



# Professional catalogue 2019.2

Athmer - securely sealed.



# ATHMER

## The latest technology at the highest level

**Athmer** has been involved in the production of automatic door seals for more than 60 years. The company's successful combination of experience, expertise and quality enables the continuous development and improvement of its product range. Offering the widest range on the market, Athmer has the right product for practically every type of application. In addition to automatic door seals for acoustic, smoke and fire protection doors, the range also includes seals such as for radiation protection doors and for doors with extremely large gaps of up to 50 mm at the bottom. Within the industry, the Athmer trademarks **Kältefeind®** and **Schall-Ex®** have become synonymous with automatic door seals.

**Athmer's** automatic door seals support the principles of **sustainable and energy-efficient building**. They reduce CO<sub>2</sub> emissions and make a real contribution to the eco-balance of a building. They also comply with the recommendations regarding barrier-free building and ensure that people who are elderly or have physical disabilities have convenient and safe access to buildings and rooms.

**Athmer Finger Protection** has been preventing fingers from becoming trapped between doors and frames for more than 30 years. Athmer offers a wide variety of possible solutions to ensure that automatic doors and doors in kindergartens can be used safely.

Athmer finger protection systems are also suitable for use with fire doors and smoke control doors.



## We focus on sustainability

Calculate the ecological return for your building with the CO<sub>2</sub> climate calculator from Athmer

- Enter the parameters for your building and room, such as location, energy source, and sealing height of the doors
- Assess the results and see for yourself the energy-efficiency of Athmer door seals



Environmental Product Declaration (EPD) available for automatic door seals

**Athmer supports sustainable construction and the ecological evaluation of buildings**

- Internationally recognised and verifiable eco-balance
- Security of investment for building developers
- Compliance with the European standard EN 14025

Endurance test passed with flying colours

**Athmer sets new standards: 1,000,000 test cycles!**

- Verified durability that far surpasses the standard of the "Ü" sign of compliance
- A long-term, safe investment
- Resource conservation ensures sustainability

Athmer Technical Centre – The latest technology for concentrated development expertise

**Athmer Technical Centre – The latest technology for concentrated development expertise**

Athmer supports its customers in the different stages of product development

- Concurrent engineering: from the idea to the market-ready product
- State-of-the-art acoustic, air, wind, and water testing facilities

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# AUTOMATIC DOOR SEALS for timber doors

**Barrier-free, sound insulation, smoke control, fire protection, tight seal and draught-free**

When a door is installed, there is a gap between the door and the frame. This allows the door to be opened and closed. Necessary though this gap may be, it also offers a way for noise, smoke and dirt to cross the threshold. The door therefore needs to be sealed on all sides, since sound waves, like air, pass through every gap. An automatic floor seal closes the gap between the door and the floor and so seals the door against smoke, light, noise and dirt.

- Sound reduction up to 52 dB
- For door seals for acoustic, smoke and fire protection doors, tested by renowned test institutes
- 1,000,000 test cycles
- Barrier-free access
- For a variety of groove widths
- For single and double-wing doors
- Single or double actuation
- For internal and external doors
- Travel: up to 50 mm
- Complete sealing system for sliding doors
- Accessories: Flush bolt, floor strike recess, press plates



## Doppeldicht® M-12/35

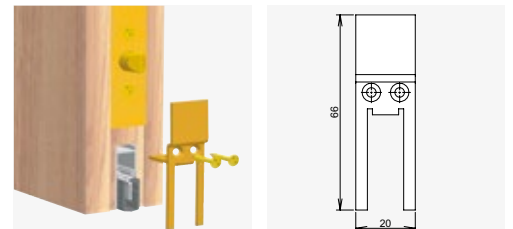
### The slimline acoustic door seal

- Double actuation for individual floor level adjustment
- Single actuation optional
- Hinge-side actuator button, stepless fine adjustment
- of deeper grooves up to 40 mm possible
- Extra depth of groove is covered with stainless steel mounting bracket
- Slight subsequent reduction of door height

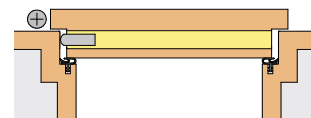
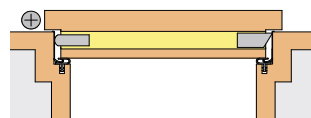


### Optional: Special mounting bracket

- For use with multipoint locks
- Stile dimension: 20 mm
- Galvanised steel, art. no. 1589

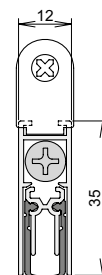


### Fixing



### Technical data

|                          |                                |                             |
|--------------------------|--------------------------------|-----------------------------|
| Groove width             | 12 mm                          |                             |
| Actuation                | Double                         | Single                      |
| Sealing profile material | Silicone, self-extinguishing   |                             |
| Maximum travel           | 11 mm                          |                             |
| Min. length              | 650 mm, cannot be shortened    | 235 mm, cannot be shortened |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |                             |
| Maximum length           | 1,335 mm                       |                             |
| Can be shortened by      | 125 mm                         |                             |
| Article number           | 1-393                          | 1-392                       |



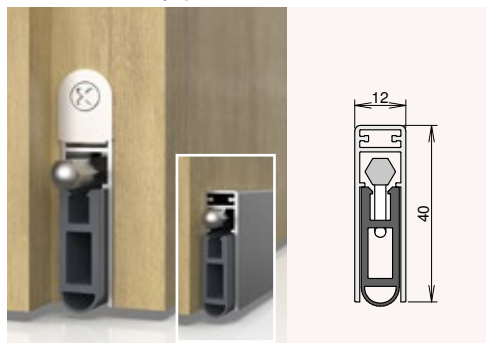
Accessories  
(included in delivery)

Art. no. 5220  
including stainless steel press plate



## Kältefeind® Allround

- The classic seal on the market
- Proven over more than 50 years
- Surface: silver-coloured, anodised
- With **three** possible installation configurations
- Individually-packed

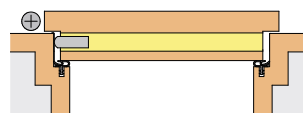
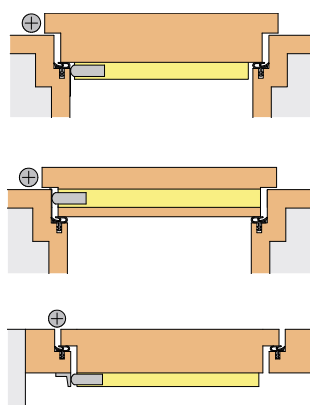


## Kältefeind® WS

- Cost-effective version, for **in-groove mounting only**
- Surface: Aluminium, natural



### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 12 mm                          |
| Actuation                | Single                         |
| Sealing profile material | PVC                            |
| Maximum travel           | max. 18 mm                     |
| Min. length              | 310 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 2,000 mm                       |
| Can be shortened by      | 125 mm from 708 mm             |
| Article number           | Art. no. 1 -689                |

Accessories  
(included in delivery)

Art. no. 5128

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 12 mm                          |
| Actuation                | Single                         |
| Sealing profile material | PVC                            |
| Maximum travel           | max. 18 mm                     |
| Min. length              | 310 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 2,000 mm                       |
| Can be shortened by      | 125 mm from 708 mm             |
| Article number           | Art. no. 1 -682                |

Art. no. 5102





## Schall-Ex® Inut

### In direct contact with the door groove

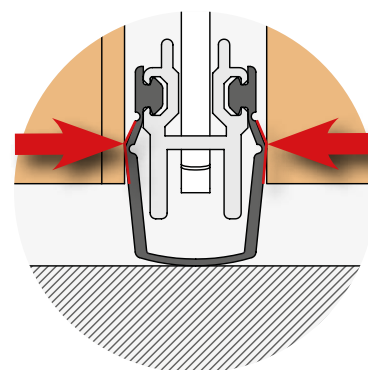
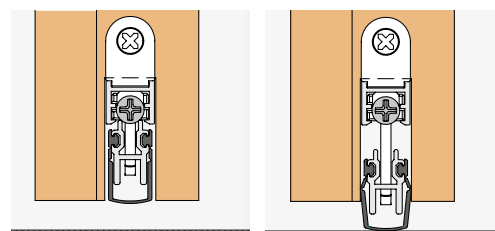
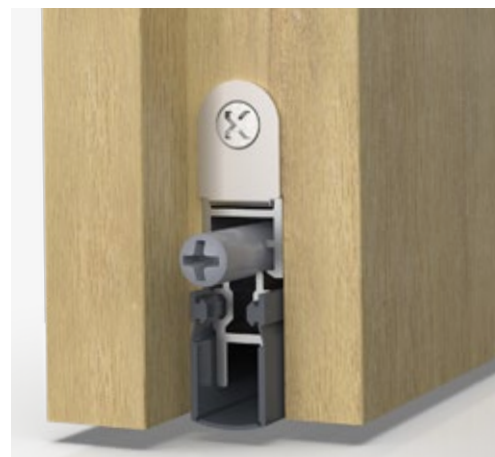
- Lateral seal inside the groove
- Compensates for tolerances in the groove
- Hinge-side actuator for fine adjustment
- Also for double-wing doors

### For use with acoustic doors

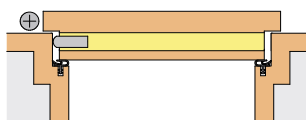
- High sound insulation capacity of 49 dB at a sealing height of 7 mm

### For use with fire and smoke doors

- A single model to suit all applications
- Silicone profile for a flexible fit in the groove and to the floor



### Fixing

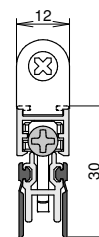


### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 12 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Maximum travel           | 11 mm                          |
| Min. length              | 310 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,208 mm                       |
| Can be shortened by      | 125 mm                         |
| Article number           | 1-698                          |

Accessories  
(included in delivery)

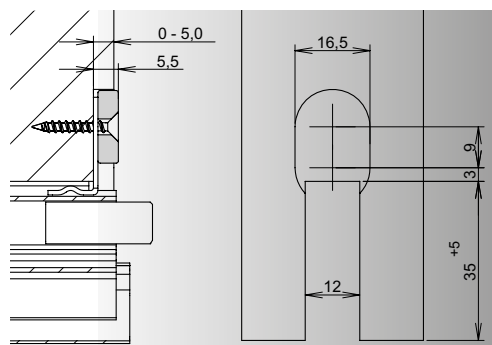
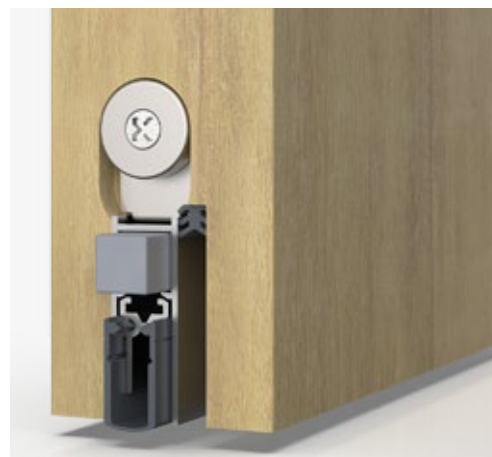
Art. no. 5102  
including stainless steel press plate



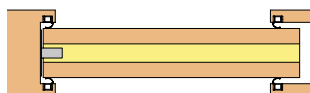


## Schall-Ex® Slide & Lock M-12 WS

- Slimmest acoustic door seal with only 12 mm groove width
- High sound reduction values through patented internal sealing system
- With integrated holding magnet to prevent unintentional opening and to maintain the actuating pressure of the seal



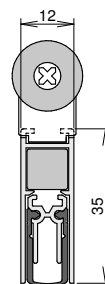
### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 12 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 280 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,958 mm                       |
| Can be shortened by      | 125 mm from 708 mm             |
| Article number           | 1-549                          |

Accessories (included in delivery)      Art. no. 5105 incl. galvanised steel press plate, holding magnet



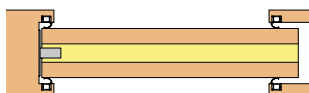


## Schall-Ex® Slide M-12 WS

- Slimmest acoustic door seal with only 12 mm groove width
- High sound reduction values through patented internal sealing system

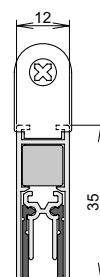


### Fixing



### Technical data

|                                       |                                                      |
|---------------------------------------|------------------------------------------------------|
| Groove width                          | 12 mm                                                |
| Actuation                             | Single                                               |
| Sealing profile material              | Silicone, self-extinguishing                         |
| Travel                                | 11 mm                                                |
| Min. length                           | 280 mm (cannot be shortened)                         |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm                       |
| Maximum length                        | 1,958 mm                                             |
| Can be shortened by                   | 125 from 708 mm                                      |
| Article number                        | 1-548                                                |
| Accessories<br>(included in delivery) | Art. no. 5113<br>including zinc die-cast press plate |



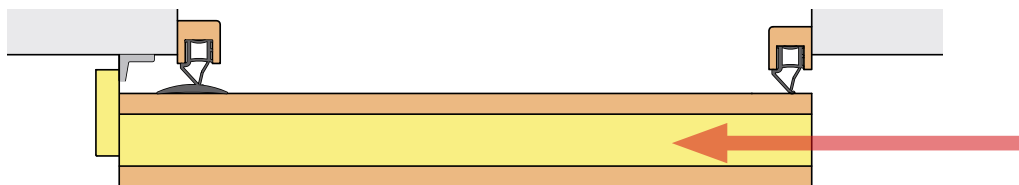


## Schall-Ex® Slide M-12 WS ZA

- For installation in sliding doors, with concealed actuation mechanism on the adjacent closing edge
- Free passage through opened sliding door
- Optimal continuous adjustment using the adjusting screw
- For sliding doors with locks
- DIN-R /DIN-L specification necessary

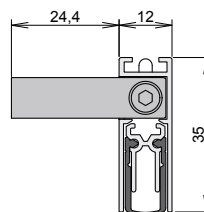


### Function



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 12 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 450 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,605 mm                       |
| Can be shortened by      | Cannot be shortened            |
| Article number           | DIN-L 1-844<br>DIN-R 1-845     |



Accessories  
(included in delivery)

Art. no. 5220



## Unidicht WS

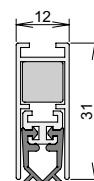
- Reliable performance and easy installation
- Inexpensive design
- With double or single actuation option
- For in-groove mounting



### Fixing

#### Technical data

|                          |                                |                             |
|--------------------------|--------------------------------|-----------------------------|
| Groove width             | 12 mm                          |                             |
| Actuation                | Double                         | Single                      |
| Sealing profile material | PVC                            |                             |
| Maximum travel           | 11 mm                          |                             |
| Min. length              | 650 mm                         | 235 mm, cannot be shortened |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |                             |
| Maximum length           | 1,333 mm                       |                             |
| Can be shortened by      | 125 mm                         |                             |
| Article number           | 1-306                          | 1-307                       |



Accessories  
(included in delivery)

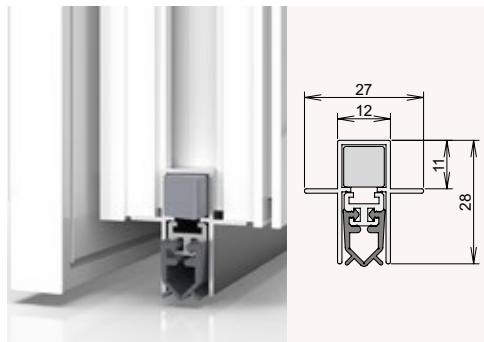
Art. no. 5320  
including stainless steel press plate





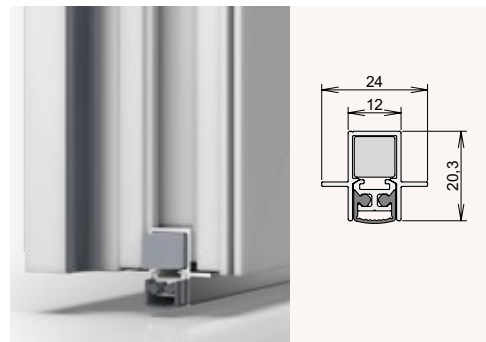
## Unidicht ES

- Reliable performance and easy installation
- Inexpensive design
- With double or single actuation option
- For Europrofile doors with Euro fittings

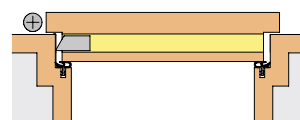
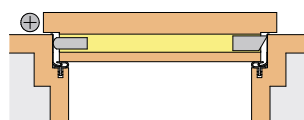


## Unidicht S-12

- Reliable performance and easy installation
- Inexpensive design
- With double or single actuation option
- For Europrofile doors with Euro fittings



### Fixing



### Technical data

|                                    |                                                              |                                                              |
|------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Groove width                       | 12 mm                                                        |                                                              |
| Actuation                          | Double                                                       | Single                                                       |
| Sealing profile material           | Silicone, self-extinguishing                                 |                                                              |
| Travel                             | 11 mm                                                        |                                                              |
| Min. length                        | 650 mm                                                       | 235 mm, cannot be shortened                                  |
| Standard lengths                   | 708, 833, 958, 1,083, 1,208 mm                               |                                                              |
| Maximum length                     | 1,335 mm                                                     |                                                              |
| Can be shortened by                | 125 mm                                                       |                                                              |
| Article number                     | 1-302                                                        | 1-303                                                        |
| Accessories (included in delivery) | Art. no. 5420 including press plates made of stainless steel | Art. no. 5503 including press plates made of stainless steel |

|                                    |                                                              |                                                              |
|------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Groove width                       | 12 mm                                                        |                                                              |
| Actuation                          | Double                                                       | Single                                                       |
| Sealing profile material           | Silicone, self-extinguishing                                 |                                                              |
| Travel                             | 6 mm                                                         |                                                              |
| Min. length                        | 650 mm                                                       | 235 mm, cannot be shortened                                  |
| Standard lengths                   | 708, 833, 958, 1,083, 1,208 mm                               |                                                              |
| Maximum length                     | 1,335 mm                                                     |                                                              |
| Can be shortened by                | 125 mm                                                       |                                                              |
| Article number                     | 1-375                                                        | 1-374                                                        |
| Accessories (included in delivery) | Art. no. 5420 including press plates made of stainless steel | Art. no. 5503 including press plates made of stainless steel |



## Schall-Ex® L-15

### A classic

The Schall-Ex® L-15 family also impresses with its "inner values" since each seal, depending on its length, has up to three spring mechanisms that actuate in parallel. In addition, it ensures automatic level compensation and is ideal for offsetting any unevenness in the floor.

The new generation of this classic is not only technically mature but also has all the necessary certificates and test reports.

- High sound insulation capacity of up to 52 dB
- As DUO version, with double actuation **(from page 25)**
- Increased stability of form in the door rebate area
- Optimal corner connection
- Easy handling with shortened seal length
- With optional flush bolt set-up
- For single and double-wing door systems
- Faster installation due to sliding actuator without a press plate
- Sealing profile made of self-extinguishing silicone for acoustic, smoke and fire protection
- Perfect seal in combination with Athmer thresholds **(page 89)**
- Meets requirements for barrier-free construction
- Automatic door seals supplied with the "Ü" sign of compliance

### Smoke and fire doors



### Acoustic doors



### Barrier-free



### "Ü" sign of compliance





## Schall-Ex® L-15/30 WS

- Unrivalled sound reduction values:  
52 dB with 7 mm sealing height
- For sealing heights up to 20 mm
- Sturdy inner mechanical parts with  
parallel actuation and optimum  
floor level adjustment
- Clip-on sliding actuator for safe start-up
- Seal adjustment without tools
- Quicker installation, since no  
need for press plate installation



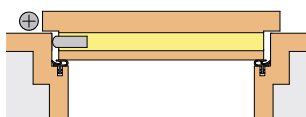
Certificate:  
"DIN approved -  
Barrier-free"



R. NO. P11855/07

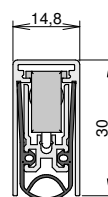


### Fixing



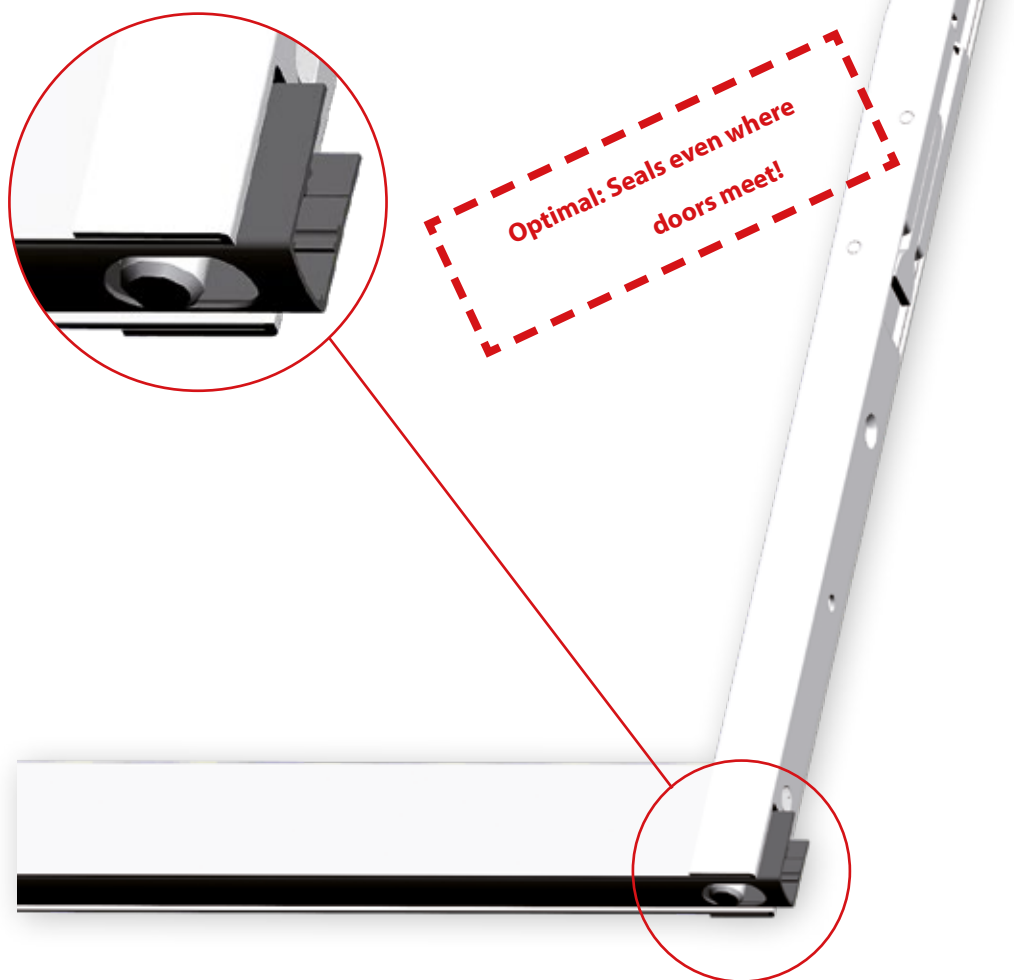
|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 15 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 20 mm                          |
| Min. length              | 235 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 2,000 mm                       |
| Can be shortened by      | 125 mm from 833 mm             |
| Article number           | 1-880                          |

Accessories  
(included in delivery)      Art. no. 5382



Seals even double-wing doors without leaving any gaps

## Flush bolt set-up



### Technical data

## Flush bolts

- Stainless steel versions for top and bottom
- Bolt with continuously adjustable height
- Same milling dimensions at top and bottom

Athmer stainless steel  
Flush bolt version

**Dimensions:**  
17 mm x 250 mm

**Bolt:**  
Ø 8mm, travel: 15 mm

Versions

Art. no.

For the top:  
TK-15/T

1653

For the bottom:  
TK-15/BXL

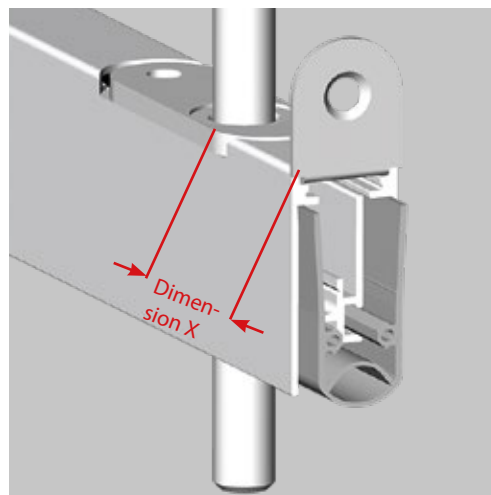
1792

Door seal prepared for  
flush bolt TK-15/BXL

Options

## Flush bolt set-up

- For Ø 8 mm flush bolt
- Secure guidance for flush bolt
- No extra milling required for the flush bolt plate in the base of the groove
- Door seal prepared for flush bolt assembly
- State dimension X on the order
- Supply package includes bolt guide plate



Note: Minimum length if flush bolt hole incorporated = distance from drilled hole (X) + 272 mm

## Flush bolts

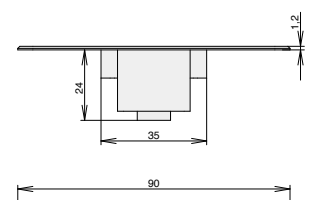
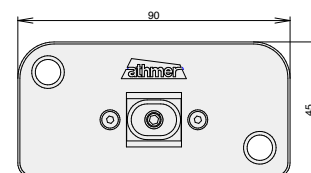
- Flush bolts in two different lengths for locking and rebate flush bolt locks

### Technical data

| Type                         |         | Connector | Ø   | Art. no.  |
|------------------------------|---------|-----------|-----|-----------|
| Flush bolt TS-8/M6           | 1,187mm | M6        | 8mm | 1502-1187 |
| Flush bolt TS-8/M6           | 1,487mm | M6        | 8mm | 1502-1487 |
| Flush bolt TS-8/M10          | 1,217mm | M10       | 8mm | 1502-1217 |
| Flush bolt TS-8/M10          | 1,517mm | M10       | 8mm | 1502-1517 |
| Bolt guide plate for TS-8... |         |           |     | 5135      |

## Floor strike recess BS-8

- For Ø 8 mm flush bolt
- Best possible width and locking position for steel, timber and tubular frame doors
- Continuously adjustable range  $\pm 2$  mm in opening and closing direction
- Art. no. 128



### Technical data

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| Material                 | Stainless steel floor plate and aluminium recess                 |
| Installation             | Fix to floor using 2 countersunk screws Ø 4.5 mm (not supplied). |
| Recess required in floor | 30 x 40, depth > 26 (mm)                                         |

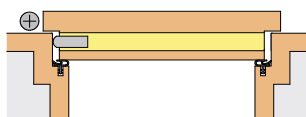


## Schall-Ex® L-15/30 OS

- Can be screw-fixed to lower door surface
- Unrivalled sound reduction values:  
52 dB with 7 mm sealing height
- For sealing heights up to 20 mm
- Increased stability of form in the door rebate area
- Optimal corner connection
- Easy handling with shortened seal length
- Sturdy inner mechanical parts with parallel actuation and optimum floor level adjustment
- Clip-on sliding actuator for safe start-up
- Seal adjustment without tools
- Quicker installation, since no need for press plate installation



### Fixing

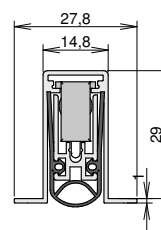


### Technical data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Groove width                         | 15 mm                          |
| Actuation                            | Single                         |
| Sealing profile material             | Silicone, self-extinguishing   |
| Travel                               | 20 mm                          |
| Minimum length (cannot be shortened) | 235 mm (cannot be shortened)   |
| Standard lengths                     | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length                       | 2,210 mm                       |
| Can be shortened by                  | 125 mm from 833 mm             |
| Article number                       | 1-881                          |

Accessories  
(included in delivery)

-

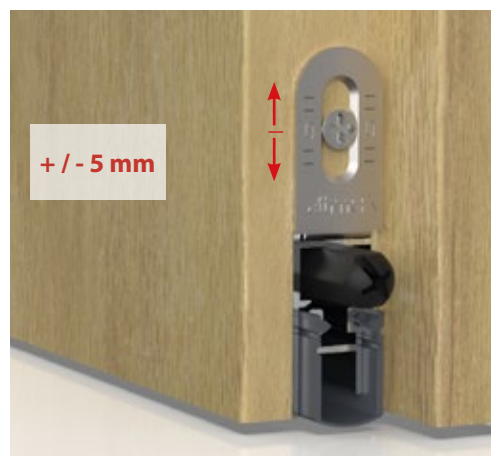




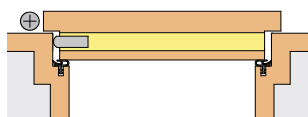


## Schall-Ex® L-15/30 VS

- Height-adjustable  
Mounting bracket  
(adjustment range: 10 mm)
- Optimal sound reduction  
even with deeper groove
- Mounted protruding from the  
groove:
  - Short travel
  - Short actuation travel
  - Geometry more favourable =
  - Less dragging, wear etc.
  - Also for larger sealing heights



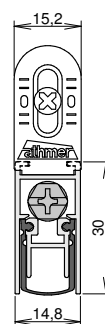
### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 15 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 12 mm                          |
| Min. length              | 235 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,600 mm                       |
| Can be shortened by      | 125 mm from 708 mm             |
| Article number           | 1-721                          |

Accessories  
(included in delivery)      Art. no. 5130  
including stainless steel press plate





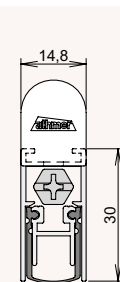
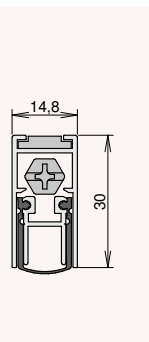
## Schall-Ex® L-15 QFS

- Ideal quick fixing for automatic installation
- Fixing with **flat insert**

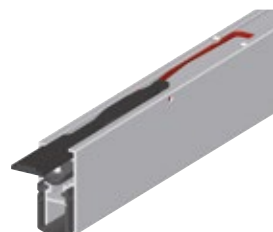
## Schall-Ex® L-15 QF

- Ideal quick fixing for automatic installation
- Fixing with **bracket insert**
- Groove coverage of up to 8 mm
- Optional shortening kit

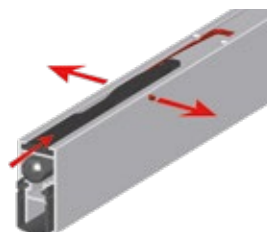
**Quick fixing  
without tools**



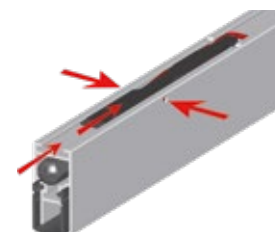
**Fixing  
QFS version**



➤ Slides in



➤ Locks in place



➤ Slides out

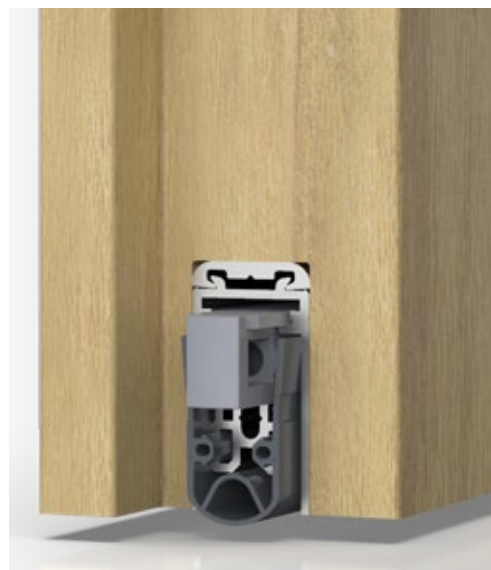
### Technical data

|                                       |                                                        |                                                        |
|---------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| Groove width                          | 15 mm                                                  | 15 mm                                                  |
| Actuation                             | Single                                                 | Single                                                 |
| Sealing profile material              | Silicone, self-extinguishing                           | Silicone, self-extinguishing                           |
| Travel                                | 12 mm                                                  | 12 mm                                                  |
| Min. length                           | 255 mm (cannot be shortened)                           | 235 mm (cannot be shortened)                           |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm                         | 708, 833, 958, 1,083, 1,208 mm                         |
| Maximum length                        | 1,600 mm                                               | 1,600 mm                                               |
| Can be shortened by                   | 125 mm from 708 mm                                     | 125 mm from 708 mm (optional shortening kit)           |
| Article number                        | 1-693                                                  | 1-545                                                  |
| Accessories<br>(included in delivery) | Art. no. 5503<br>including stainless steel press plate | Art. no. 5123<br>including stainless steel press plate |

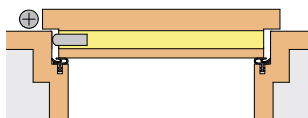


## Schall-Ex® L-15/29 TG

- Sound absorption capacity > 50 dB with a sealing height of 7 mm
- Bracketless installation by sliding into track attached in the base of the groove
- Increased stability of form in the door rebate area
- Optimal corner connection seal
- Easy handling with shortened seal length

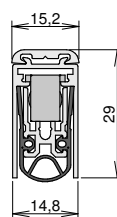


### Fixing



### Technical data

|                                    |                                |
|------------------------------------|--------------------------------|
| Groove width                       | 12 mm                          |
| Actuation                          | Single                         |
| Sealing profile material           | Silicone, self-extinguishing   |
| Travel                             | 17 mm                          |
| Min. length                        | 235 mm (cannot be shortened)   |
| Standard lengths                   | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length                     | 2,210 mm                       |
| Can be shortened by                | 125 mm from 708 mm             |
| Article number                     | 1-898                          |
| Accessories (included in delivery) | None                           |



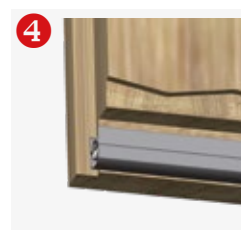
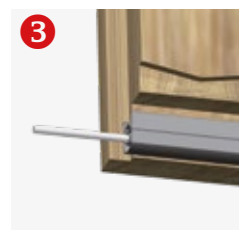
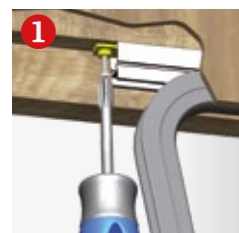


### Shortening without tools

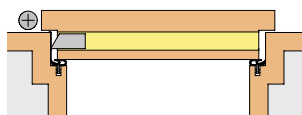
## Schall-Ex® VL-15/30

### The first variable fixed length!

- No more shavings caused by sawing and deburring during shortening
- Quick and clean shortening of the standard lengths by up to 125 mm (lock side)
- Fixed lengths can be kept in stock
- Minimises costs thanks to reduction in number of ordering processes

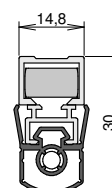


### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 15 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 583 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,333 mm                       |
| Can be shortened by      | 125 mm from 833 mm             |
| Article number           | 1-841                          |



Accessories  
(included in delivery)

Art. no. 5305  
including stainless steel press plate



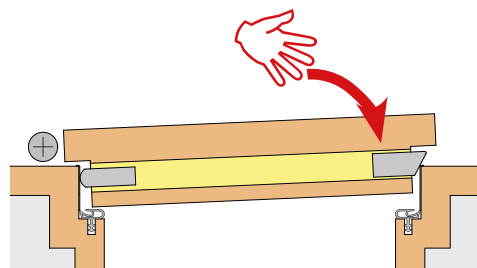
## Schall-Ex® DUO L-15

- Door movement leaves no traces:  
Double actuation ensures there are no visible worn areas
- No need to push the door leaf away:  
Actuation less effort than ever before!
- High sound absorption value > 50 dB



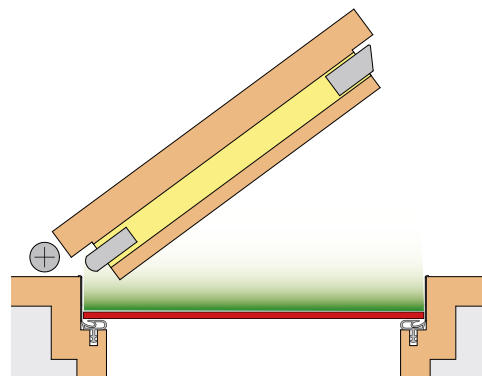
### Feather-light actuation on lock side

- Minimal pressure required: barely perceptible

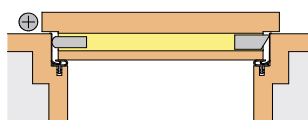


### No dragging

- Up to 83% reduction in areas showing wear

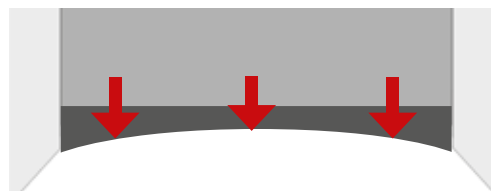
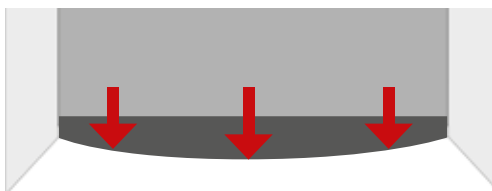


### Fixing



### Optimal adjustment for uneven floors

- Spring mechanisms ensure excellent floor level adjustment even with concave or convex floors 3 spring mechanisms



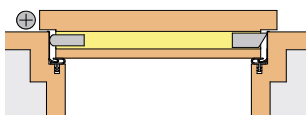


## Schall-Ex® DUO L-15 WS

- Double actuation
- High sound absorption value > 50 dB with a sealing height of 7 mm
- No visible worn areas
- Minimal pressure required for actuation



### Fixing

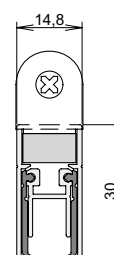


### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 15 mm                          |
| Actuation                | Double                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 14 mm                          |
| Min. length              | 708 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,600 mm                       |
| Can be shortened by      | 125 mm from 833 mm             |

Article number 1-382

Accessories (included in delivery) Art. no. 5435 including stainless steel press plates

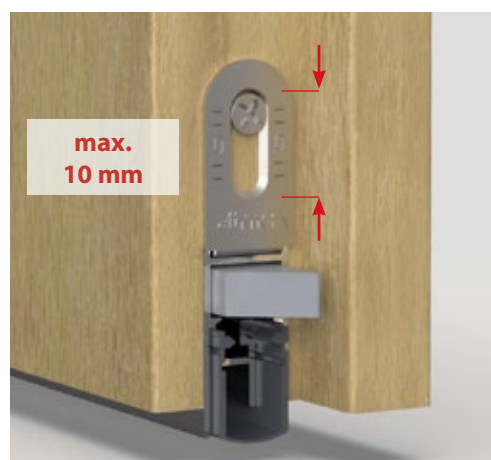
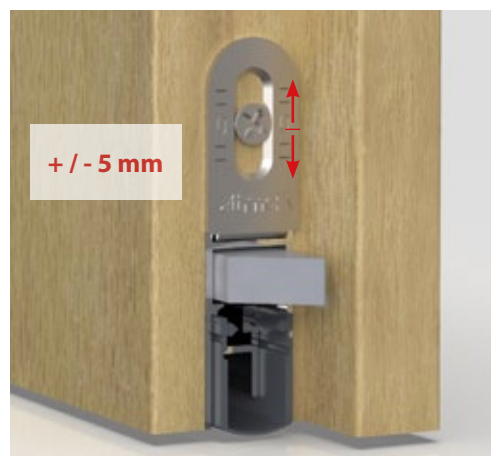




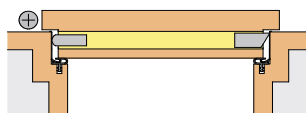


## Schall-Ex® DUO L-15 VS

- Height-adjustable  
Mounting bracket  
(adjustment range: 10 mm)
- Optimal sound reduction  
even with deeper groove
- Mounted protruding from the  
groove:
  - Short travel
  - Short actuation travel
  - Geometry more favourable
  - Less dragging, wear etc.
  - Also for larger sealing heights



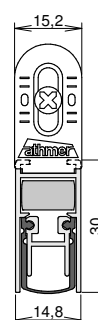
### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 15 mm                          |
| Actuation                | Double                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 12 mm                          |
| Min. length              | 708 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,600 mm                       |
| Can be shortened by      | 125 mm from 833 mm             |
| Article number           | 1-720                          |

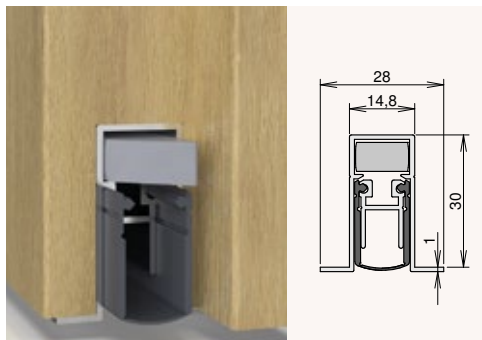
Accessories  
(included in delivery)      Art. no. 5130  
including stainless steel press plates





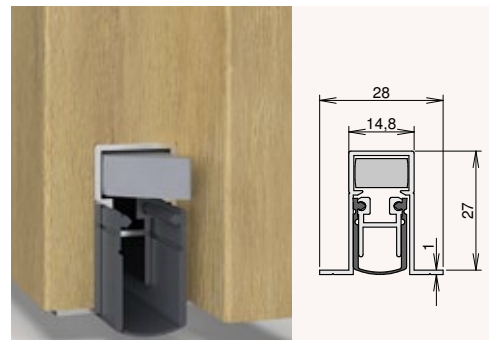
## Schall-Ex® DUO L-15/31 OS

- High sound insulation capacity of up to 51 dB
- Available in fixed and standard lengths

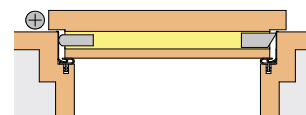
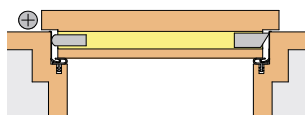


## Schall-Ex® DUO L-15/28 OS

- High sound insulation capacity of up to 51 dB
- Available in fixed and standard lengths



### Fixing



### Technical data

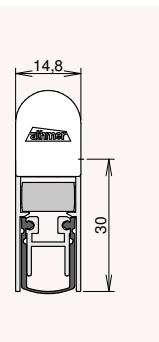
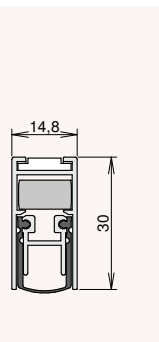
|                                       |                                                         |                                                         |
|---------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Groove width                          | 15 mm                                                   | 15 mm                                                   |
| Actuation                             | Double                                                  | Double                                                  |
| Sealing profile material              | Silicone, self-extinguishing                            | Silicone, self-extinguishing                            |
| Travel                                | 14 mm                                                   | 12 mm                                                   |
| Min. length                           | 708 mm (cannot be shortened)                            | 708 mm (cannot be shortened)                            |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm                          | 708, 833, 958, 1,083, 1,208 mm                          |
| Maximum length                        | 1,600 mm                                                | 1,600 mm                                                |
| Can be shortened by                   | 125 mm from 833 mm                                      | 125 mm from 833 mm                                      |
| Article number                        | 1-383                                                   | 1-404                                                   |
| Accessories<br>(included in delivery) | Art. no. 5420<br>including stainless steel press plates | Art. no. 5420<br>including stainless steel press plates |



## Schall-Ex® DUO L-15 QFS Schall-Ex® DUO L-15 QF

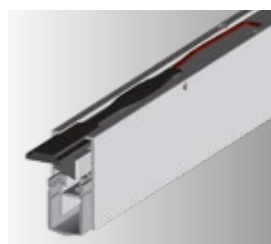
- Ideal quick fixing for automatic installation
- Fixing with **flat insert**
- Seal can be cut to length

- Ideal quick fixing for automatic installation
- Fixing with **bracket insert**
- Groove coverage of up to 8 mm
- Optional shortening kit

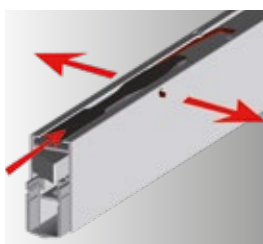


Quick fixing  
without tools

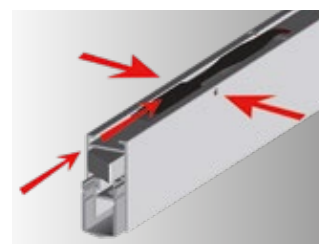
Fixing  
QFS version



➤ Slides in



➤ Locks in place



➤ Slides out

### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 15 mm                          |
| Actuation                | Double                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 12 mm                          |
| Min. length              | 708 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,600 mm                       |
| Can be shortened by      | 125 mm from 833 mm             |
| Article number           | 1-694                          |

Accessories  
(included in delivery)

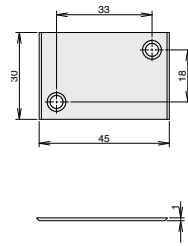
Art. no. 5420  
including stainless steel press plates

|                          |                                                      |
|--------------------------|------------------------------------------------------|
| Groove width             | 15 mm                                                |
| Actuation                | Double                                               |
| Sealing profile material | Silicone, self-extinguishing                         |
| Travel                   | 12 mm                                                |
| Min. length              | 708 mm (cannot be shortened)                         |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm                       |
| Maximum length           | 1,600 mm                                             |
| Can be shortened by      | 125 mm from 833 mm<br>(Optional shortening kit 5430) |
| Article number           | 1-544                                                |

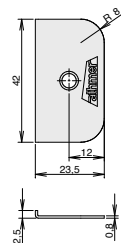
Art. no. 5123  
including stainless steel press plates

**Stainless steel****Further press plates**

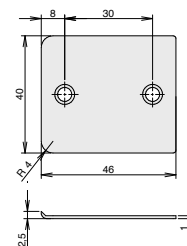
➔ To fit different rebate dimensions



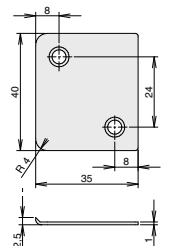
Art. no. 8117



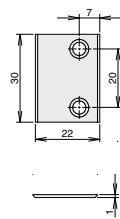
Art. no. 248



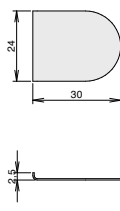
Art. no. 8107



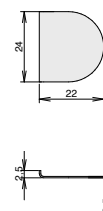
Art. no. 8111



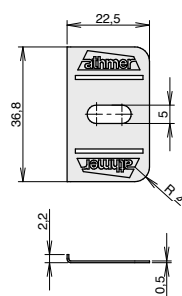
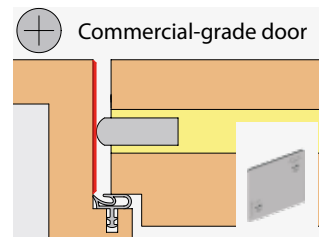
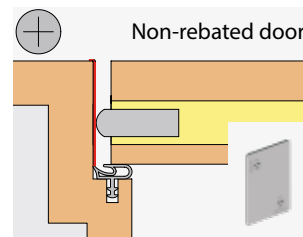
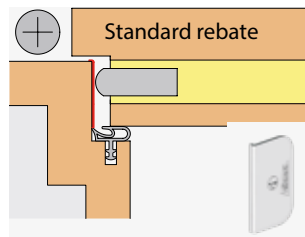
Art. no. 8118



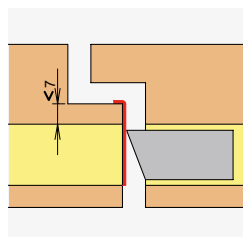
Art. no. 8106



Art. no. 8104

**Application**

Art. no. 5514

**Application**



## Stadi M-17/17 WS Stadi LD-17/20 WS

- New, small Stadi model
- Sound reduction of up to 52 dB
- Parallel actuation
- No inner rail offset

### Optionally:

MD version / with time-lag actuation

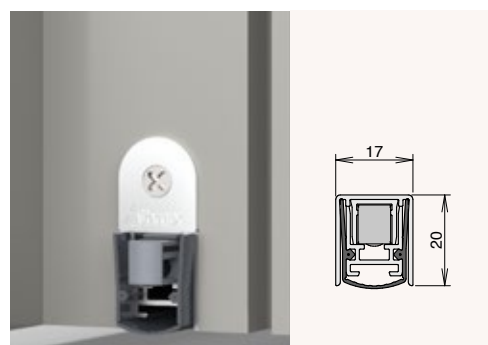


## Stadi L-17/20 WS Stadi LD-17/20 WS

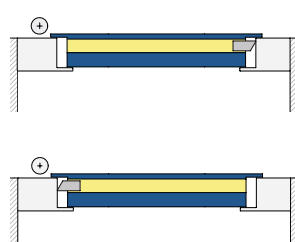
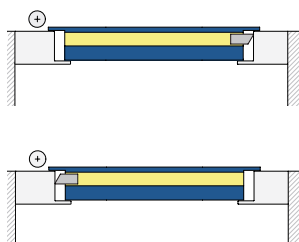
- New, small Stadi model
- Sound reduction of up to 52 dB
- Parallel actuation
- No inner rail offset

### Optionally:

LD version / with time-lag actuation



### Actuation



### Technical data

|                                  | M                            | MD       |
|----------------------------------|------------------------------|----------|
| Width                            | 17 x 17 mm                   |          |
| Height                           |                              |          |
| Actuation                        | Single                       |          |
| Time lag actuation               | -                            | ✓        |
| Sealing profile                  | Silicone, self-extinguishing |          |
| Travel                           | 13 mm                        |          |
| Min. length                      | 250 mm                       | 655 mm   |
| Standard lengths                 | 750, 900, 1,050, 1,200 mm    |          |
| Maximum length                   | 2,000 mm                     | 1,600 mm |
| Can be shortened (on lock side)  | 150 mm                       |          |
| Can be shortened (on hinge side) | -                            | -        |
| Article number                   | 1-937                        | 1-950    |

|                                  | L                            | LD       |
|----------------------------------|------------------------------|----------|
| Width                            | 17 x 20 mm                   |          |
| Height                           |                              |          |
| Actuation                        | Single                       |          |
| Time lag actuation               | -                            | ✓        |
| Sealing profile                  | Silicone, self-extinguishing |          |
| Travel                           | 16 mm                        |          |
| Min. length                      | 250 mm                       | 655 mm   |
| Standard lengths                 | 750, 900, 1,050, 1,200 mm    |          |
| Maximum length                   | 2,000 mm                     | 1,600 mm |
| Can be shortened (on lock side)  | 150 mm                       |          |
| Can be shortened (on hinge side) | -                            | -        |
| Article number                   | 1-940                        | 1-953    |

## Product family



## Schall-Ex® Ultra

- For all applications:
  - Acoustic, smoke and fire doors
- High sound absorption capacity: 51 dB
- Actuation on the opening face with automatic height and level adjustment
- Lock-side actuation,
  - Minimal pressure required for actuation
- Self-adjusting with overload protection
- Supply package includes accessories
- Optionally with single actuation, e.g. for the passive wing
- Sealing profile made of self-extinguishing silicone for acoustic, smoke and fire protection
- Superior seal in combination with Athmer thresholds
- Automatic door seals supplied with the "Ü" sign of compliance
- Anodised housing made of aluminium for long-term resistance to climatic conditions
- Stainless steel springs and rustproof inner mechanical parts
- Silicone profile prevents freezing in position and ensures a flexible seal with the floor even in icy conditions
- Schall-Ex® Ultra is the optimal choice for damp and wet room doors
- Corrosion-tested in accordance with EN 1670
- Highest corrosion class 5 = 480 hours of salt spray testing
- Double durability testing under wet-room conditions
- Full functionality after 500,000 cycles



## Barrier-free

- Meets requirements for barrier-free construction

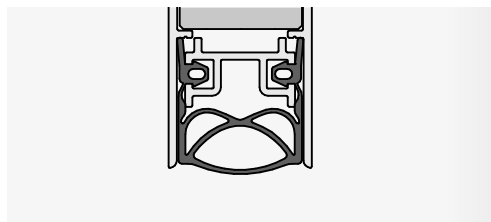


Certificate:  
"DIN approved -  
Barrier-free"



## Multi-chamber seal

- The chambers in the seal help to provide thermal separation and break up sound waves
- Predetermined bending point for improved inner sealing
- Practically noiseless operation thanks to integrated cushioning in the silicone seal

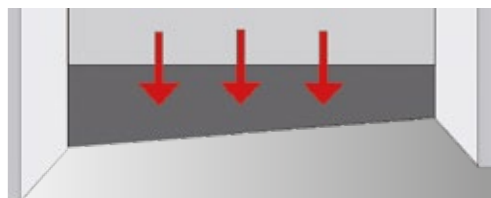
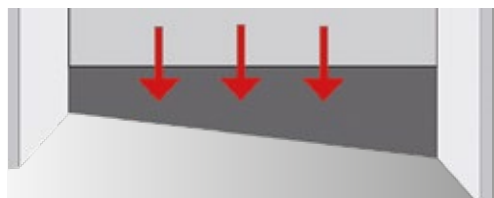


## Floor level adjustment



- Floor level adjustment with concave and convex floors

## Automatic level compensation



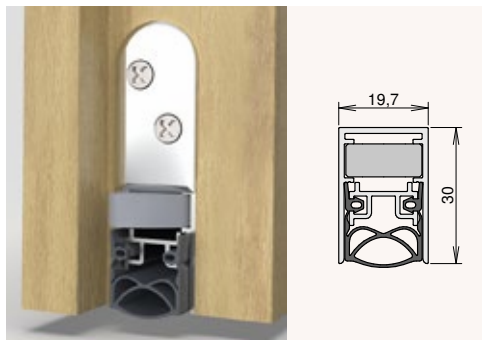
- With integrated overload protection as standard:  
Constant, even, and therefore optimal floor contact pressure
- Saves time, since no fine adjustment necessary
- Improved operational reliability since the system self-adjusts if conditions change





## Schall-Ex® Ultra WS

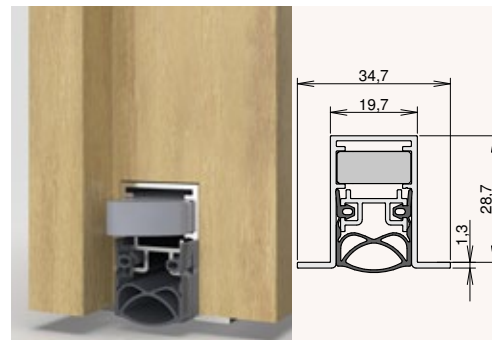
- Actuation on the hinge side with automatic height and level adjustment
- Lock-side actuation, Minimal pressure required for actuation
- Self-adjusting with overload protection



- Tested in accordance with EN 1670

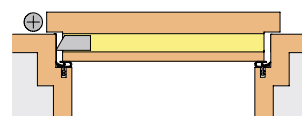
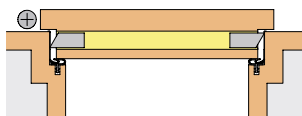
## Schall-Ex® Ultra OS

- Actuation on the hinge side with automatic height and level adjustment
- Lock-side actuation, Minimal pressure required for actuation
- Self-adjusting with overload protection



- Tested in accordance with EN 1670

### Fixing

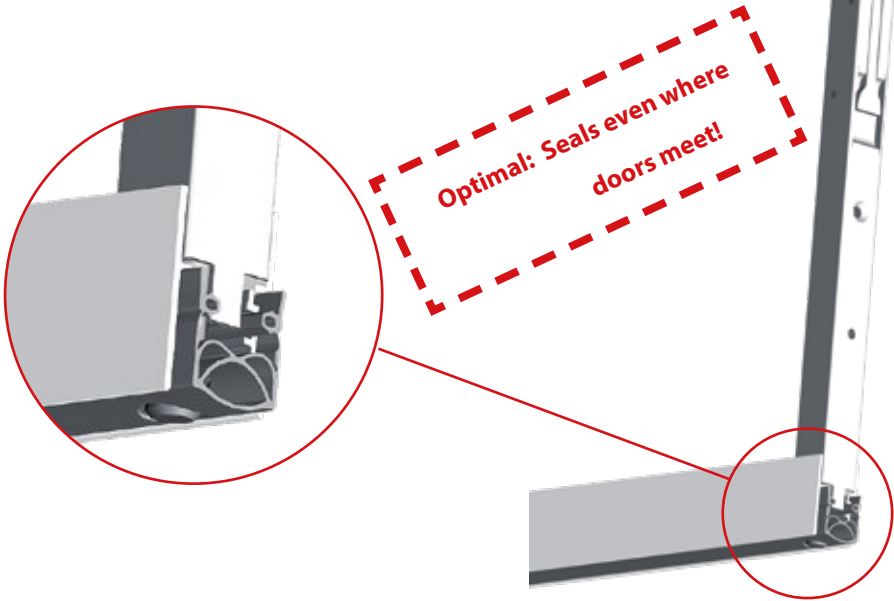


### Technical data

|                                       |                                                                 |                                                                |                                                                 |                                                                |
|---------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|
| Groove width                          | 20 mm                                                           |                                                                | 20 mm                                                           |                                                                |
| Actuation                             | Double                                                          | Single                                                         | Double                                                          | Single                                                         |
| Sealing profile material              | Silicone, self-extinguishing                                    |                                                                | Silicone, self-extinguishing                                    |                                                                |
| Travel                                | 12 mm                                                           |                                                                | 12 mm                                                           |                                                                |
| Min. length                           | 708 mm                                                          | 220 mm (n. s.)                                                 | 708 mm                                                          | 220 mm (n. s.)                                                 |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm                                  |                                                                | 708, 833, 958, 1,083, 1,208 mm                                  |                                                                |
| Maximum length                        | 1,500 mm                                                        | 2,000 mm                                                       | 1,500 mm                                                        | 2,000 mm                                                       |
| Can be shortened by                   | 125 mm from 708 mm                                              |                                                                | 125 mm from 708 mm                                              |                                                                |
| Article number                        | 1-290                                                           | 1-291                                                          | 1-292                                                           | 1-293                                                          |
| Accessories<br>(included in delivery) | Art. no. 5600<br>including stain-<br>less steel press<br>plates | Art. no. 5610<br>including stain-<br>less steel press<br>plate | Art. no. 5420<br>including stain-<br>less steel press<br>plates | Art. no. 5503<br>including stain-<br>less steel press<br>plate |

Seals even double-wing doors without leaving any gaps

Flush bolt set-up



Flush bolts

- Stainless steel versions for top and bottom
- Bolt with continuously adjustable height
- Same milling dimensions at top and bottom

Technical data

| Athmer stainless steel<br>Flush bolt version | Versions                      | Art. no. |
|----------------------------------------------|-------------------------------|----------|
| <b>Dimensions:</b><br>17 mm x 250 mm         | For the top:<br>TK-15/T       | 1653     |
| <b>Bolt:</b><br>Ø 8mm, travel: 15 mm         | For the bottom:<br>TK-20/B-SU | 1652-2   |

Door seal prepared for flush bolt TK-20/B-SU

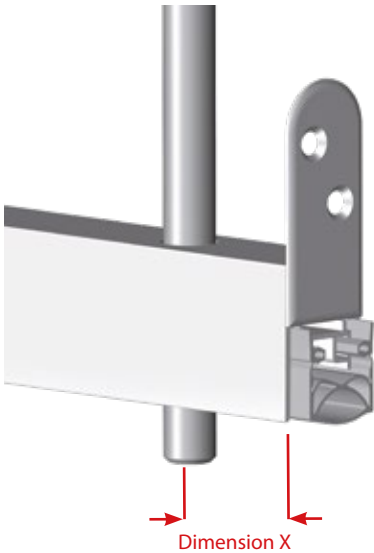
Options

Flush bolt set-up

- For Ø 10 mm standard flush bolt
- Optional:**
  - Seal prepared for flush bolt assembly
- for smoke and fire protection doors with standard flush bolt
- Available for all backsets
- State dimension X on the order
- Floor strike recess BS-10 can be used

Note:

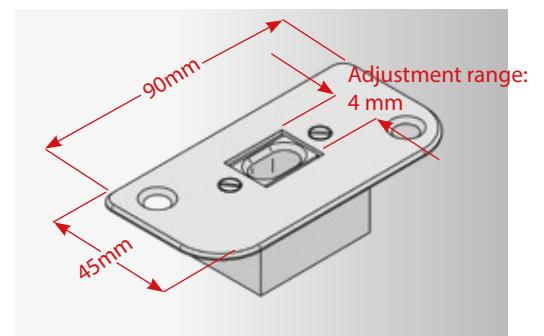
Minimum length if flush bolt hole incorporated = distance from drilled hole (X) + 217 mm



### Stainless steel floor strike recess

## BS-10

- Best possible width and locking position for steel, timber and tubular frame doors
- Continuously adjustable range  $\pm 2$  mm in opening and closing direction
- With its elongated slot, the retainer makes positioning easy and compensates for any lateral tolerances
- Optimal for automatic locks: Long mounting surface and wide chamfer
- Easy installation with only two diagonally-arranged fixing screws (customer supply).



### Technical data

#### Material

Stainless steel floor plate and aluminium recess

#### Installation

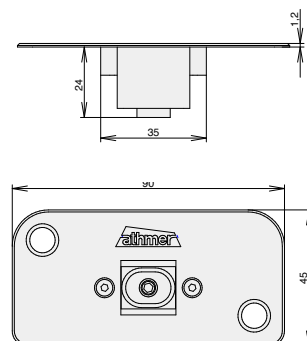
Fix to floor using two countersunk screws  $\varnothing 4.5$ mm (customer supply).

#### Recess required in floor

30 x 40, > 26 depth

#### Article number

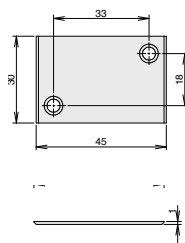
129



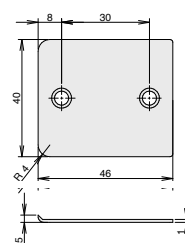
### Stainless steel

## Further press plates

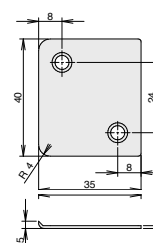
- To fit different rebate dimensions



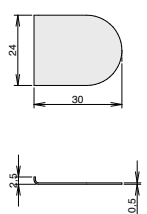
Art. no. 8117



Art. no. 8107

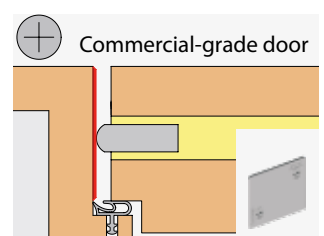
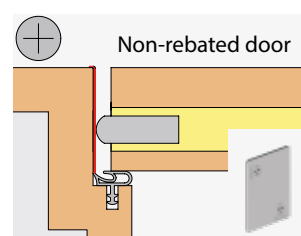
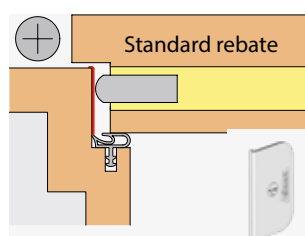


Art. no. 8111



Art. no. 8106

### Application



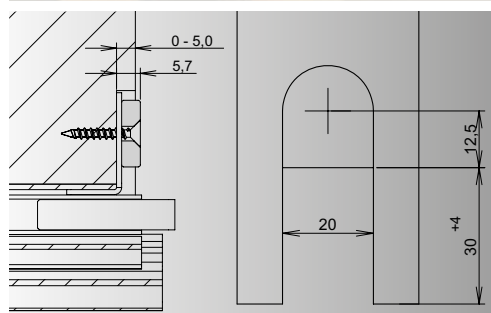
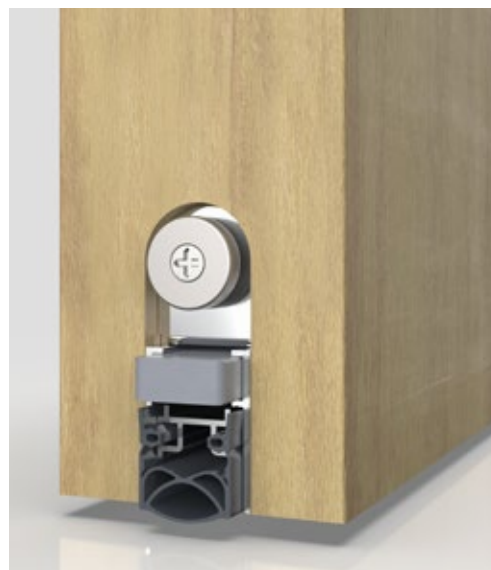


## Schall-Ex® Slide & Lock M-20 WS

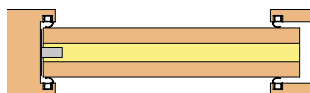
- Automatic height and level compensation
- **Higher safety of use through** self-adjustment to changing conditions
- With integrated overload protection as standard
- Optimised sealing profile with sound reduction > 50 dB with 7 mm sealing height



- **Suitable for damp and wet room doors: tested in accordance with EN 1670**



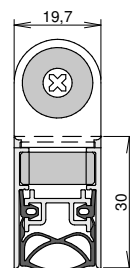
### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 20 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 12 mm                          |
| Min. length              | 220 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 2,000 mm                       |
| Can be shortened by      | 125 mm from 708 mm             |
| Article number           | 1-550                          |

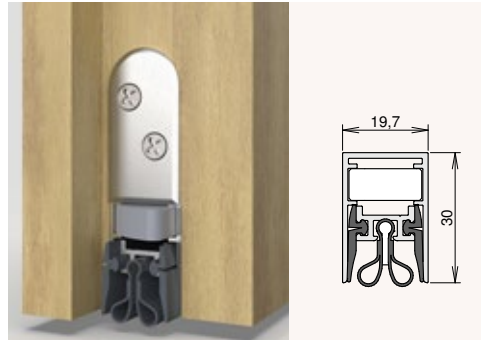
Accessories (included in delivery) Art. No. 5103 incl. galvanised steel press plate, holding magnet





## Schall-Ex® Radiation protection WS

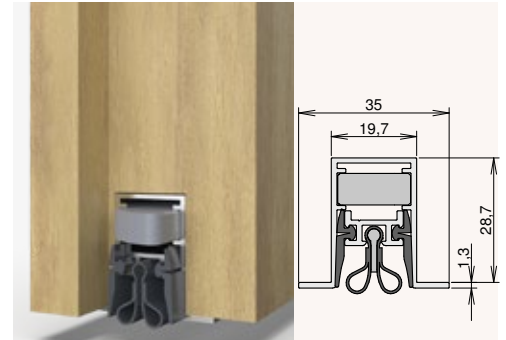
- For doors with radiation protection requirements
- Automatic height and level compensation
- Self-adjusting with overload protection



- Suitable for use with radiation protection doors: in accordance with DIN 6834

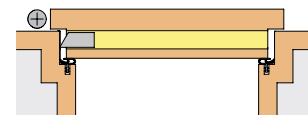
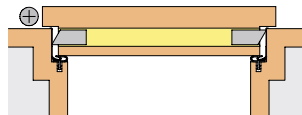
## Schall-Ex® Radiation protection OS

- For doors with radiation protection requirements
- Automatic height and level compensation
- Self-adjusting with overload protection



- Suitable for use with radiation protection doors: in accordance with DIN 6834

### Fixing



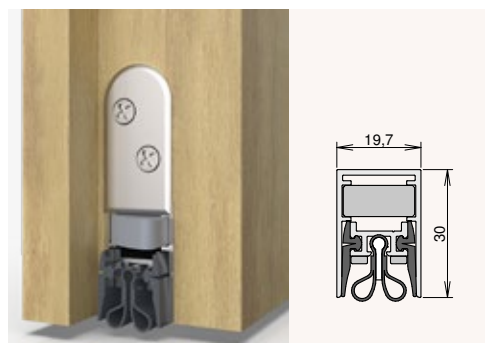
### Technical data

|                                       |                                                                 |                                                                |                                                                       |                                                                 |
|---------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| Groove width                          | 20 mm                                                           |                                                                | 20 mm                                                                 |                                                                 |
| Actuation                             | Double                                                          | Single                                                         | Double                                                                | Single                                                          |
| Sealing profile material              | Silicone, lead rubber                                           |                                                                | Silicone, lead rubber                                                 |                                                                 |
| Travel                                | 12 mm                                                           |                                                                | 12 mm                                                                 |                                                                 |
| Min. length                           | 708 mm                                                          | 220 mm                                                         | 708 mm                                                                | 220 mm (n. s.)                                                  |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm                                  |                                                                | 708, 833, 958, 1,083, 1,208 mm                                        |                                                                 |
| Maximum length                        | 1,500 mm                                                        | 2,000 mm                                                       | 1,500 mm                                                              | 2,000 mm                                                        |
| Can be shortened by                   | 125 mm from 708 mm                                              |                                                                | 125 mm from 708 mm                                                    |                                                                 |
| Article number                        | 1-528                                                           | 1-529                                                          | 1-294                                                                 | 1-295                                                           |
| Accessories<br>(included in delivery) | Art. no. 5600<br>including stain-<br>less steel press<br>plates | Art. no. 5610<br>including stain-<br>less steel press<br>plate | Art. no. 5420<br>including press<br>plates made of<br>stainless steel | Art. no. 5503<br>including stain-<br>less steel press<br>plates |



## Schall-Ex® Radiation protection WS BD

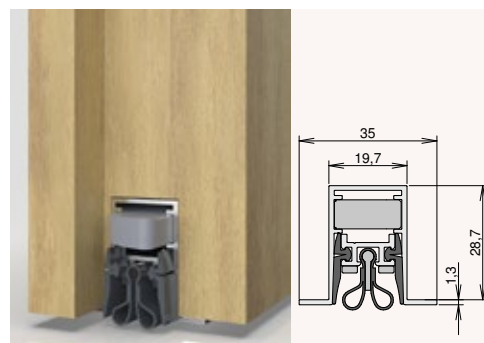
- For radiation protection doors with fire protection requirements
- Automatic height and level compensation
- Self-adjusting with overload protection



- Suitable for use with radiation protection doors: in accordance with DIN 6834

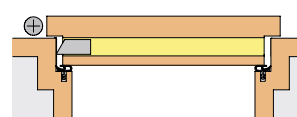
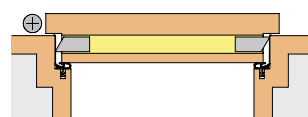
## Schall-Ex® Radiation protection OS BD

- For radiation protection doors with fire protection requirements
- Automatic height and level compensation
- Self-adjusting with overload protection



- Suitable for use with radiation protection doors: in accordance with DIN 6834

### Fixing



### Technical data

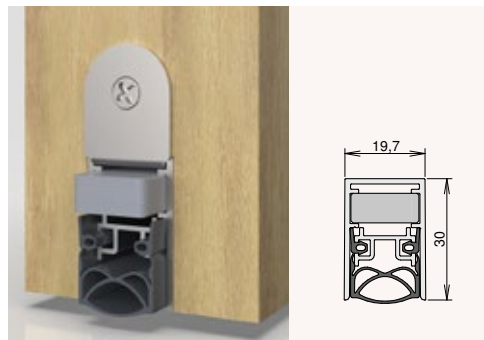
|                                    |                                                      |                                                     |
|------------------------------------|------------------------------------------------------|-----------------------------------------------------|
| Groove width                       | 20 mm                                                |                                                     |
| Actuation                          | Double                                               | Single                                              |
| Sealing profile material           | Silicone, lead rubber                                |                                                     |
| Travel                             | 12 mm                                                |                                                     |
| Min. length                        | 708 mm                                               | 220 mm (n. s.)                                      |
| Standard lengths                   | 708, 833, 958, 1,083, 1,208 mm                       |                                                     |
| Maximum length                     | 1,500 mm                                             | 2,000 mm                                            |
| Can be shortened by                | 125 mm from 708 mm                                   |                                                     |
| Article number                     | 1-522                                                | 1-521                                               |
| Accessories (included in delivery) | Art. no. 5600 including stainless steel press plates | Art. no. 5610 including stainless steel press plate |

|                                    |                                                              |                                                              |
|------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Groove width                       | 20 mm                                                        |                                                              |
| Actuation                          | Double                                                       | Single                                                       |
| Sealing profile material           | Silicone, lead rubber                                        |                                                              |
| Travel                             | 12 mm                                                        |                                                              |
| Min. length                        | 708 mm                                                       | 220 mm (n. s.)                                               |
| Standard lengths                   | 708, 833, 958, 1,083, 1,208 mm                               |                                                              |
| Maximum length                     | 1,500 mm                                                     | 2,000 mm                                                     |
| Can be shortened by                | 125 mm from 708 mm                                           |                                                              |
| Article number                     | 1-520                                                        | 1-519                                                        |
| Accessories (included in delivery) | Art. no. 5420 including press plates made of stainless steel | Art. no. 5503 including press plates made of stainless steel |



## Schall-Ex® Slide M-20 WS

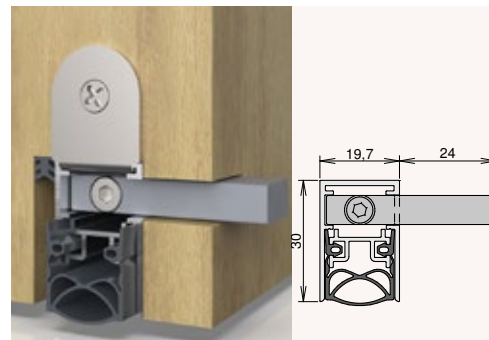
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection
- Sound absorption value > 50 dB with sealing height of 7 mm



- Tested in accordance with EN 1670

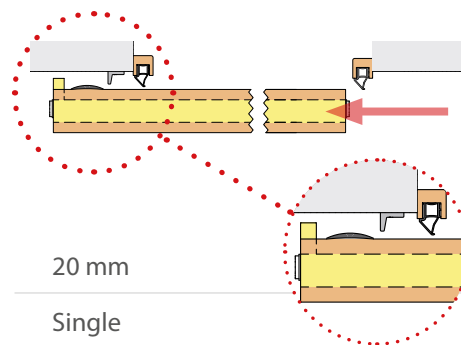
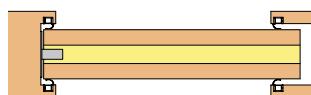
## Schall-Ex® Slide M-20 WS ZA

- For installation in sliding doors, with concealed actuation mechanism on the adjacent closing edge
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection



- Tested in accordance with EN 1670
- DIN R / L specification necessary

### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 20 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 12 mm                          |
| Min. length              | 220 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 2,000 mm                       |
| Can be shortened by      | 125 mm from 708 mm             |
| Article number           | 1-556                          |

Accessories  
(included in delivery)

Art. no. 5114  
including zinc die-cast press plate

|                                |             |
|--------------------------------|-------------|
| 20 mm                          |             |
| Single                         |             |
| Silicone, self-extinguishing   |             |
| 12 mm                          |             |
| 650 mm                         |             |
| 708, 833, 958, 1,083, 1,208 mm |             |
| 2,000 mm                       |             |
| Cannot be shortened            |             |
| 1-846 DIN/L                    | 1-847 DIN/R |

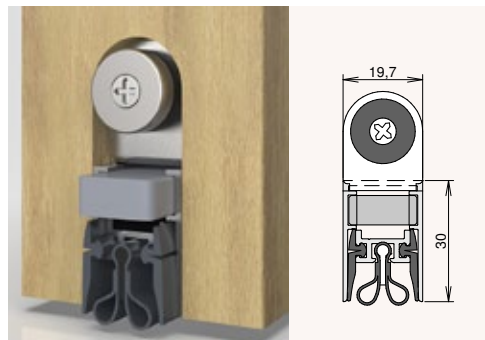
Art. no. 5114





## Schall-Ex® Slide & Lock Radiation protection M-20 WS

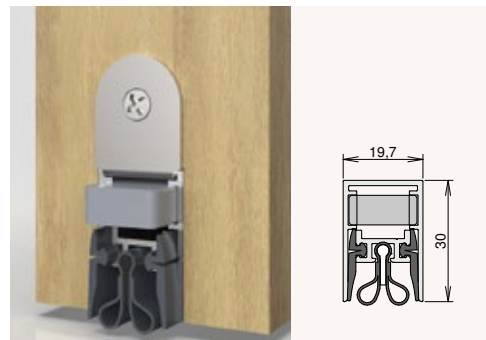
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection



In accordance with DIN 6834

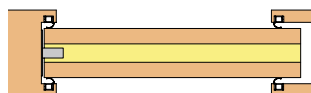
## Schall-Ex® Slide Radiation protection M-20 WS

- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection



In accordance with DIN 6834

### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 20 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, lead rubber          |
| Travel                   | 12 mm                          |
| Min. length              | 220 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 2,000 mm                       |
| Can be shortened by      | 125 mm from 708 mm             |
| Article number           | 1-551                          |

Accessories  
(included in delivery) Art. no. 5103  
incl. galvanised steel press plate

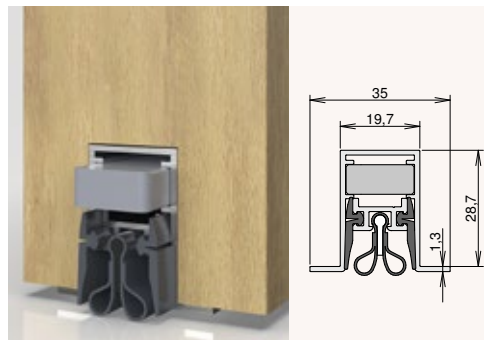
|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 20 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, lead rubber          |
| Travel                   | 12 mm                          |
| Min. length              | 220 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 2,000 mm                       |
| Can be shortened by      | 125 mm from 708 mm             |
| Article number           | 1-557                          |

Accessories  
(included in delivery) Art. no. 5114  
including zinc die-cast press plate



## Schall-Ex® Slide Radiation protection M-20 OS

- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection

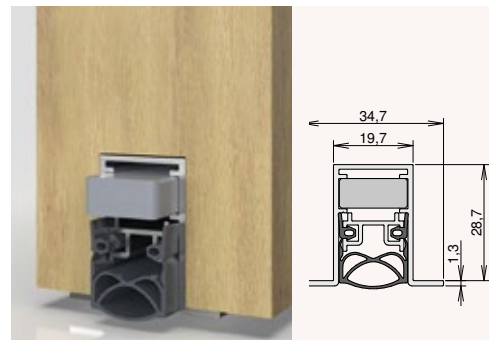


↪ In accordance with DIN 6834

## Schall-Ex® Slide M-20 OS

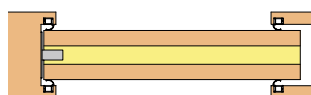
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection
- Sound absorption value > 50 dB with 7mm

Sealing height



↪ Tested in accordance with  
EN 1670

### Fixing



### Technical data

|                                       |                                                      |                                                      |
|---------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Groove width                          | 20 mm                                                | 20 mm                                                |
| Actuation                             | Single                                               | Single                                               |
| Sealing profile material              | Silicone, lead rubber                                | Silicone, self-extinguishing                         |
| Travel                                | 12 mm                                                | 12 mm                                                |
| Min. length                           | 220 mm (cannot be shortened)                         | 220 mm (cannot be shortened)                         |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm                       | 708, 833, 958, 1,083, 1,208 mm                       |
| Maximum length                        | 2,000 mm                                             | 2,000 mm                                             |
| Can be shortened by                   | 125 mm from 708 mm                                   | 125 mm from 708 mm                                   |
| Article number                        | 1-554                                                | 1-553                                                |
| Accessories<br>(included in delivery) | Art. no. 5111<br>including zinc die-cast press plate | Art. no. 5111<br>including zinc die-cast press plate |



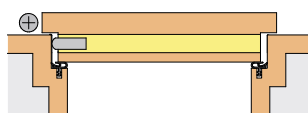
## Unidicht M-20

### with synthetic casing

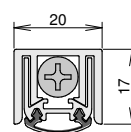
- Low overall height matches profile systems
- Thermal separation through synthetic outer casing
- Can be screwed on through the seal
- Seal without threshold up to 10 mm



### Fixing



|                                       |                                |
|---------------------------------------|--------------------------------|
| Groove width                          | 20 mm                          |
| Actuation                             | Single                         |
| Sealing profile material              | Silicone                       |
| Travel                                | 11 mm                          |
| Min. length                           | 330 mm (cannot be shortened)   |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length                        | 1,333 mm                       |
| Can be shortened by                   | 125 mm from 708 mm             |
| Article number                        | 1-391                          |
| Accessories<br>(included in delivery) | 5109                           |





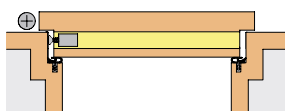
## Schall-Ex® Jumbo I

**For doors with extremely wide  
sealing-gaps**

- Acoustic seal for gaps  
up to 35 mm
- Actuation on the hinge side with  
adjusting screw
- No DIN R / L specification necessary



### Fixing

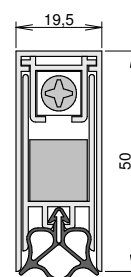


### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 20 mm                          |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 35 mm                          |
| Min. length              | 450 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,700 mm                       |
| Can be shortened by      | 60 mm, for standard lengths    |
| Article number           | 1-154                          |

Accessories  
(included in delivery)

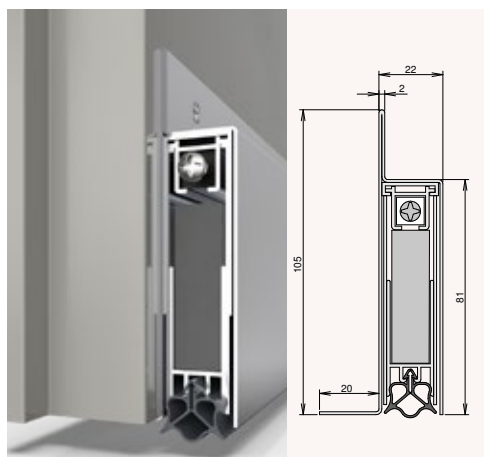
Art. no. 5400  
including stainless steel press plate





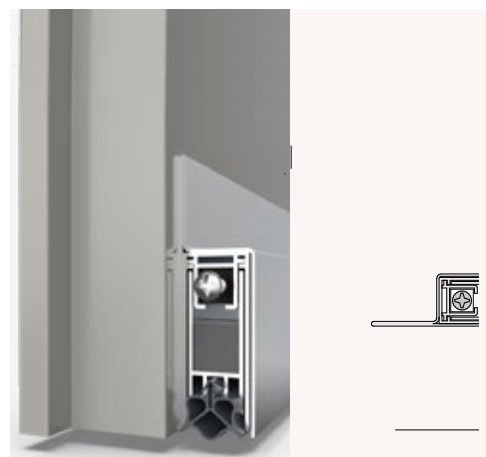
## Schall-Ex® JUMBO II

- Seals doors and gates with extremely wide gaps up to 50 mm
- Suitable for acoustic doors



## Schall-Ex® JUMBO III

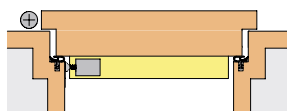
- Seals doors and gates with extremely wide gaps up to 35 mm
- Suitable for acoustic doors



### Plinth

- Robust stainless steel cover
- Robust stainless steel cover

### Fixing Jumbo II and III



### Technical data

Overall dimensions W x H

22 x 81 mm

Actuation

Single

Sealing profile material

Silicone, self-extinguishing

Travel

50 mm

Min. length

710 mm (cannot be shortened)

Maximum length

1,700 mm

Can be shortened by

60 mm, for standard lengths

Individually packed

Foil tube

Article number

1-474

Accessories  
(included in delivery)

Art. no. 5935 incl. pressplate  
of steel, GV

2,2 x 52.5 mm

Single

Silicone, self-extinguishing

35 mm

450 mm (cannot be shortened)

1,700 mm

60 mm, for standard lengths

Foil tube

1-157

Art. no. 5935 incl. pressplate  
of steel, GV





# AUTOMATIC DOOR SEALS for metal and system doors

**Barrier-free, sound insulation, smoke control, fire protection, tight seal and draught-free**

Made-to-measure system doors call for customised sealing solutions. Doors for use in systems are typically installed in public buildings, factory halls and other industrial buildings.

- For acoustic, smoke and fire protection doors, tested by renowned test institutes
- Barrier-free
- Sound reduction of up to 54 dB
- Travel: up to 16 mm
- For single actuation
- Smoke control as per DIN18095 / EN1634





## The new Stadi

### Modular design with a system

The new version of Athmer's Stadi sealing range for system doors made of plastic, steel or aluminium is so versatile and adaptable that it covers a wide range of applications.

All Stadi versions are based on the same mechanical philosophy and this brings many advantages with it – such as parallel lowering, dispensing with an inner rail offset or the option of time-delayed closing.

In addition, the new Stadi series has been extended to include seals in sizes 17/17 and 17/20.



Certificate:  
"DIN approved -  
Barrier-free"



R. NO. P1 18/50/07



**Fire doors**



**Acoustic doors**



**Closes with a tight seal**



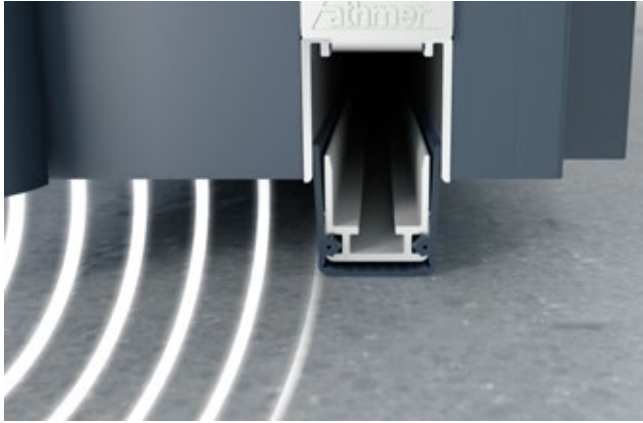
**Damp room doors**



**Barrier-free access**



**Smoke doors**



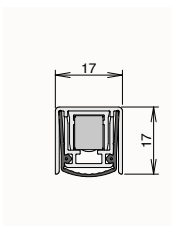
### Optional time lag actuation

An optional time lag mechanism is available for all Stadi seals to delay closing.

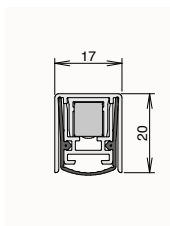
A damping cylinder in combination with a spring ensures that the seal closing time is extended to about 6 to 8 seconds allowing the air to be displaced during this time and making the door suitable for airlock situations.

When the door is opened, the seal immediately lifts back up, thereby dispensing with any drag.

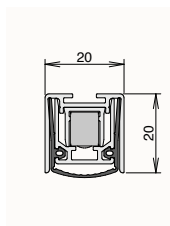
**Stadi M-17/17 WS**



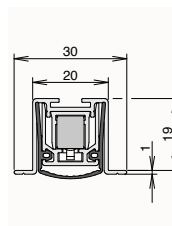
**Stadi L-17/20 WS**



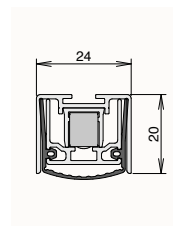
**Stadi L-20/20 WS**



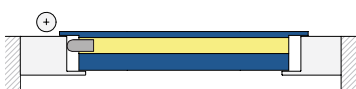
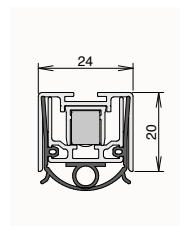
**Stadi L-20/20 OS**



**Stadi L-24/20 WS**

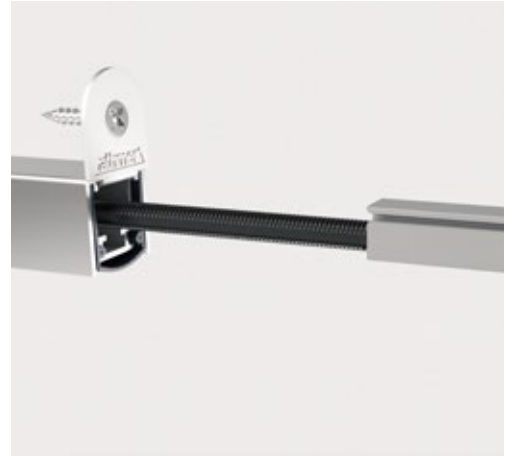


**Athmer Rainstop® L-24/20 WS**



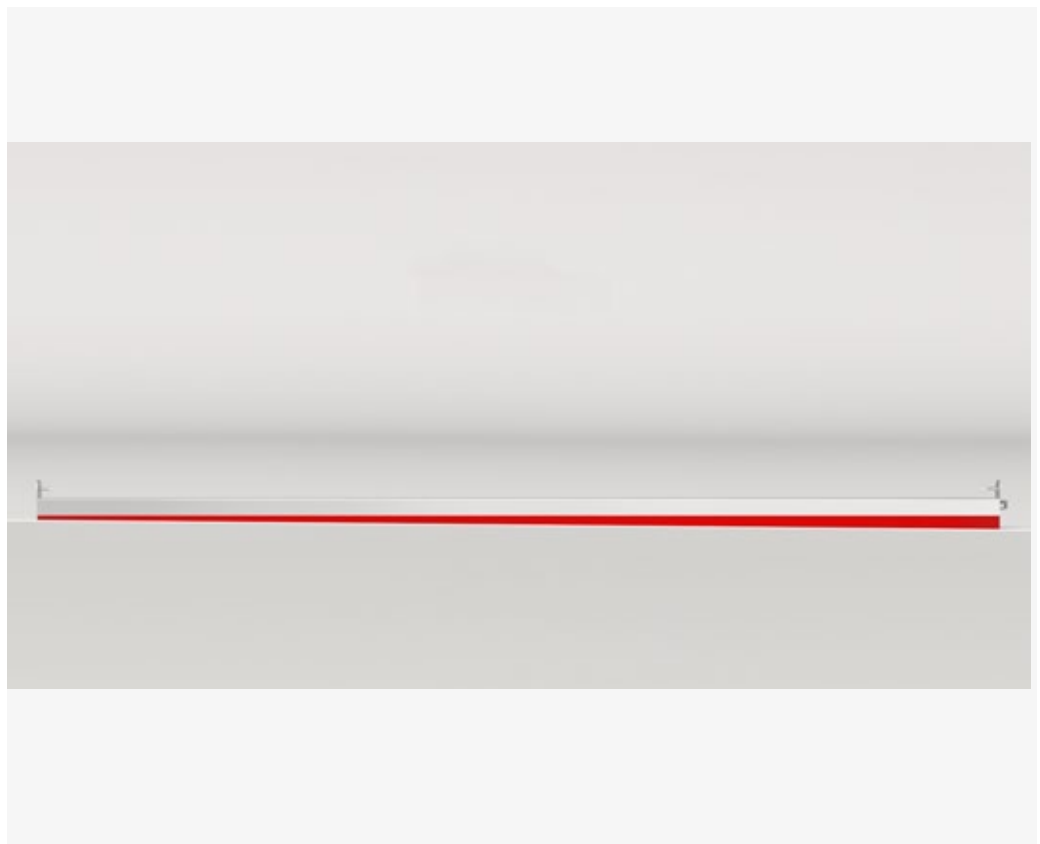
## Stadi - M / Stadi -L

- Significantly improved sound insulation of up to 54 dB
- Additional smaller dimensions (to 17/17)
- Easy maintenance, easy removal of the inner rail for changing the sealing profile
- No tools needed for adjustment
- Sliding actuator
- Hinge-side actuation
- **Optional** set-up for (standard) flush bolt
- **Optional** set-up for flush bolt
- Parallel actuation, automatic level compensation, overload protection
- No inner rail offset, resulting in improved corner seal
- Barrier-free access, lower actuation forces
- Easy screw-on angled installation
- Seal travel: up to 16 mm
- Suitable for DIN L/R
- Sealing profile made of self-extinguishing silicone for acoustic, smoke and fire protection (optionally silicone-free)
- Wide sealing profile for flexible floor level adjustment
- Automatic door seals bear the Ü-sign of compliance
- Stainless steel springs and rustproof inner mechanical parts

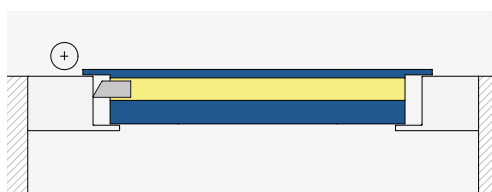


**Automatic  
level compensation**

- Improved operational reliability since the system self-adjusts if conditions change

**Actuation****Hinge-side or lock-side actuation, as required**

- Actuator catch on hinge side



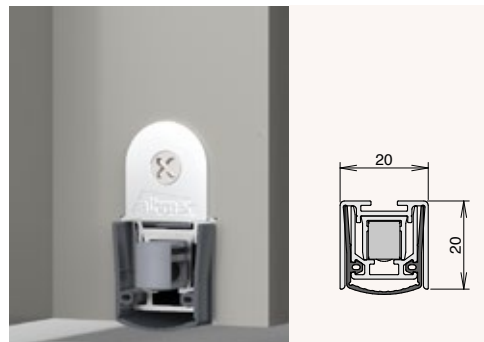


## Stadi L-20/20 WS Stadi LD-20/20 WS

- New, small Stadi model
- Sound reduction of up to 52 dB
- Parallel actuation
- No inner rail offset

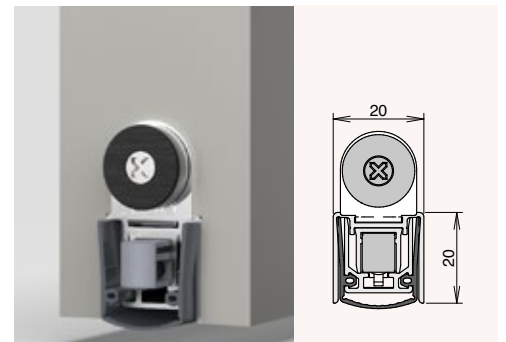
### Optionally:

LD version / with time-lag actuation

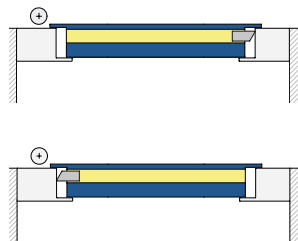


## Stadi® Slide & Lock L-20/20 WS

- New, small Stadi model
- Sound reduction of up to 52 dB
- Parallel actuation
- No inner rail offset



### Actuation



### Technical data

Width Height

Actuation

Time lag actuation

Sealing profile

Travel

Min. length

Standard lengths

Maximum length

Can be shortened  
(on lock side)

Can be shortened  
(on hinge side)

Article number

**L**

**LD**

20 x 20 mm

Single

-

Silicone, self-extinguishing

16 mm

230 mm

635 mm

750, 900, 1,050, 1,200 mm

2,000 mm

1,600 mm

150 mm

from length 801 /  
125 mm

-

1-939

1-952

20 x 20 mm

Single

-

Silicone, self-extinguishing

16 mm

485 mm

708, 833, 958, 1,083, 1,208 mm

2,000 mm

150 mm

-

1-967



## Stadi Slide L-20/20 WS

- Automatic height and level compensation
- Sound reduction of up to 52 dB
- Only one groove depth, so no gradation milling
- Easy screw-on angled installation

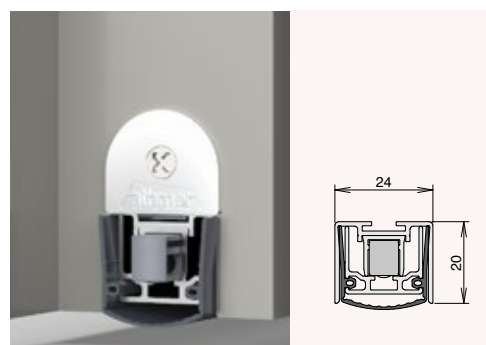


## Stadi L-24/20 WS Stadi LD-24/20 WS

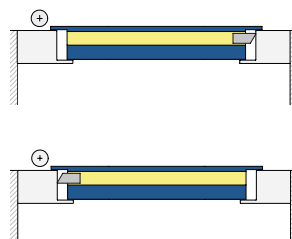
- Automatic height and level compensation
- Sound reduction of up to 54 dB

### Optionally:

- LD version / with time-lag actuation
- Set-up for Ø 10 mm standard flush bolt
- Optional set-up for flush bolt
- Silicone-free, self-extinguishing hard/soft profile



### Actuation



### Technical data

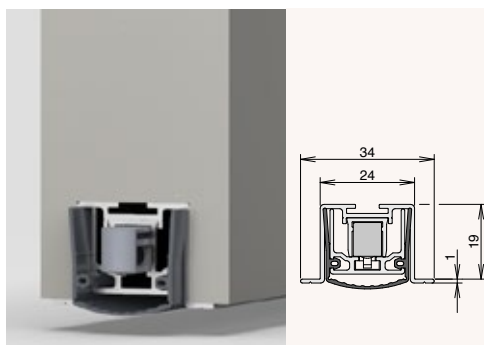
|                                  |        |                                |
|----------------------------------|--------|--------------------------------|
| Width                            | Height | 20 x 20 mm                     |
| Actuation                        |        | Single                         |
| Time lag actuation               |        | -                              |
| Sealing profile                  |        | Silicone, self-extinguishing   |
| Travel                           |        | 16 mm                          |
| Min. length                      |        | 485 mm                         |
| Standard lengths                 |        | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length                   |        | 2,000 mm                       |
| Can be shortened (on lock side)  |        | 150 mm                         |
| Can be shortened (on hinge side) |        |                                |
| Article number                   |        | 1-966                          |

| L                          |       | LD                          |
|----------------------------|-------|-----------------------------|
| 24 x 20 mm                 |       |                             |
| Single                     |       |                             |
| -                          | -     | ✓                           |
| SiliconeSelf-extinguishing | TPE   | Silicone Self-extinguishing |
| 16 mm                      |       |                             |
| 230 mm                     |       | 635 mm                      |
| 750, 900, 1,050, 1,200 mm  |       |                             |
| 2,000 mm                   |       | 1,600 mm                    |
| 150 mm                     |       |                             |
| from length 801 / 125 mm   |       | -                           |
| 1-938                      | 1-962 | 1-951                       |



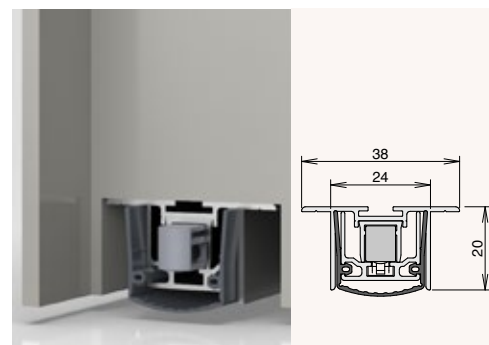
## Stadi L-24/20 OS

- Automatic height and level compensation
- Sound reduction of up to 54 dB
- Optional set-up for Ø 10 mm standard flush bolt
- Optional set-up for flush bolt
- Optional silicone-free, self-extinguishing hard/soft profile

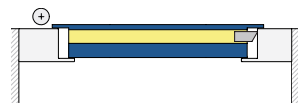


## Stadi L-24/20 TS

- Automatic height and level compensation
- Sound reduction of up to 54 dB
- Optional set-up for Ø 10 mm standard flush bolt
- Optional set-up for flush bolt
- Optional silicone-free, self-extinguishing hard/soft profile



### Actuation



### Technical data

|                                  |        |                              |       |
|----------------------------------|--------|------------------------------|-------|
| Width                            | Height | 24 x 20 mm                   |       |
| Actuation                        |        | Single                       |       |
| Time lag actuation               |        | -                            | -     |
| Sealing profile                  |        | Silicone, self-extinguishing | TPE   |
| Travel                           |        | 16 mm                        |       |
| Min. length                      |        | 230 mm                       |       |
| Standard lengths                 |        | 750, 900, 1,050, 1,200 mm    |       |
| Maximum length                   |        | 3,000 mm                     |       |
| Can be shortened (on lock side)  |        | 150 mm                       |       |
| Can be shortened (on hinge side) |        | from length 801 / 125 mm     |       |
| Article number                   |        | 1-959                        | 1-970 |

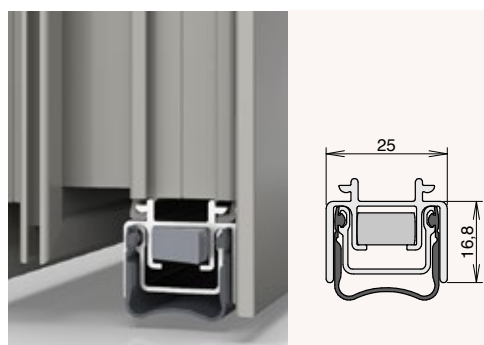
|                                  |        |                              |       |
|----------------------------------|--------|------------------------------|-------|
| Width                            | Height | 24 x 20 mm                   |       |
| Actuation                        |        | Single                       |       |
| Time lag actuation               |        | -                            | -     |
| Sealing profile                  |        | Silicone, self-extinguishing | TPE   |
| Travel                           |        | 16 mm                        |       |
| Min. length                      |        | 230 mm                       |       |
| Standard lengths                 |        | 750, 900, 1,050, 1,200 mm    |       |
| Maximum length                   |        | 3,000 mm                     |       |
| Can be shortened (on lock side)  |        | 150 mm                       |       |
| Can be shortened (on hinge side) |        | from length 801 / 125 mm     |       |
| Article number                   |        | 1-960                        | 1-971 |





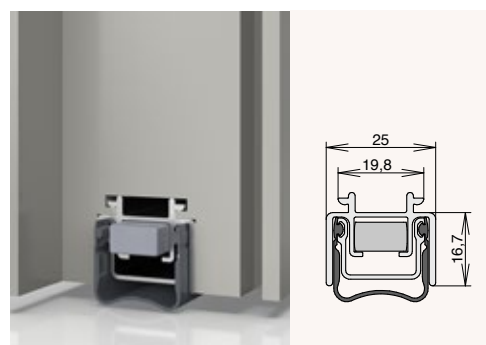
## Stadi L-24/20 ES

- Automatic height and level compensation
- Bracketless fixing  
with slide-on installation

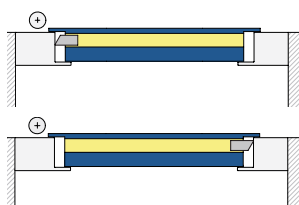


## Stadi Slide L-24/20 ES

- Automatic height and level compensation
- Bracketless fixing  
with slide-on installation



### Actuation



### Technical data

| Width                    | Height | 25 mm                        | 16.7 mm |
|--------------------------|--------|------------------------------|---------|
| Actuation                |        | Single                       |         |
| Sealing profile material |        | Silicone, self-extinguishing |         |
| Travel                   |        | 13 mm                        |         |
| Min. length              |        | 250 mm (cannot be shortened) |         |
| Standard lengths         |        | 750, 900, 1,050, 1,200 mm    |         |
| Maximum length           |        | 3,000 mm                     |         |
| Can be shortened by      |        | 150 mm                       |         |
| Article number           |        | 1-896                        |         |

Accessories  
(included in delivery) Art. no. 5485  
including stainless steel press plates

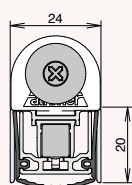
| Width                    | Height | 25 mm                          | 16.7 mm |
|--------------------------|--------|--------------------------------|---------|
| Actuation                |        | Single                         |         |
| Sealing profile material |        | Silicone, self-extinguishing   |         |
| Travel                   |        | 13 mm                          |         |
| Min. length              |        | 250 mm (cannot be shortened)   |         |
| Standard lengths         |        | 708, 833, 958, 1,083, 1,208 mm |         |
| Maximum length           |        | 3,000 mm                       |         |
| Can be shortened by      |        | 150 mm                         |         |
| Article number           |        | 1-897                          |         |

Art. no. 5485  
including stainless steel press plates



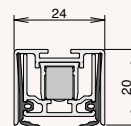
## Schall-Ex® Slide & Lock L-24/20 WS

- Automatic height and level compensation
- Only one groove depth, so no gradation milling required
- Integrated magnet lock (holding power 70 N)



## Schall-Ex® Slide L-24/20 WS

- Automatic height and level compensation
- Only one groove depth, so no gradation milling required
- Easy screw-on angled installation



### Actuation



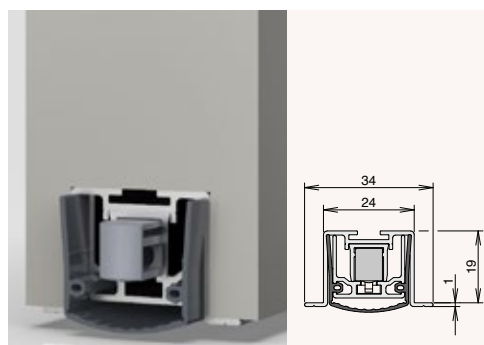
### Technical data

| Width                            | Height | 24 x 20 mm                     | 24 x 20 mm                     |
|----------------------------------|--------|--------------------------------|--------------------------------|
| Actuation                        |        | Single                         | Single                         |
| Time lag actuation               |        | -                              | -                              |
| Sealing profile                  |        | Silicone, self-extinguishing   | Silicone, self-extinguishing   |
| Travel                           |        | 16 mm                          | 16 mm                          |
| Min. length                      |        | 485 mm                         | 485 mm                         |
| Standard lengths                 |        | 708, 833, 958, 1,083, 1,208 mm | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length                   |        | 2,000 mm                       | 2,000 mm                       |
| Can be shortened (on lock side)  |        | 150 mm                         | 150 mm                         |
| Can be shortened (on hinge side) |        | from length 801 / 125 mm       | from length 801 / 125 mm       |
| Article number                   |        | 1-965                          | 1-964                          |



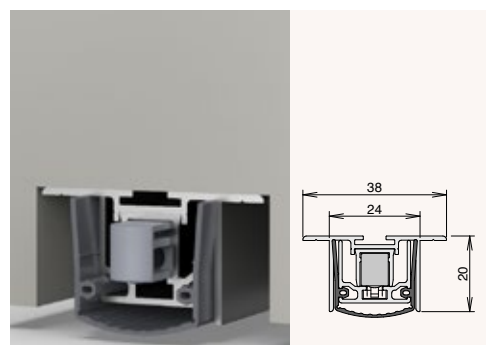
## Schall-Ex® Slide L-24/20 OS

- Automatic height and level compensation
- Only one groove depth, so no gradation-milling required



## Schall-Ex® Slide L-24/20 TS

- Automatic height and level compensation
- Only one groove depth, so no gradation-milling required



### Actuation



### Technical data

| Width                            | Height | 24 x 20 mm                     |
|----------------------------------|--------|--------------------------------|
| Actuation                        |        | Single                         |
| Time lag actuation               |        | -                              |
| Sealing profile                  |        | Silicone, self-extinguishing   |
| Travel                           |        | 16 mm                          |
| Min. length                      |        | 485 mm                         |
| Standard lengths                 |        | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length                   |        | 3,000 mm                       |
| Can be shortened (on lock side)  |        | 150 mm                         |
| Can be shortened (on hinge side) |        | from length 801 / 125 mm       |
| Article number                   |        | 1-968                          |

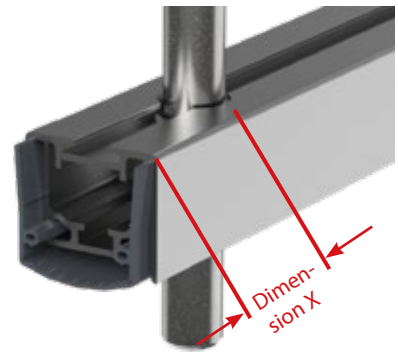
| Width                            | Height | 24 x 20 mm                     |
|----------------------------------|--------|--------------------------------|
| Actuation                        |        | Single                         |
| Time lag actuation               |        | -                              |
| Sealing profile                  |        | Silicone, self-extinguishing   |
| Travel                           |        | 16 mm                          |
| Min. length                      |        | 485 mm                         |
| Standard lengths                 |        | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length                   |        | 3,000 mm                       |
| Can be shortened (on lock side)  |        | 150 mm                         |
| Can be shortened (on hinge side) |        | from length 801 / 125 mm       |
| Article number                   |        | 1-969                          |

**Seals even double-wing doors without leaving any gaps**

**For Ø 10 mm flush bolt**

## Flush bolt set-up

- Seal can be shortened on actuation side!  
(Standard lengths from 900 mm by 125 mm)
- Available for all backsets. State dimension X on the order
- Standard floor recess can be used



**Compatible with Stadi L**

## Stainless steel flush bolt

- Seals and flush bolt compatible with each other
- Bolt with continuously adjustable height with built-in seal
- Different versions for top and bottom
- Optional: Door seal prepared for flush bolt
- Seal can be cut to length! Can be kept in stock



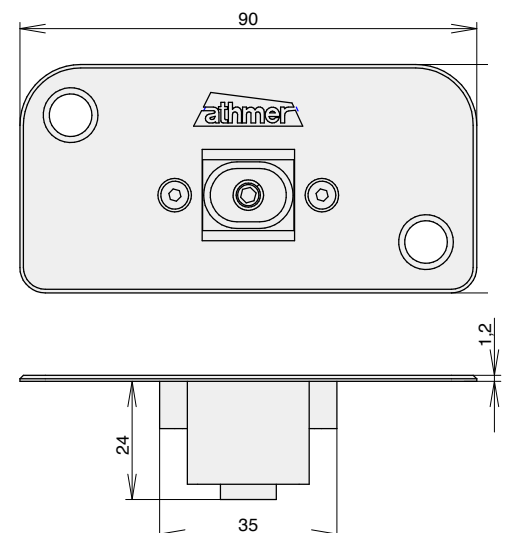
Note: Minimum length if flush bolt hole incorporated = distance from drilled hole (X) + 270 mm

## Stainless steel floor strike recess

**For Ø 10 mm flush bolt**

### BS-10

- Continuously adjustable range  $\pm 2$  mm in opening and closing direction
- Retainer with elongated slot for easy positioning and tolerance compensation
- Optimal for automatic locks:  
Long mounting surface and wide chamfer
- Stainless steel floor plate and retainer
- Zinc die-cast housing





## Stadi L-24/15 BN

- Groove for fittings
- Automatic height and level compensation
- Parallel lowering from 580 mm

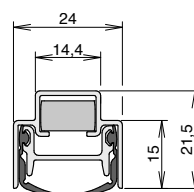


### Actuation



### Technical data

|                          |        |                                                           |       |
|--------------------------|--------|-----------------------------------------------------------|-------|
| Width                    | Height | 24 mm                                                     | 15 mm |
| Actuation                |        | Single                                                    |       |
| Sealing profile material |        | Silicone, self-extinguishing                              |       |
| Travel                   |        | 11 mm                                                     |       |
| Min. length              |        | 260 mm (cannot be shortened)                              |       |
| Standard lengths         |        | 400, 580, 650, 750, 900, 1.050, 1,200, 1,350 and 1,500 mm |       |
| Maximum length           |        | 2,000 mm                                                  |       |
| Can be shortened by      |        | 150 mm                                                    |       |
| Article number           |        | 1-904                                                     |       |



Accessories  
(included in delivery)

Art. no. 5200  
including stainless steel press plate



## Athmer Rainstop®

### Barrier-free external door seals

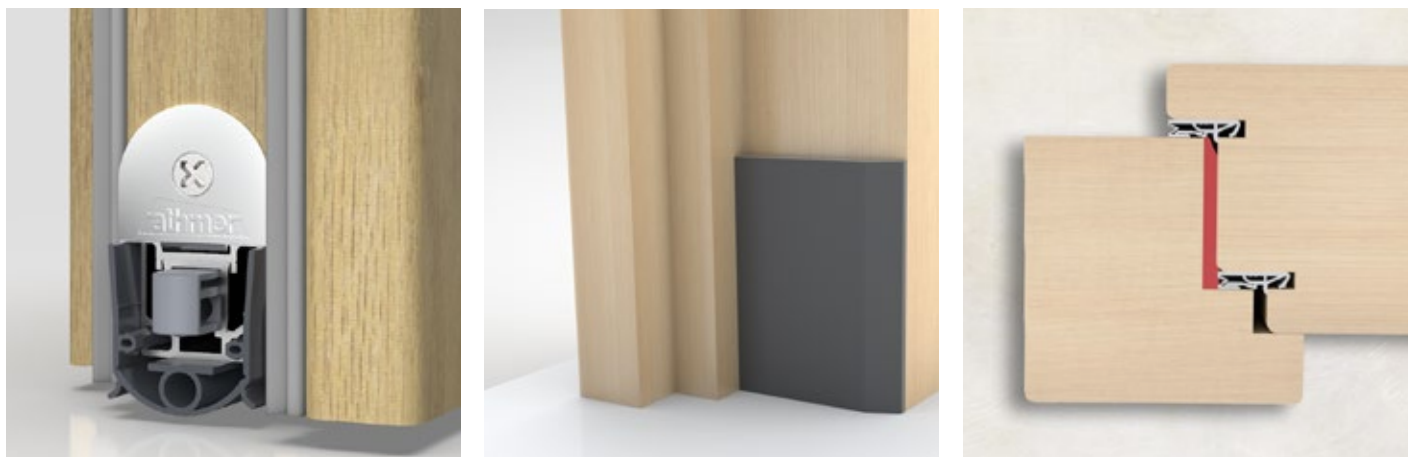
For Athmer, the optimum operating comfort of doors has traditionally been at the top of the agenda in product development. Today, we are experiencing that the requirements for barrier-free planning, construction and living are becoming increasingly important. However, despite the zero threshold and barrier-free access, especially on outside doors, neither wind, driving rain or noise are allowed to penetrate the interior.

With the new Athmer Rainstop® external door seal, Athmer is bringing a door seal onto the market that has been proven to meet all of the above-mentioned requirements.

For timber doors, the sealing system is available as a set with a suitable corner solution. The corner connection consists of a special water-repellent EPDM foam and can be cut to various rebate depths and geometries without any problems and in the shortest possible time. The self-adhesive foam parts can be stuck into the door frames without any unnecessary drying times.

A frame gap of three to six millimetres is thus effectively covered without any further adjustment of the seal and the door is protected against driving rain on all sides.

Athmer Rainstop® is threshold-free and therefore scores points not only visually, but also offers maximum accessibility.



## Zero means zero

Athmer Rainstop® stands for certified quality: the renowned ift Rosenheim certifies the new sealing system's resistance to driving rain, resistance to wind load and excellent sound reduction values up to 51dB. Furthermore, Athmer Rainstop has successfully passed salt spray testing by the MPA NRW.

Athmer Rainstop® is based on the technology of the well-known and proven STADI-L series for system doors and therefore bears the Ü-sign of compliance. The sealing system is certified as barrier-free according to DIN 18040.

System door manufacturers can adapt Athmer Rainstop® individually, according to the geometry of their aluminium, plastic or steel door in corner areas - each profile door manufacturer requires their own solution, depending on the position of the seal and the hinge geometry.

We bring competence and experience to the table in cooperation and, together with the manufacturers, develop solutions that provide the highest tightness against wind, driving rain and noise - with minimal cost and effort.

In individual cases, additional measures such as rain guards, sanding brushes and drainage options in the threshold area can be taken into account and checked.



R. NO. P1B050/07







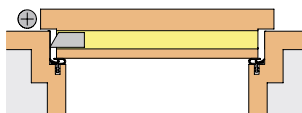
## Athmer Rainstop® L-24/20 WS

### Fast and reliable installation

- Sound reduction up to 51 dB
- Suitable for DIN L/R
- For doors opening outwards and inwards
- Automatic height adjustment
- Set-up for Ø10mm flush bolt optional
- Optional set-up for flush bolt
- No tools needed for adjustment

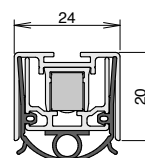


### Actuation



### Technical data

|                                       |        |                                                                 |
|---------------------------------------|--------|-----------------------------------------------------------------|
| Width                                 | Height | 24 x 20 mm                                                      |
| Actuation                             |        | Single                                                          |
| Sealing profile material              |        | Silicone, self-extinguishing                                    |
| Travel                                |        | 16 mm                                                           |
| Min. length                           |        | 230 mm (cannot be shortened)                                    |
| Standard lengths                      |        | 900, 975, 1,050, 1,125, 1,200, 1,275, 1,350, 1,425 and 1,500 mm |
| Maximum length                        |        | 2,000 mm                                                        |
| Can be shortened by                   |        | 150 mm                                                          |
| Article number                        |        | 1-955                                                           |
| Accessories<br>(included in delivery) |        | Art. no. 5475<br>including stainless steel press plate          |



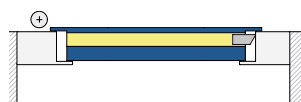


## Stadi L-30/20 WS

- Automatic height and level compensation
- Sound reduction of up to 50 dB
- Optional set-up for Ø 10 mm standard flush bolt
- Optional set-up for flush bolt



### Actuation

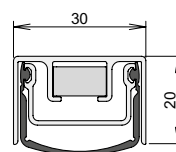


### Technical data

| Width                    | Height | 30 mm                        | 20 mm |
|--------------------------|--------|------------------------------|-------|
| Actuation                |        | Single                       |       |
| Sealing profile material |        | Silicone, self-extinguishing |       |
| Travel                   |        | 16 mm                        |       |
| Min. length              |        | 260 mm (cannot be shortened) |       |
| Standard lengths         |        | 750, 900, 1,050, 1,200 mm    |       |
| Maximum length           |        | 2,000 mm                     |       |
| Can be shortened by      |        | 150 mm                       |       |
| Article number           |        | 1-657                        |       |

Accessories  
(included in delivery)

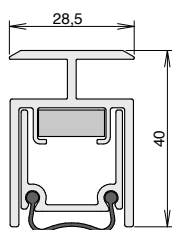
Art. no. 5138  
including stainless steel press plate



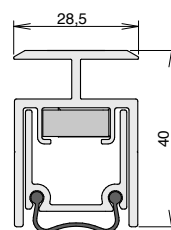


## Stadi-XL 40 DT

- Seal travel: up to 20 mm
- Sealing profile made of self-extinguishing silicone
- Optional: Stainless steel cover plates in two different versions (see p. 59)
- Also for fire and smoke doors



Type Stadi XL-40 DT



Type Stadi XL-40 ST

### Fixing DT



### Technical data

|                          |                           |
|--------------------------|---------------------------|
| Groove width             | 28.5 mm                   |
| Actuation                | Single                    |
| Sealing profile material | Silicone                  |
| Travel                   | 20 mm                     |
| Min. length              | 285 mm (n. s.)            |
| Standard lengths         | 750, 900, 1,050, 1,200 mm |
| Maximum length           | 2,000 mm                  |
| Can be shortened by      | 125 from 708 mm           |
| Article number           | 1-478                     |

### Type Stadi XL-40 DT

|                          |                           |
|--------------------------|---------------------------|
| Groove width             | 28.5 mm                   |
| Actuation                | Single                    |
| Sealing profile material | Silicone                  |
| Travel                   | 20 mm                     |
| Min. length              | 285 mm (n. s.)            |
| Standard lengths         | 750, 900, 1,050, 1,200 mm |
| Maximum length           | 2,000 mm                  |
| Can be shortened by      | 125 from 708 mm           |
| Article number           | 1-478                     |

### Type Stadi XL-40 ST

|                          |                                              |
|--------------------------|----------------------------------------------|
| Groove width             | 28.5 mm                                      |
| Actuation                | Single                                       |
| Sealing profile material | Silicone                                     |
| Travel                   | 20 mm                                        |
| Min. length              | 285 mm (n. s.)                               |
| Standard lengths         | 750, 900, 1,050, 1,200 mm                    |
| Maximum length           | up to 2,100 (one-part) 8,000 mm (multi-part) |
| Can be shortened by      | 125 mm end element                           |
| Article number           | 1-477                                        |

Accessories  
(included in delivery)

Art. no. 5962

Art. no. 5960 / 5962

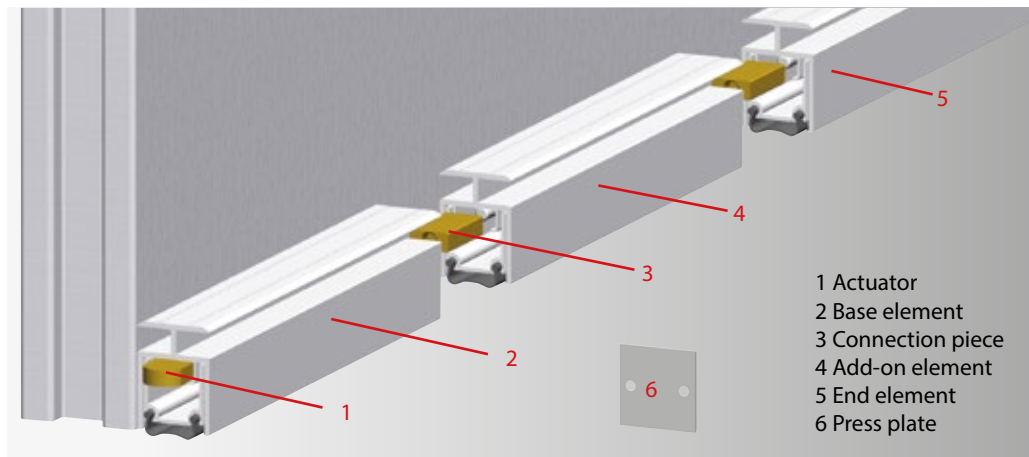


## Stadi-XL 40 ST

- Multi-part sealing system
- Especially robust version
- 8 m door or gate width
- Seal travel: up to 20 mm
- Sealing profile made of self-extinguishing silicone
- Optional: Stainless steel cover plates in two different versions
- Also for fire and smoke doors



### Example of installation Stadi-XL ST



### Fixing ST

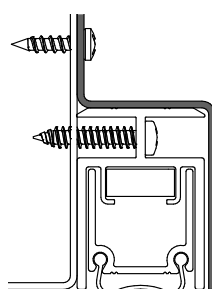


### Technical data

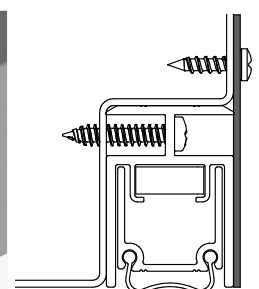
- See table on page 58

### Options

(Screw-on) stainless steel cover plate A



(Flush-mounted) stainless steel cover plate E





# AUTOMATIC DOOR SEALS

## For glass doors

**Barrier-free, sound insulation, smoke control, fire protection, tight seal and draught-free**

Athmer sealing systems for glass doors are versatile in use and are suitable for all glass types and thicknesses.

- Acoustic, smoke and fire doors
- Solutions for sliding doors
- Barrier-free access
- For numerous glass thicknesses
- Also for retrofitting

**Product family****Schall-Ex® GS**

- For all-glass doors
- Suitable for DIN-L and DIN-R doors
- For acoustic, smoke and fire protection
- Models available for retrofitting
- Available in fixed and standard lengths
- Anodised surfaces optional to Euras or colour coated as per RAL

**Smoke and fire doors****Acoustic doors****Barrier-free****“Ü” sign of compliance****Optional: Stopper plinth**

- Sealing profile made of self-extinguishing silicone
- Superior seal in combination with Athmer thresholds
- Meets requirements for barrier-free construction
- All automatic door seals for glass doors are supplied with the “Ü” sign of compliance



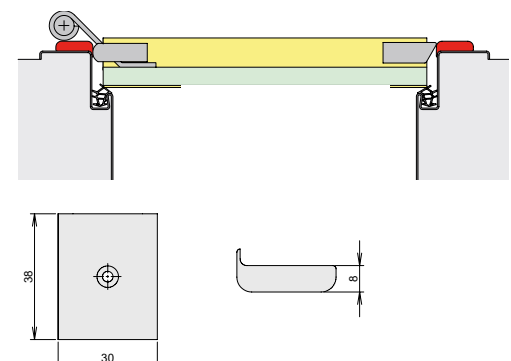
Sound insulation test report for Schall-Ex GS-8 available on request



Certificate: "DIN approved - Barrier-free"



- To optimise actuation in special frames.  
Art. no. 5110 anodised silver-coloured  
Art. no. 5118 anodised stainless steel-coloured (consisting of one pair with fixing screws)







## Schall-Ex® GS-A

- For all doors from 6 mm glass thickness
- Seal and cover profile self-adhesive
- Reduced storage costs
- Suitable for retrofitting



### Surface finish

- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

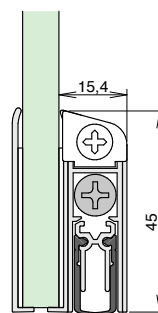
### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| glass thickness          | ≥ 6 mm                         |
| Overall dimensions H x W | 15.4 x 45 mm                   |
| Actuation                | 1-sided, hinge side            |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 235 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,333 mm                       |
| Can be shortened by      | 125 mm                         |
| Individually packed      | Foil tube                      |
| Article number           | 1-814 C-0      1-815 C-31      |

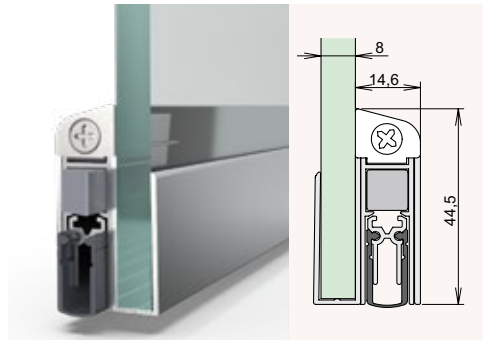
Accessories  
(included in delivery)      Art. no. 5115  
including stainless steel press plate





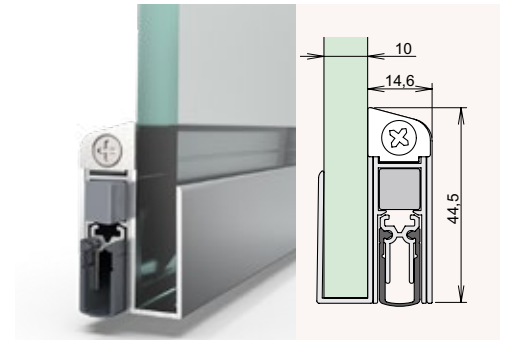
## Schall-Ex® Duo GS-8

- For doors with 8 mm glass thickness
- Double actuation
- Minimal, barely perceptible actuation pressure
- Suitable for DIN-L and DIN-R doors
- U-profile to be affixed with appropriate-construction adhesive



## Schall-Ex® Duo GS-10

- For doors with 10 mm glass thickness
- Double actuation
- Minimal, barely perceptible actuation pressure
- Suitable for DIN-L and DIN-R doors
- U-profile to be affixed with appropriate-construction adhesive



### Surface finish

- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31
- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

### Fixing



### Technical data

|                          |                                |                                |
|--------------------------|--------------------------------|--------------------------------|
| Glass thickness          | 8 mm                           | 10 mm                          |
| Overall dimensions H x W | 14.6 x 44.5 mm                 | 14.6 x 44.5 mm                 |
| Actuation                | Double                         | Double                         |
| Sealing profile material | Silicone, self-extinguishing   | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          | 11 mm                          |
| Min. length              | 650 mm (cannot be shortened)   | 650 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,333 mm                       | 1,333 mm                       |
| Can be shortened by      | 125 mm                         | 125 mm                         |
| Individually packed      | Foil tube                      | Foil tube                      |
| Article number           | 1-408 C-0      1-670 C-31      | 1-593 C-0      1-672 C-31      |

Accessories  
(included in delivery)

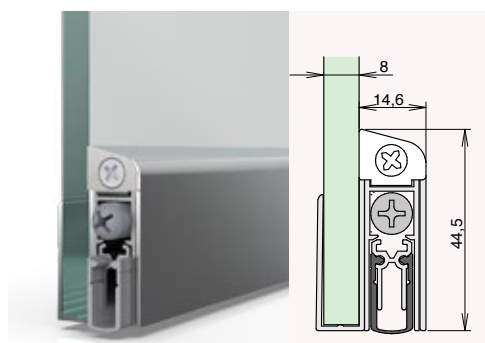
Art. no. 5420  
including stainless steel press plate

Art. no. 5420  
including stainless steel press plate



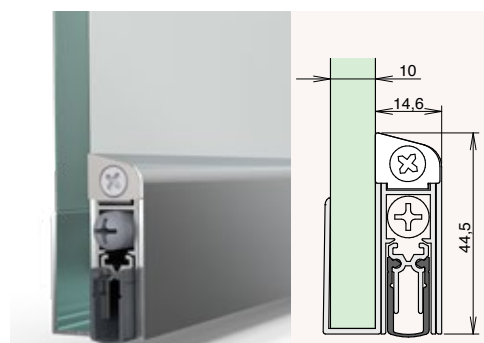
## Schall-Ex® GS-8

- For doors with 8 mm glass thickness
- Single actuation
- Suitable for DIN-L and DIN-R doors
- U-profile to be affixed with appropriate construction adhesive



## Schall-Ex® GS-10

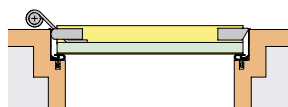
- For doors with 10 mm glass thickness
- Single actuation
- Suitable for DIN-L and DIN-R doors
- U-profile to be affixed with appropriate construction adhesive



### Surface finish

- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Glass thickness          | 8 mm                           |
| Overall dimensions H x W | 14.6 x 44.5 mm                 |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 235 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,333 mm                       |
| Can be shortened by      | 125 mm                         |
| Individually packed      | Foil tube                      |
| Article number           | 1-407 C-0      1-671 C-31      |

Accessories (included in delivery)      Art. no. 5503 including stainless steel press plate

|                          |                                |
|--------------------------|--------------------------------|
| Glass thickness          | 10 mm                          |
| Overall dimensions H x W | 14.6 x 44.5 mm                 |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 235 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,333 mm                       |
| Can be shortened by      | 125 mm                         |
| Individually packed      | Foil tube                      |
| Article number           | 1-592 C-0      1-673 C-31      |

Art. no. 5503 including stainless steel press plate



## Schall-Ex® GS-H8/12

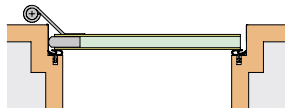
- Universal glass door seals for  
Doors with glass thicknesses  
from 8 - 12 mm
- Single actuation
- Lock-side cover  
made of stainless steel
- Reduced storage costs



### Surface finish

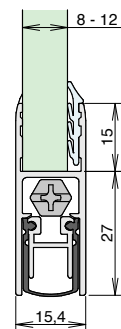
- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

### Fixing



### Technical data

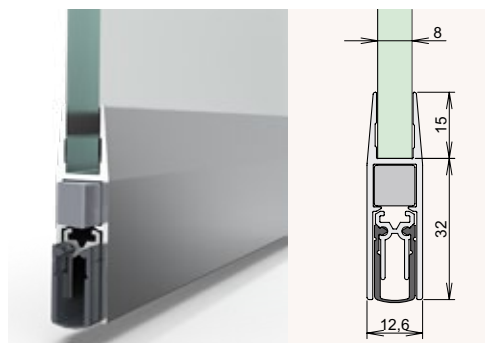
|                                       |                                                                                           |            |
|---------------------------------------|-------------------------------------------------------------------------------------------|------------|
| Glass thickness                       | 8-12 mm                                                                                   |            |
| Dimensions                            | 15 + 27 x 15.4 mm                                                                         |            |
| Actuation                             | 1-sided, opening face                                                                     |            |
| Sealing profile material              | Silicone, self-extinguishing                                                              |            |
| Travel                                | 12 mm                                                                                     |            |
| Min. length                           | 235 mm (cannot be shortened)                                                              |            |
| Standard lengths                      | 708833, 958, 1,083, 1,208 mm                                                              |            |
| Maximum length                        | 1,333 mm                                                                                  |            |
| Can be shortened by                   | 125 mm                                                                                    |            |
| Individually packed                   | Foil tube                                                                                 |            |
| Article number                        | 1-817 C-0                                                                                 | 1-818 C-31 |
| Accessories<br>(included in delivery) | Art. no. 5550<br>3 glazing profiles<br>Press plate made of stainless steel<br>Cover angle |            |





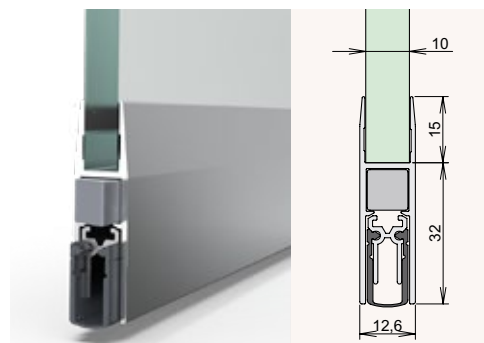
## Schall-Ex® Duo GS-H8

- For doors with 8 mm glass thickness
- Double actuation
- Minimal, barely perceptible actuation pressure
- Suitable for DIN-L and DIN-R doors



## Schall-Ex® Duo GS-H10

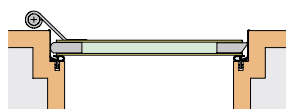
- For doors with 10 mm glass thickness
- Double actuation
- Minimal, barely perceptible actuation pressure
- Suitable for DIN-L and DIN-R doors



### Surface finish

- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Glass thickness          | 8 mm                           |
| Dimensions               | 15 x 32 x 12.6 mm              |
| Actuation                | Double                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 650 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,333 mm                       |
| Can be shortened by      | 125 mm                         |
| Individually packed      | Foil tube                      |
| Article number           | 1-416 C-0      1-674 C-31      |

Accessories  
(included in delivery)

Art. no. 5420  
including stainless steel press plate

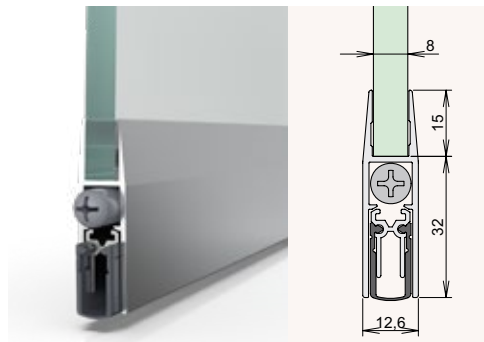
|                          |                                |
|--------------------------|--------------------------------|
| Glass thickness          | 10 mm                          |
| Dimensions               | 15 x 32 x 12.6 mm              |
| Actuation                | Double                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 650 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,333 mm                       |
| Can be shortened by      | 125 mm                         |
| Individually packed      | Foil tube                      |
| Article number           | 1-454 C-0      1-676 C-31      |

Art. no. 5420  
including stainless steel press plate



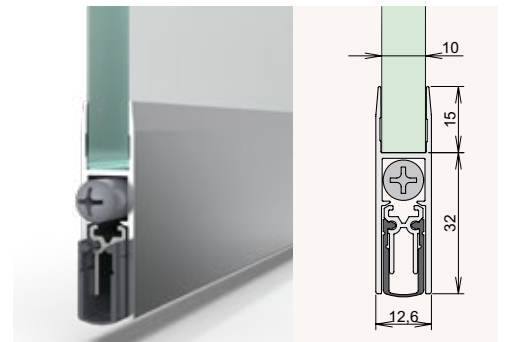
## Schall-Ex® GS-H8

- For doors with 8 mm glass thickness
- Single actuation
- Suitable for DIN-L and DIN-R doors



## Schall-Ex® GS-H10

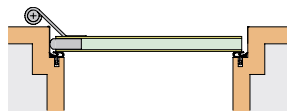
- For doors with 10 mm glass thickness
- Single actuation
- Suitable for DIN-L and DIN-R doors



### Surface finish

- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

### Fixing



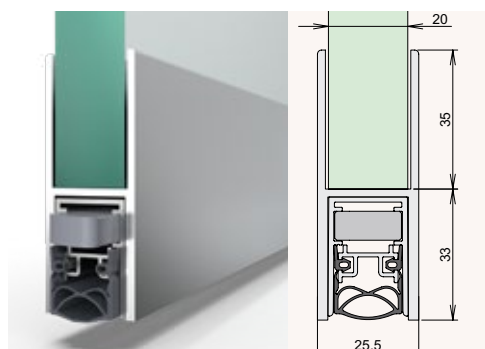
### Technical data

|                                       |                                                        |                                                        |
|---------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| Glass thickness                       | 8 mm                                                   | 10 mm                                                  |
| Dimensions                            | 15 x 32 x 12.6 mm                                      | 15 x 32 x 12.6 mm                                      |
| Actuation                             | Single                                                 | Single                                                 |
| Sealing profile material              | Silicone, self-extinguishing                           | Silicone, self-extinguishing                           |
| Travel                                | 11 mm                                                  | 11 mm                                                  |
| Min. length                           | 235 mm (cannot be shortened)                           | 235 mm (cannot be shortened)                           |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm                         | 708, 833, 958, 1,083, 1,208 mm                         |
| Maximum length                        | 1,333 mm                                               | 1,333 mm                                               |
| Can be shortened by                   | 125 mm                                                 | 125 mm                                                 |
| Individually packed                   | Foil tube                                              | Foil tube                                              |
| Article number                        | 1-415 C-0                                              | 1-453 C-0                                              |
|                                       | 1-675 C-31                                             | 1-677 C-31                                             |
| Accessories<br>(included in delivery) | Art. no. 5503<br>including stainless steel press plate | Art. no. 5503<br>including stainless steel press plate |



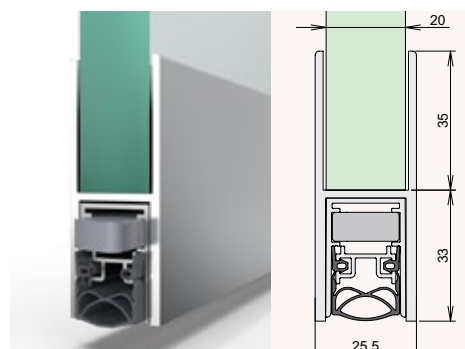
## Schall-Ex® Duo GS-H20

- For doors with 20 mm glass thickness
- Double actuation
- Minimal, barely perceptible actuation pressure
- Suitable for DIN-L and DIN-R doors



## Schall-Ex® GS-H20

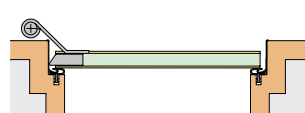
- For doors with 20 mm glass thickness
- Single actuation
- Suitable for DIN-L and DIN-R doors



### Surface finish

- Silver-coloured, anodised C-0
- Silver-coloured, anodised C-0

### Fixing



### Technical data

|                                       |                                                        |
|---------------------------------------|--------------------------------------------------------|
| Glass thickness                       | 20 mm                                                  |
| Dimensions                            | 35 x 33 x 25.5 mm                                      |
| Actuation                             | Double                                                 |
| Sealing profile material              | Silicone, self-extinguishing                           |
| Travel                                | 12 mm                                                  |
| Min. length                           | 708 mm (cannot be shortened)                           |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm                         |
| Maximum length                        | 1,500 mm                                               |
| Can be shortened by                   | 125 mm                                                 |
| Individually packed                   | Foil tube                                              |
| Article number                        | 1-440 C-0                                              |
| Accessories<br>(included in delivery) | Art. no. 5420<br>including stainless steel press plate |

|                                       |                                                        |
|---------------------------------------|--------------------------------------------------------|
| Glass thickness                       | 20 mm                                                  |
| Dimensions                            | 35 x 33 x 25.5 mm                                      |
| Actuation                             | Single                                                 |
| Sealing profile material              | Silicone, self-extinguishing                           |
| Travel                                | 12 mm                                                  |
| Min. length                           | 220 mm (cannot be shortened)                           |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm                         |
| Maximum length                        | 2,000 mm                                               |
| Can be shortened by                   | 125 mm                                                 |
| Individually packed                   | Foil tube                                              |
| Article number                        | 1-439 C-0                                              |
| Accessories<br>(included in delivery) | Art. no. 5503<br>including stainless steel press plate |



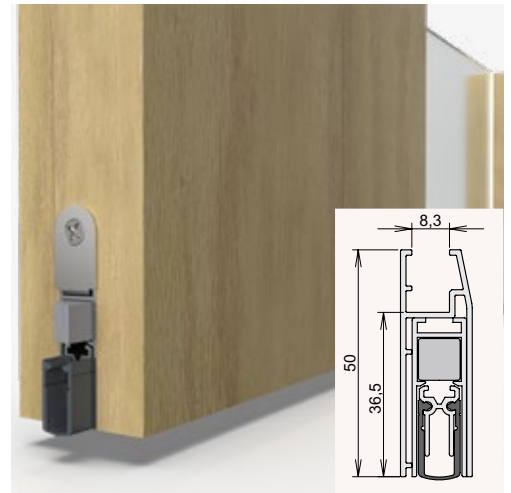


### Surface finish

## Doppeldicht HGT-8

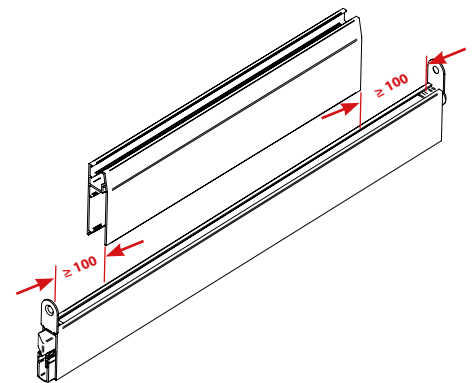
- For institutional doors with 8 mm thickness
- Single and double actuation
- Suitable for DIN-L and DIN-R doors
- Self-clamping aluminium adapter profile for glass
- Subsequent reduction in door height of 3 mm possible.

- Silver-coloured, anodised C-0

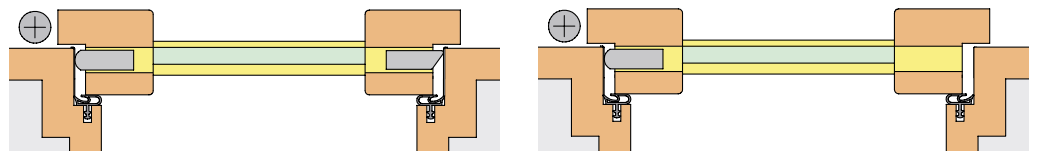


### Adapter profile

- Adapter profile, 200 mm shorter than the "Doppeldicht", can be individually shortened

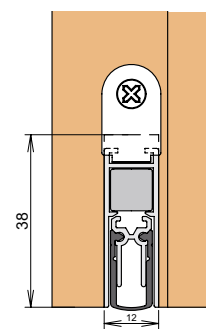


### Fixing



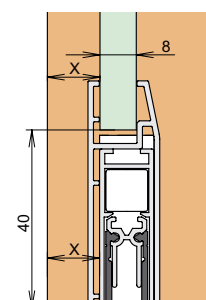
### Technical data

|                                       |                                                                     |                |
|---------------------------------------|---------------------------------------------------------------------|----------------|
| Dimensions                            | 15 x 36.5 + x 13.5 mm                                               |                |
| Actuation                             | Double                                                              | Single         |
| Sealing profile material              | Silicone, self-extinguishing                                        |                |
| Travel                                | 11 mm                                                               |                |
| Min. length                           | 650 mm (n. s.)                                                      | 235 mm (n. s.) |
| Standard lengths                      | 708, 833, 958, 1,083, 1,208 mm                                      |                |
| Maximum length                        | 1,333 mm                                                            |                |
| Can be shortened by                   | Seal: 125 mm<br>Adapter profile: any                                |                |
| Individually packed                   | Foil tube                                                           |                |
| Article number                        | 1-710                                                               | 1-711          |
| Accessories<br>(included in delivery) | Art. no. 5220<br>- Adapter profile<br>- Stainless steel press plate |                |



- End view: Timber frame with groove

Door leaf can be shortened on site by 3 mm.



- Cross section: Glass element

Glass at the bottom about 40 mm shorter than the door panel



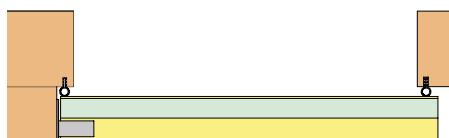
### Surface finish

## Schall-Ex® Slide GS-A

- For doors from 6 mm glass thickness
  - Seal and separate cover profile, self-adhesive
  - Reduced storage costs
  - Suitable for retrofitting
- 
- Silver-coloured, anodised C-0
  - Stainless steel-coloured, anodised C-31

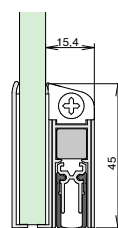


### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Glass thickness          | ≥ 6 mm                         |
| Overall dimensions H x W | 15.4 x 45 mm                   |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 235 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,958 mm                       |
| Can be shortened by      | 125 mm                         |
| Individually packed      | Foil tube                      |
| Article number           | 1-875 C-0      1-876 C-31      |

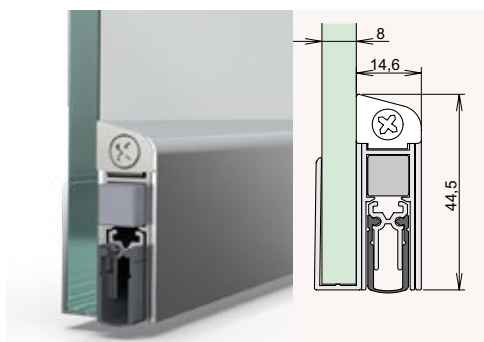


Accessories  
(included in delivery)      Art. no. 5503  
including stainless steel press plate



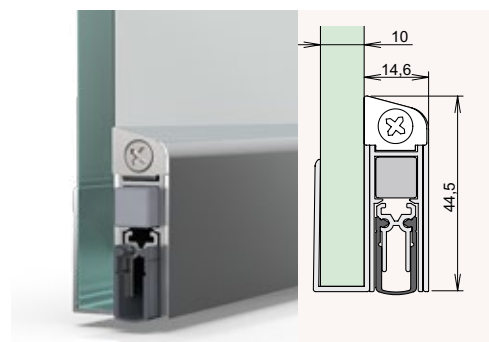
## Schall-Ex® Slide GS-8

- For doors with 8 mm glass thickness
- Lowest actuation pressure: only 20 N/m
- Suitable for DIN-L and DIN-R doors
- For sliding doors with locks
- Can be used with automatic sliding doors



## Schall-Ex® Slide GS-10

- For doors with 10 mm glass thickness
- Lowest actuation pressure: only 20 N/m
- Suitable for DIN-L and DIN-R doors
- For sliding doors with locks
- Can be used with automatic sliding doors



### Surface finish

- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31
- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

### Fixing



### Technical data

|                          |                                |                                |
|--------------------------|--------------------------------|--------------------------------|
| Glass thickness          | 8 mm                           | 10 mm                          |
| Overall dimensions H x W | 14.6 x 44.5 mm                 | 14.6 x 44.5 mm                 |
| Actuation                | Single                         | Single                         |
| Sealing profile material | Silicone, self-extinguishing   | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          | 11 mm                          |
| Min. length              | 280 mm (cannot be shortened)   | 280 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,605 mm                       | 1,605 mm                       |
| Can be shortened by      | 125 mm                         | 125 mm                         |
| Individually packed      | Foil tube                      | Foil tube                      |
| Article number           | 1-566 C-0                      | 1-584 C-0                      |
|                          | 1-678 C-31                     | 1-679 C-31                     |

Accessories  
(included in delivery)

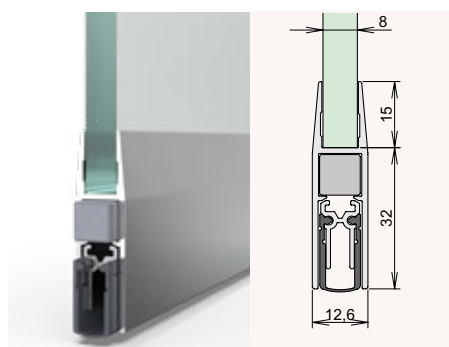
Art. no. 5424  
including zinc die-cast press plate

Art. no. 5424  
including zinc die-cast press plate



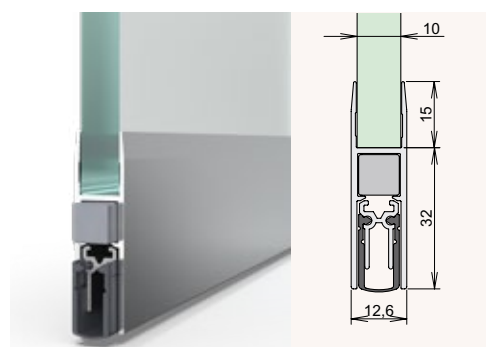
## Schall-Ex® Slide GS-H8

- For doors with 8 mm glass thickness
- Lowest actuation pressure: only 20 N/m
- Suitable for DIN-L and DIN-R doors
- For sliding doors with locks
- Can be used with automatic sliding doors



## Schall-Ex® Slide GS-H10

- For doors with 10 mm glass thickness
- Lowest actuation pressure: only 20 N/m
- Suitable for DIN-L and DIN-R doors
- For sliding doors with locks
- Can be used with automatic sliding doors



### Surface finish

- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Glass thickness          | 8 mm                           |
| Dimensions               | 15 x 32 x 12.6 mm              |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 280 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,605 mm                       |
| Can be shortened by      | 125 mm                         |
| Individually packed      | Foil tube                      |
| Article number           | 1-578 C-0      1-680 C-31      |

Accessories  
(included in delivery)

Art. no. 5424  
including zinc die-cast press plate

|                          |                                |
|--------------------------|--------------------------------|
| Glass thickness          | 10 mm                          |
| Dimensions               | 15 x 32 x 12.6 mm              |
| Actuation                | Single                         |
| Sealing profile material | Silicone, self-extinguishing   |
| Travel                   | 11 mm                          |
| Min. length              | 280 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,605 mm                       |
| Can be shortened by      | 125 mm                         |
| Individually packed      | Foil tube                      |
| Article number           | 1-572 C-0      1-681 C-31      |

Art. no. 5424  
including zinc die-cast press plate



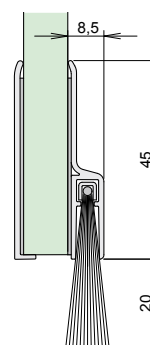
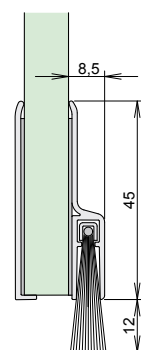
## Glasdicht SK

- For glass doors with any glass thickness
- Self-adhesive, silver-coloured anodised aluminium profile
- With a cover profile for the back



### Technical data

|                     |                                |           |
|---------------------|--------------------------------|-----------|
| Brush height        | 12 mm                          | 20 mm     |
| Versions            | Self-adhesive                  |           |
| Brush material      | Horsehair, mixed               |           |
| Standard lengths    | 708, 833, 958, 1,083, 1,208 mm |           |
| Maximum length      | 3,000 mm                       |           |
| Individually packed | Foil tube                      |           |
| Article number      | 4-158-012                      | 4-158-020 |









# “RUNDUMDICHT” sealing systems

## **Barrier-free, sound insulation, smoke protection, fire protection, tight seal**

Sliding doors continue to be a strong trend in both the residential and commercial sectors, but market requirements have increased significantly in recent years.

With Athmer's “Rundumdicht” sealing solutions, timber, metal and glass sliding doors can be effectively sealed while also satisfying aesthetic requirements.

Pivot doors can now also be effectively sealed against sound, smoke and draughts.

- Effective seal against sound, smoke, draughts and odours
- Four-sided sealing system without compromising on appearance
- For timber, glass and metal doors



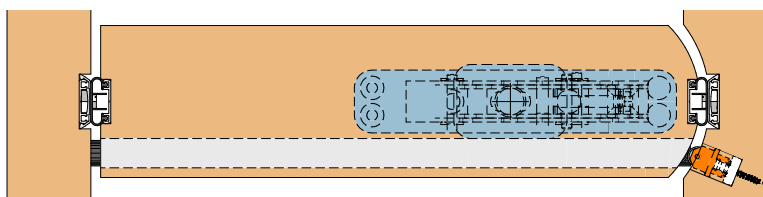
## “Rundumdicht” Pivot L-15



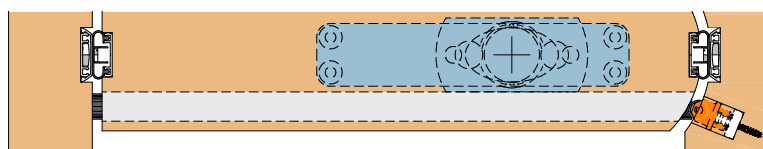
### Complete sealing system for pivot doors



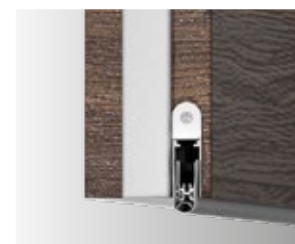
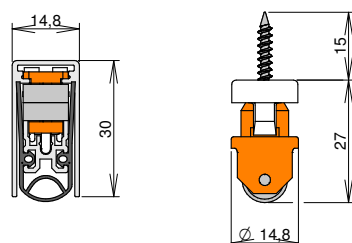
- For single-wing timber pivot doors
- Effective seal against sound, smoke, draughts and odours
- Four-sided sealing system without compromising on appearance
- Sealing at top and bottom with automatic drop seal
- Special roller actuator with a counter roller allows the door to be opened in both directions
- Magnetic sealing system seals the gap between the frame or wall and the door
- Can be combined with many common fittings for pivot doors
- Very low opening forces and smooth swing action thanks to ideally matched magnetic sealing profiles
- Set for pivot door wing up to 2,000 x 3,000 mm max.
- Drop seals are positioned off-centre
- Door thickness must be selected to match thickness of pivot fitting and drop seal



Top view



Bottom view



## Technical data

|                        |                                        |                                                                   |
|------------------------|----------------------------------------|-------------------------------------------------------------------|
| Set consisting of:     | 2 pieces                               | 2 pairs                                                           |
| Article designation    | <b>Schall-Ex® L-15/30 WS PIVOT</b>     | <b>Slide Magnet</b>                                               |
| Actuation              | Single, roller actuator/counter roller | Magnet                                                            |
| Travel                 | 12 mm                                  | 6 mm (gap)                                                        |
| Sealing profile        | Silicone, self-extinguishing           | Silicone, self-extinguishing                                      |
| Sealing profile colour | Grey                                   | Grey                                                              |
| Profile material       | Aluminium, natural                     | Aluminium, natural, visible profiles anod.                        |
| Surface finish         | -                                      | Silver-coloured, anod. C-0 / stainless steel-coloured, anod. C-31 |
| Min. length            | 235 mm (cannot be shortened)           | -                                                                 |
| Maximum length         | 2,000 mm                               | 3,000 mm                                                          |
| Standard lengths       | 708, 833, 958, 1083, 1208 mm           | 2,500 mm / 3,000 mm                                               |
| Can be shortened by    | 125 mm from 833 mm                     | As required                                                       |



## **“Rundumdicht” Universal M-12**

### **Complete sealing system for sliding doors**



➤ For single-wing sliding doors running in front of the wall



➤ For sliding doors made of timber, metal and glass



➤ Effective seal against sound, smoke, draughts and odours

➤ Four-sided sealing system without compromising on appearance

➤ Sealed at top and bottom with automatic drop seal

➤ Magnetic sealing system closes the gap between the door and the wall

➤ This prevents the door from rattling when exposed to draughts

➤ Self-locking system without additional latching or locking

➤ No need for frame, back rabbet or inlet pocket

➤ Door thickness irrelevant due to installation on the surface of the door leaf

➤ Can be combined with many common sliding door fittings

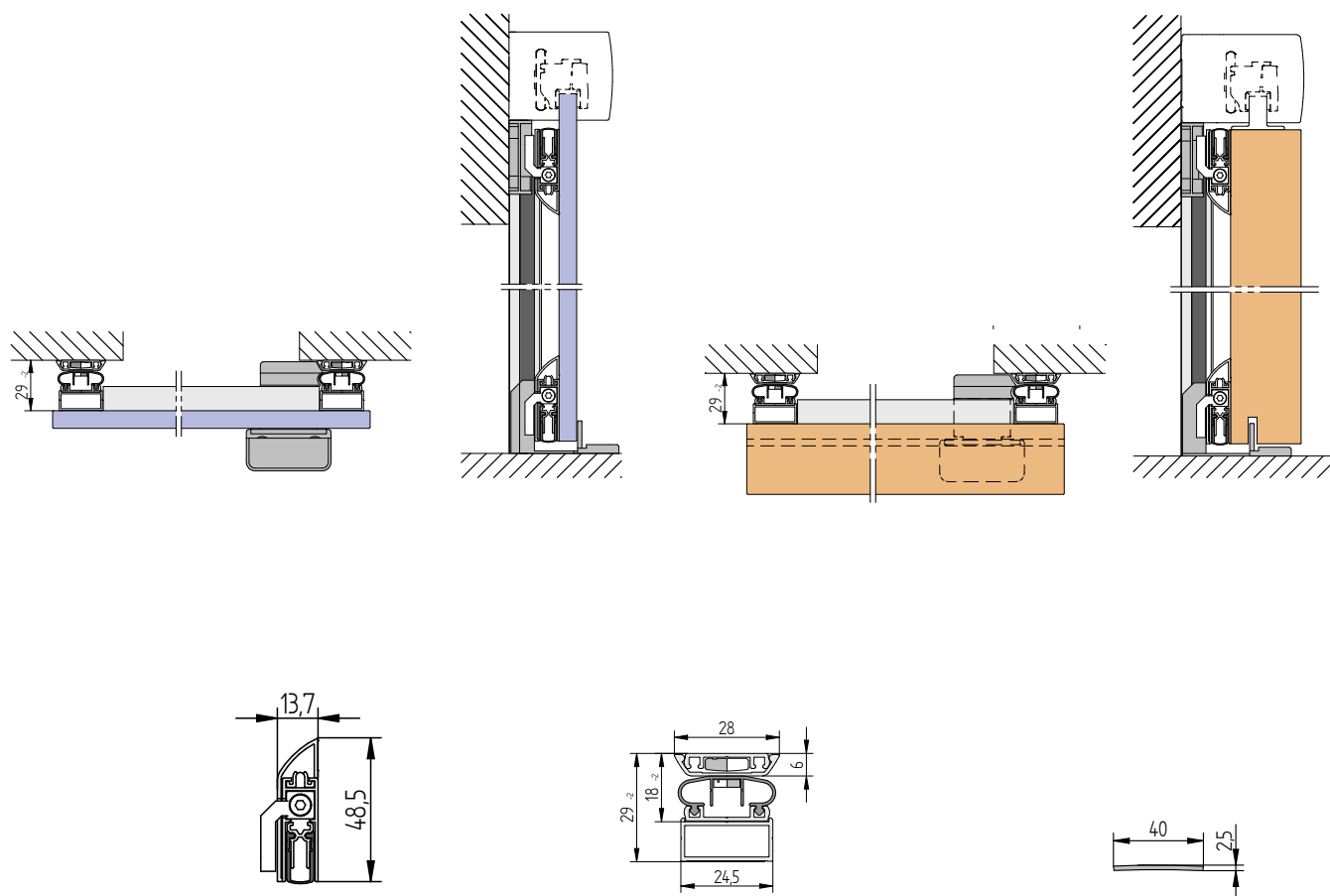
➤ Very low opening forces thanks to ideally matched magnetic sealing profiles

➤ Set for sliding door wing up to 1,500 x 3,000 mm max.

➤ Low planning and installation effort

➤ Internal durability test according to DIN EN 1527, class 6

(> 200,000 cycles)

**Set consisting of:**

2 pieces

2 sets

1 pieces

**Article designation****Slide M-12 Universal ZA****Slide Magnet****Stainless steel  
threshold 365****Technical data**

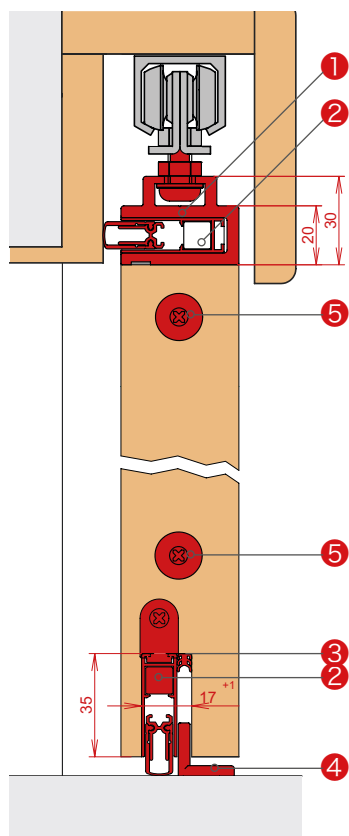
|                        |                              |                                                                   |                    |
|------------------------|------------------------------|-------------------------------------------------------------------|--------------------|
| Dimensions (H x W)     | 13.7 x 48.5 mm               | 28 x 29 mm                                                        | 40 x 2.5 mm        |
| Actuation              | Single, pull actuation       | Magnet                                                            | -                  |
| Travel                 | 11 mm                        | -                                                                 | -                  |
| Sealing profile        | Silicone, self-extinguishing | Silicone, self-extinguishing                                      | -                  |
| Sealing profile colour | Grey                         | Grey                                                              | -                  |
| Profile material       | Aluminium                    | Aluminium, natural, visible profiles anod.                        | Stainless steel    |
| Surface finish         | C-0, C-31                    | Silver-coloured, anod. C-0 / stainless steel-coloured, anod. C-31 | Brushed satin      |
| Min. length            | 450 mm                       | -                                                                 | -                  |
| Maximum length         | 1,500 mm                     | 3,000 mm                                                          | 1,500 mm           |
| Standard lengths       | Fixed lengths only           | 2,500 mm / 3,000 mm                                               | Fixed lengths only |
| Can be shortened by    | Cannot be shortened          | As required                                                       | As required        |



## "Rundumdicht"

**Complete sealing system  
for sliding doors**

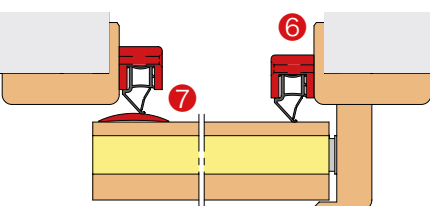
- Sliding door runs in front of the wall
- Increased tightness against:
  - Sound
  - Draughts
  - Smoke
  - Odours
- For sliding wings up to a width of 1,958 mm and a weight of up to 80 kg
- Intended for butt hinges with M8 connectors



## VHH M-12 Set

**In standard lengths 708, 833, 958, 1,083, 1,208 mm (fixed lengths possible)**

| Packing contents/delivery package Article number: 1-839 |                             |  | Quantity |
|---------------------------------------------------------|-----------------------------|--|----------|
| ➊                                                       | Slide-Adapter-12            |  | 1        |
| ➋                                                       | Schall-Ex Slide M-12 SLA    |  | 2        |
| ➌                                                       | Slide 5 spacer              |  | 1        |
| ➍                                                       | Athmer - sliding door guide |  | 1        |
| ➎                                                       | Magnet                      |  | 2        |



### Optional items

➎ Unitherm Slide 22/22  
(Untreated beechwood)

➏ Aluminium threshold 253

Art. no. 3 -114

### Lengths (mm)

2,000 mm  
Art. no. 319 050

2,500 mm  
Art. no. 319051

max. 3,000 mm (fixed lengths possible)

### Each

2

1

### Technical data

Groove width

12 mm

Actuation

Single

Sealing profile material

Silicone, self-extinguishing

Travel

11 mm

Min. length

280 mm (cannot be shortened)

Maximum length

1,958 mm

Can be shortened by

125 from 708 mm

### Schall-Ex Slide M-12 SLA, art. no. 1-809



## "Rundumdicht"

**System example** for a complete sealing system for sliding glass doors.

- For enhanced seal against noise, draughts and smoke

We need horizontal and vertical cross-sections from you in the form of CAD data sets in .dxf or .dwg formats for custom planning



### Example:

#### System consisting of

System for one door with door clearance width up 2 x 1m

All-glass sliding door running in front of the wall

Upper door seal ①

Schall-Ex Slide L-20/20 WS  
Art. 1-796

Lateral seals ②

Aluminium threshold 253  
Art. 3-114  
+ Slide VN - 8/10 Art. 523  
+ Unitherm FAS-20 Art. 319204

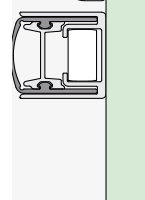
Lower door seal ③

Schall-Ex Slide GS H-8 / H-10  
Art. 1-578 / 1-572

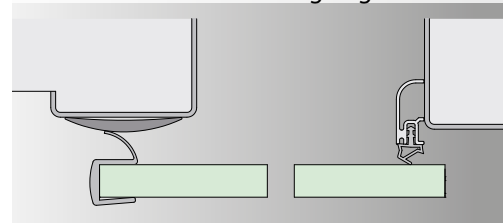
Door leaf guide ③

Sliding doorguide Art. 5106

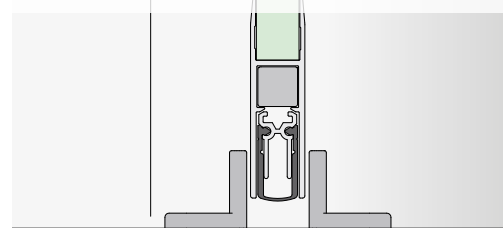
① Above: Door seal on the door leaf



② On the side: Seal on the secondary closing edge



③ Below: Schall-Ex® Slide

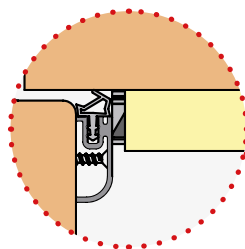






## "Four sides sealed" Applic Set

- Sound insulation set for retrofitting
- Sealing set for retrofitting



### Models

|                | Schall-Ex® Applic A Set         |                   |               | Schall-Ex® Applic T Set |
|----------------|---------------------------------|-------------------|---------------|-------------------------|
| Article number | 1-660<br>C-0                    | 1-769<br>RAL 9016 | 1-770<br>C-34 | 1-661                   |
| Plinth         | Cover profile made of aluminium |                   |               | Oak, untreated          |

### Technicale data

Set for a door up to  
2 x 1 m comprising:

- Schall-Ex® Applic A  
- 3-sided Unitherm FAS-20  
(2 x 2.1 m, 1 x 1.05 m)

- Schall-Ex® Applic T  
- 3-sided Unitherm FAS-20  
(2 x 2.1 m, 1 x 1.05 m)



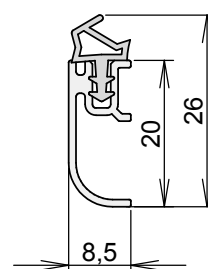
## Unitherm FAS-20

- High tolerance compensation
- Also dampens the sound of closing
- Sturdy aluminium carrier profile
- Silver C-0 / RAL 9016 finish  
white / bronze C-34



### Technical data

|                          |                                                                  |                    |                |
|--------------------------|------------------------------------------------------------------|--------------------|----------------|
| Length                   | 2,100 mm                                                         |                    |                |
| Article number           | 319 204<br>C-0                                                   | 319208<br>RAL 9016 | 319205<br>C-34 |
| Sealing profile material | Permanently elastic TPE                                          |                    |                |
| Sealing profile colour   | Grey / brown / transparent                                       |                    |                |
| Holding rail material    | Aluminium                                                        |                    |                |
| Alternative<br>Finishes  | Anodised surfaces according to EURAS<br>Colour-coated as per RAL |                    |                |







# AUTOMATIC DOOR SEALS for retrofitting

**Barrier-free, sound insulation, smoke control, fire protection, tight seal and draught-free**

A large number of Athmer door seals can be retrofitted - with little effort and during operation. Retrofittable seals are suitable for many different types of door: steel, aluminium, PVC, timber or glass doors; hinged or sliding doors; single-wing or double-wing doors.

Retrofitted seals optimise fire and smoke protection, improve acoustic and draught tightness and solve problems posed by warped doors or uneven floors. Retrofitting sealing systems helps to save heating costs, enhances living comfort and well-being and improves the energy balance of the building.

- For smoke, fire and acoustic protection doors
- Smoke protection as per DIN18095/EN1634 for retrofitting
- Travel: up to 50mm

**Athmer - securely sealed.**





## NADI® Seals for retrofitting

- Smoke, fire and acoustic doors / dampers
- Damp and wet room doors
- Single- and double-wing hinged doors/dampers
- Thin and thick rebate doors, flush-fit doors/dampers
- Suitable for doors made of timber, metal, plastic, and glass
- Innovative sealing system for subsequent upgrading for smoke protection.\*
- Noise-reduced door closing with damping function

- Quick, secure and inexpensive installation thanks to pre-formed corners
- Maintenance-free system
- Can be installed without removing the door
- No additional sealing measures required
- Elegant, snap-on cover profile without any visible screws. Surface silver-coloured, anodised (C-0)



**Fire doors**



**Acoustic doors**



**Closes with a tight seal**



**Damp room doors**



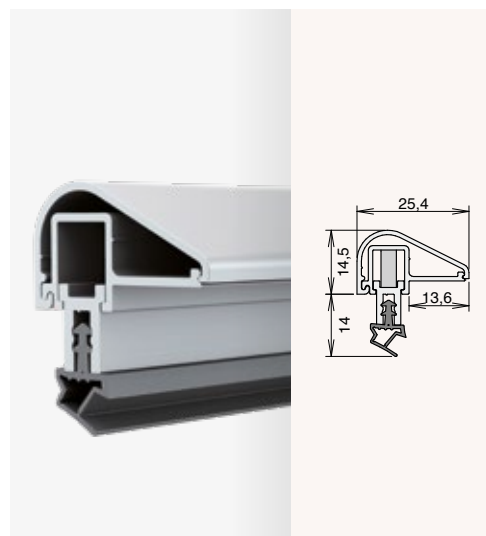
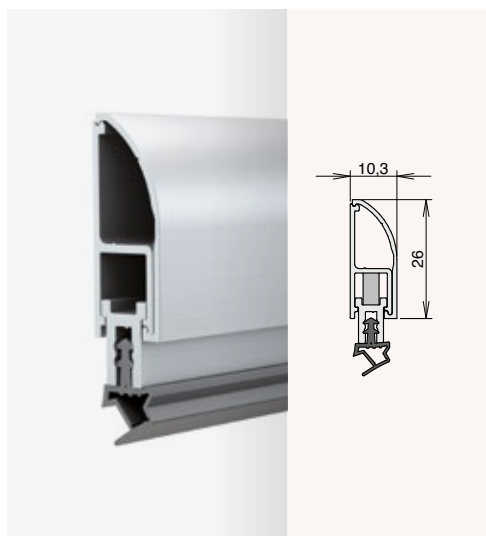
**Barrier-free access**



**Smoke protection**

\*We confirm the suitability of the NADI® frame sealing system and the automatic Schall-Ex® L-15 FS door seal for the upgrading of a fire protection door based on DIN 18095-2 and DIN EN 1634-3. For potential necessary regulatory approval, we provide a report of the MPA NRW.

## NADI® set profiles



- High sealing capacity even with strongly d-forming door leaf (Testing temperature 200°C for smoke protection test according to DIN 18095 / EN 1634 with 50 Pa)
- Max. 10 mm, optionally: 14 mm
- Thin and thick rebate doors, and flush-fit doors/dampers
- Snap-on cover profile
- Elongated holes and pre-formed corners for quick and easy installation
- For the door threshold
- Thin and thick rebate doors, and flush-fit doors/dampers
- Snap-on cover profile
- Elongated holes for quick and easy installation

### Technical data

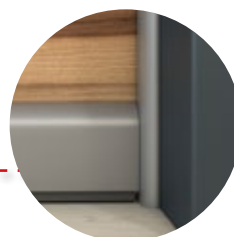
|                          |                                                                       |       |                                                                       |       |
|--------------------------|-----------------------------------------------------------------------|-------|-----------------------------------------------------------------------|-------|
| Width / height, actuated | 10.3 mm                                                               | 29 mm | 25.4 mm                                                               | 18 mm |
| Standard length          | 950 mm - 3,000 mm                                                     |       | 950 mm - 3,000 mm                                                     |       |
| Can be shortened by      | 150 mm on both sides                                                  |       | 150 mm on both sides                                                  |       |
| Tolerance compensation   | 10 mm (optionally 14 mm)                                              |       | 10 mm (optionally 14 mm)                                              |       |
| Profile material         | Aluminium, natural, visible profiles<br>Silver-coloured, anodised C-0 |       | Aluminium, natural, visible profiles<br>Silver-coloured, anodised C-0 |       |
| Sealing profile material | Silicone, self-extinguishing                                          |       | Silicone, self-extinguishing                                          |       |
| Sealing profile colour   | Grey                                                                  |       | Grey                                                                  |       |



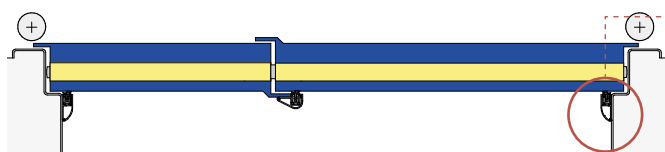


### NADI® LM SET for reveal mounting

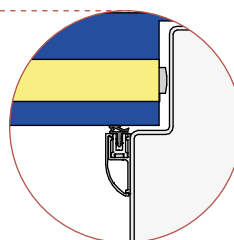
- For single and double-wing doors
- **Optionally** with automatic seals for retrofitting Schall-Ex® L-15 FS



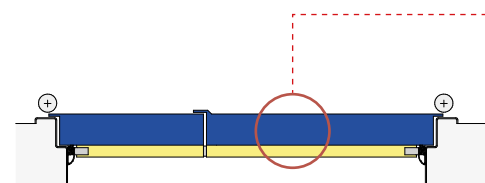
#### Fixing



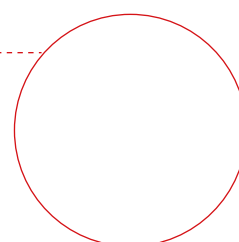
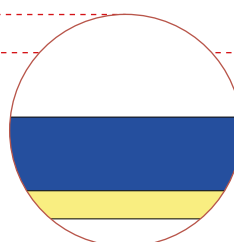
- Installation of Nadi®: on the closing face
- Installation of automatic door seal: In the groove



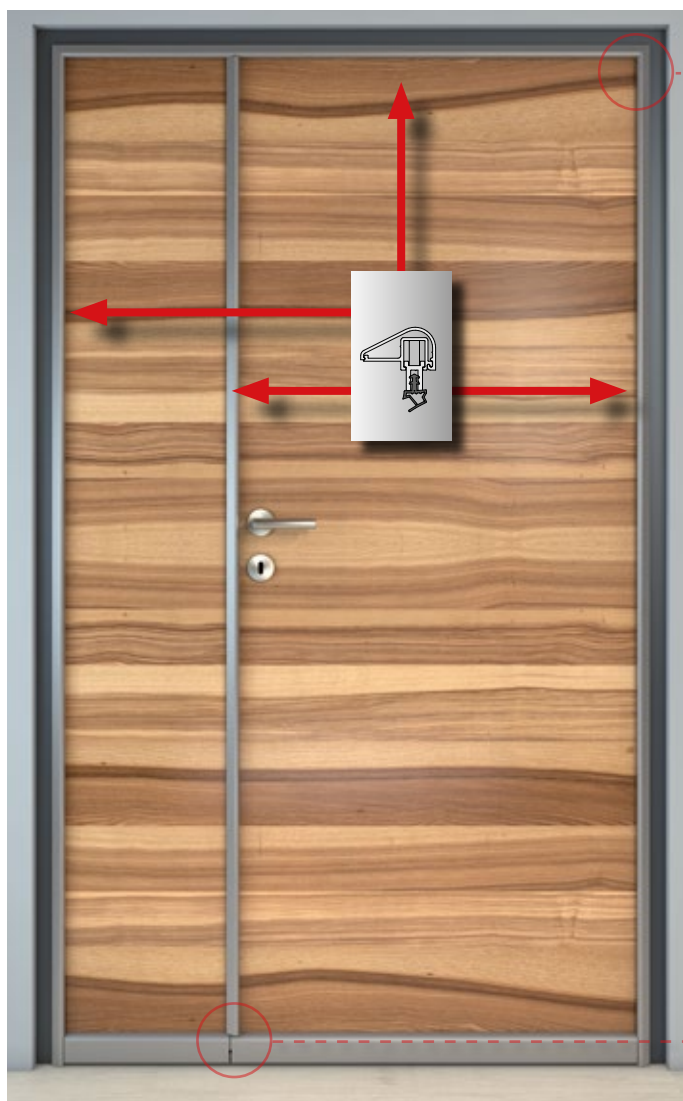
#### Optional



- Installation of Nadi®: on the closing face
- Installation of Schall-Ex® L-15 FS: on the closing face

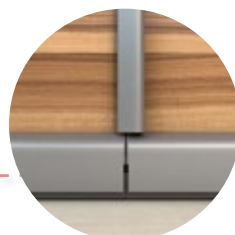




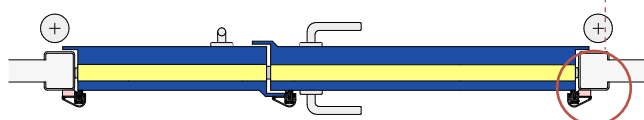


## NADI® FM SET for flush-fit installation

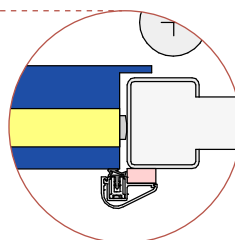
- For single and double-wing hinged doors
- Optionally** with automatic seals for retrofitting Schall-Ex® L-15 FS



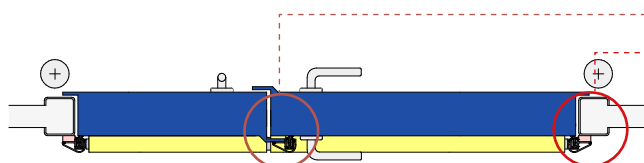
### Fixing



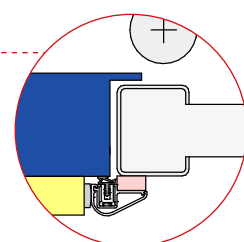
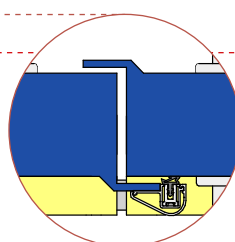
- Installation of Nadi®: on the closing face
- Installation of automatic door seal: In the groove



### Optional



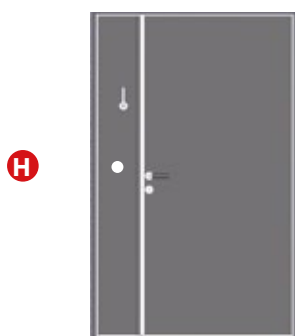
- Installation of Nadi®: on the closing face
- Installation of Schall-Ex® L-15 FS: on the closing face



## Set- Overview



W



W

**NADI® LM set**  
Art. no.

**NADI® FM set**  
Art. no.

|                              |                           |         |         |
|------------------------------|---------------------------|---------|---------|
| <b>Single-wing door</b> (mm) | H 2,100 x W 650 - 950     | 320 200 | 320 235 |
|                              | H 2,100 x W 951 - 1,250   | 320 201 | 320 236 |
|                              | H 2,100 x W 1,251 - 1,500 | 320 202 | 320 237 |
|                              | H 2,400 x W 650 - 950     | 320 208 | 320 238 |
|                              | H 2,400 x W 951 - 1,250   | 320 209 | 320 239 |
|                              | H 2,400 x W 1,251 - 1,500 | 320 210 | 320 240 |
|                              | H 2,700 x W 650 - 950     | 320 216 | 320 241 |
|                              | H 2,700 x W 951 - 1,250   | 320 217 | 320 242 |
|                              | H 2,700 x W 1,251 - 1,500 | 320 218 | 320 243 |
|                              | H 3,000 x W 650 - 950     | 320 225 | 320 244 |
| <b>Double-wing door</b> (mm) | H 3,000 x W 951 - 1,250   | 320 226 | 320 245 |
|                              | H 3,000 x W 1,251 - 1,500 | 320 227 | 320 246 |
|                              | H 2,100 x W 951-1,250     | 320 203 | 320 247 |
|                              | H 2,100 x W 1,251 - 1,500 | 320 204 | 320 248 |
|                              | H 2,100 x W 1,501 - 1,800 | 320 205 | 320 249 |
|                              | H 2,100 x W 1,801 - 2,100 | 320 206 | 320 250 |
|                              | H 2,100 x W 2,101 - 2,400 | 320 207 | 320 251 |
|                              | H 2,100 x W 2,401 - 2,700 | 320 316 | -       |
|                              | H 2,400 x W 951 - 1,250   | 320 211 | 320 252 |
|                              | H 2,400 x W 1,251 - 1,500 | 320 212 | 320 253 |
|                              | H 2,400 x W 1,501 - 1,800 | 320 213 | 320 254 |
|                              | H 2,400 x W 1,801 - 2,100 | 320 214 | 320 255 |
|                              | H 2,400 x W 2,101 - 2,400 | 320 215 | 320 256 |
|                              | H 2,400 x W 2,401 - 2,700 | 320 317 | -       |
|                              | H 2,700 x W 951 - 1,250   | 320 219 | 320 257 |
|                              | H 2,700 x W 1,251 - 1,500 | 320 220 | 320 258 |
|                              | H 2,700 x W 1,501 - 1,800 | 320 221 | 320 259 |
|                              | H 2,700 x W 1,801 - 2,100 | 320 222 | 320 260 |
|                              | H 2,700 x W 2,101 - 2,400 | 320 223 | 320 261 |
|                              | H 2,700 x W 2,401 - 2,700 | 320 224 | 320 262 |
|                              | H 3,000 x W 951 - 1,250   | 320 228 | 320 263 |
|                              | H 3,000 x W 1,251 - 1,500 | 320 229 | 320 264 |
|                              | H 3,000 x W 1,501 - 1,800 | 320 230 | 320 265 |
|                              | H 3,000 x W 1,801 - 2,100 | 320 231 | 320 266 |
|                              | H 3,000 x W 2,101 - 2,400 | 320 232 | 320 267 |
|                              | H 3,000 x W 2,401 - 2,700 | 320 233 | 320 268 |
|                              | H 3,000 x W 2,701 - 3,000 | 320 234 | 320 269 |

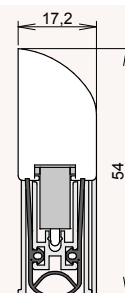
Further sets on request.

### Optional

### Schall-Ex® L-15 FS

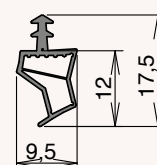
**The best sound insulation**  
**for retrofitting (see p. 88)**

- For sealing heights up to 20 mm
- Snap-on cover profile
- Concealed screws



### Sealing profile 102

- For increased demands with up to 14 mm tolerance compensation
- Self-extinguishing silicone, Colour: grey





## NADI® LM K Set

### for reveal mounting

- For single-wing fire dampers
- For reinforcement of smoke dampers**
- Pre-formed corners

## NADI® FM K Set

### for flush-fit installation

- For single-wing fire dampers
- For reinforcement of smoke dampers**

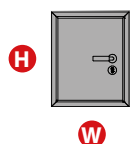


### Application example and fixing

- See NADI® LM/FM set, page 78-79

### Note

- One set consisting of two lengths



### Fire dampers (mm)

|                                  |       | Nadi® LM K Set<br>Art. no. | Nadi® FM-K Set<br>Art. no. |
|----------------------------------|-------|----------------------------|----------------------------|
| 650, can be shortened to 450     | 450   | 320 321                    | 320 318                    |
| 950, can be shortened to 651     | 651   | 320 323                    | 320 334                    |
| 1,250, can be shortened to 951   | 951   | 320 325                    | 320 335                    |
| 1,500, can be shortened to 1,251 | 1,251 | 320 327                    | 320 336                    |
| 1,800, can be shortened to 1,501 | 1,501 | 320 329                    | 320 337                    |
| 2,100, can be shortened to 1,801 | 1,801 | 320 330                    | 320 338                    |
| 2,400, can be shortened to 2,101 | 2,101 | 320 331                    | 320 339                    |
| 2,700, can be shortened to 2,401 | 2,401 | 320 332                    | 320 340                    |
| 3,000, can be shortened to 2,701 | 2,701 | 320 333                    | 320 341                    |

### Order example

For fire dampers, height 800 mm x width 600 mm =

1 set = 2 off

**Height:** 1 Set of NADI® LM K 320 323  
(2 pieces, each 950 mm, can be shortened to 651 mm)

**Width:** 1 Set of NADI® LM K 320 321  
(2 pieces, each 650 mm, can be shortened to 450 mm)

## WE-Dicht

### Retrofit sealing system for tight-closing apartment entrance doors

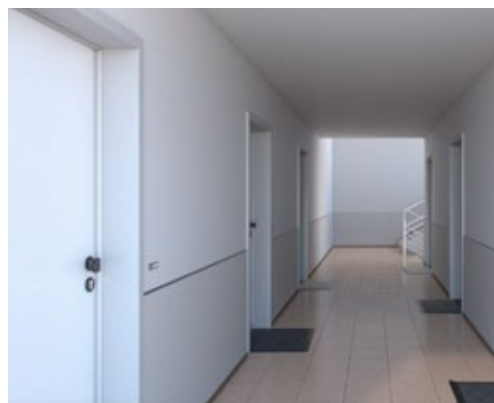
Extra comfort regarding sound insulation and energy saving by retrofitting WE-Dicht on existing apartment entrance doors.

State building regulations require tightly closing apartment entrance elements. These elements are often insufficiently available in existing housing stock and this can give rise to complaints from tenants.

By fitting WE-Dicht, optimal sound insulation is achieved on existing doors.

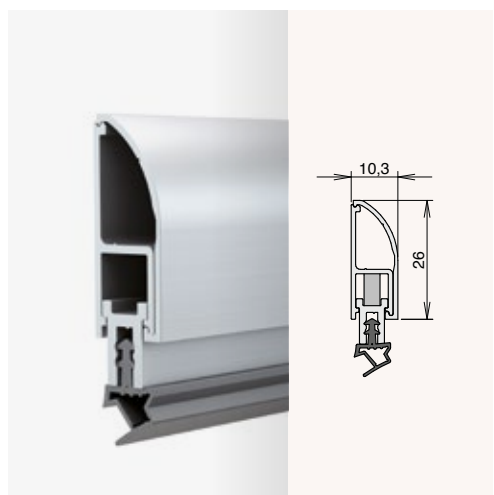
- Reduces draughts
- Optimises thermal insulation
- Improves the closing quality
- Tamper-proof
- Fast assembly
- 1 Set fits 6 interior door DIN sizes

**WE-Dicht creates consistently satisfied tenants.**



#### Technical data

|                            |                                                                       |       |
|----------------------------|-----------------------------------------------------------------------|-------|
| Width / height, actuated   | 10.3 mm                                                               | 29 mm |
| Profile length, vertical   | 2,100 mm (2 pieces)                                                   |       |
| Profile length, horizontal | 950 mm (1 piece)                                                      |       |
| Can be shortened by        | 150 mm each on both sides                                             |       |
| Tolerance compensation     | 10 mm (optionally 14 mm)                                              |       |
| Profile material           | Aluminium, natural, visible profiles<br>Silver-coloured, anodised C-0 |       |
| Sealing profile material   | Silicone, self-extinguishing                                          |       |
| Sealing profile colour     | Grey                                                                  |       |



**This system convinces professionals with its fast assembly time.**

**Doors fitted with WE-Dicht are tightly sealed sustainably!**

## Schall-Ex® Applic

- For retrofitting smoke protection
- For retrofitting acoustic protection
- Flexible fit to uneven floors



### Smoke and fire doors



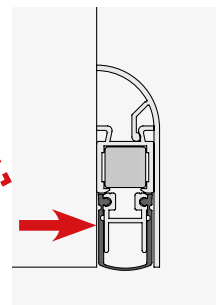
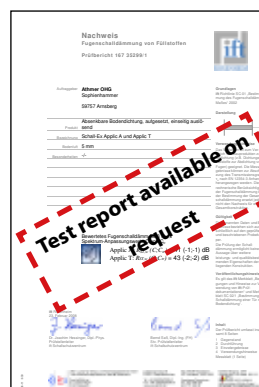
- Use of self-extinguishing silicone profile

Schall-Ex® Applic is suitable for use with fire doors and smoke control doors. We recommend the following procedure: The door manufacturer (type plate on the door) should approve the door seal. The door manufacturer will be supported by us in doing so. Retrofitting is only possible with the permission of the building supervisory authority/fire authority.

### Acoustic doors



- Direct sealing profile system on the door leaf
- Wide silicone profile for flexible floor level adjustment
- Sealing profile extends right into the corners
- For carpeted or tiled floors, use Athmer thresholds



### Barrier-free



- Meets requirements for barrier-free construction

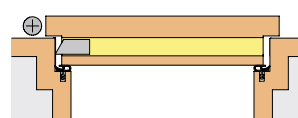
### "Ü" sign of compliance



- Supplied with the "Ü" sign of compliance

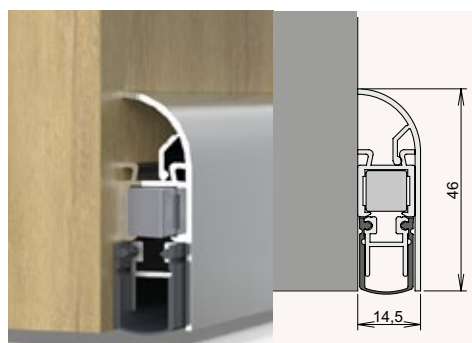
### Fixing

- Screw-fixed to the closing face
- Hinge-side actuation

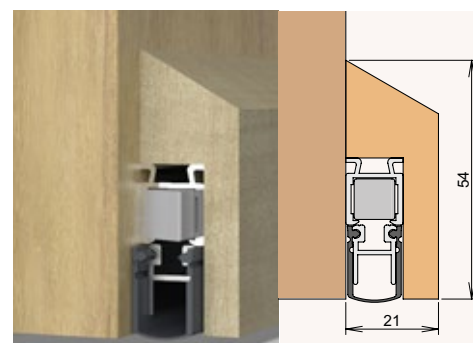




## Schall-Ex® Applic A



## Schall-Ex® Applic T



### Plinth

- Aluminium
- Snap-on cover profile
- Concealed screws

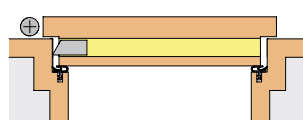
- Oak timber

### Finishes

- Silver-coloured, anodised C-0
- White, powder-coated RAL 9016
- Dark bronze, anodised (C-34)

- Oak, untreated, for on-site adjustment to the door surface

### Fixing



### Technical data

Overall dimensions H x W

14.5 x 46 mm

21 x 54 mm

Actuation

Single

Single

Sealing profile material

Silicone, self-extinguishing

Silicone, self-extinguishing

Travel

Recommended 5 mm (max.11 mm)

Recommended 5 mm (max.11 mm)

Min. length

235 mm (cannot be shortened)

235 mm (cannot be shortened)

Standard lengths

805, 930, 1,055 mm

805, 930, 1,055 mm

Maximum length

1,333 mm

1,333 mm

Can be shortened by

125 mm

125 mm

Individually packed

Foil tube

Foil tube

Article number

|              |                   |               |
|--------------|-------------------|---------------|
| 1-658<br>C-0 | 1-668<br>RAL 9016 | 1-669<br>C-34 |
|--------------|-------------------|---------------|

1-659

Accessories  
(included in delivery)

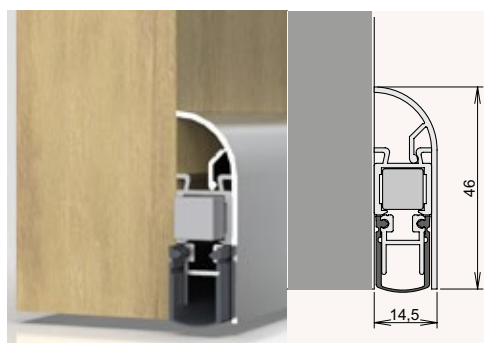
Art. no. 5126  
including stainless steel press plate

Art. no. 5126  
including stainless steel press plate



## Schall-Ex® SLIDE Applic A

➤ For sliding doors running in front of the wall



### Plinth

- Aluminium
- Snap-on cover profile
- Concealed screws

### Finishes

- Silver-coloured, anodised C-0
- White, powder-coated RAL 9016
- Dark bronze, anodised (C-34)

### Fixing



### Technical data

Overall dimensions H x W

14.5 x 46 mm

Actuation

1-sided, closing face

Sealing profile material

Silicone, self-extinguishing

Travel

Recommended 5 mm (max.11 mm)

Min. length

235 mm (cannot be shortened)

Standard lengths

805, 930, 1,055 mm

Maximum length

1,333 mm

Can be shortened by

125 mm

Individually packed

Foil tube

Article number

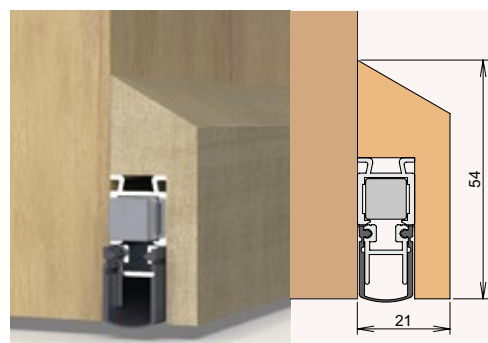
|              |                   |               |
|--------------|-------------------|---------------|
| 1-717<br>C-0 | 1-810<br>RAL 9016 | 1-811<br>C-34 |
|--------------|-------------------|---------------|

Accessories  
(included in delivery)

Art. no. 5129  
including zinc die-cast press plate  
and cushioning

## Schall-Ex® SLIDE Applic T

➤ For sliding doors running in front of the wall



➤ Oak timber

➤ Oak, untreated, for on-site  
adjustment to the door surface

21 x 54 mm

1-sided, lock side

Silicone, self-extinguishing

Recommended 5 mm (max.11 mm)

235 mm (cannot be shortened)

805, 930, 1,055 mm

1,333 mm

125 mm

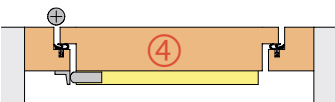
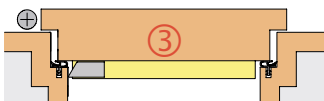
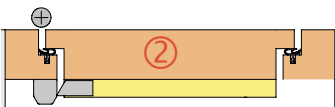
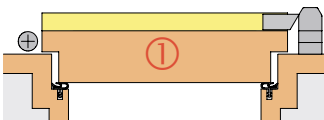
Foil tube

1-718

Art. no. 5129  
including zinc die-cast press plate  
and cushioning



## Wind-EX



### Plinth

### Surface finish

### Packaging

### Accessories / Fixing options

- Prevents draughts
- Saves heating costs
- For enhanced living comfort
- Aluminium
- Snap-on cover profile
- Concealed screws
- Silver-coloured, anodised C-0
- White, powder-coated RAL 9016
- Dark bronze, anodised (C-34)
- Sales packaging including installation instructions
- With pressure block(①②)
- With angle pressure bracket (Wind-Ex A ④)
- With press plate
- With end cover caps



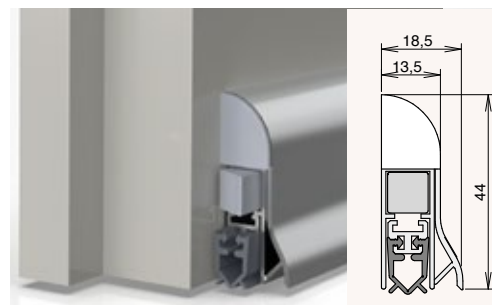
## Wind-EX

## Wind-EX RTK-1

With integral rainwater drip edge

### Technical data

|                          |                              |              |               |
|--------------------------|------------------------------|--------------|---------------|
| Overall dimensions H x W | 13.5 x 44 mm                 |              |               |
| Actuation                | Single                       |              |               |
| Fixing options           | ① ② ③                        |              |               |
| Sealing profile material | PVC                          |              |               |
| Travel                   | 11 mm                        |              |               |
| Min. length              | 235 mm (cannot be shortened) |              |               |
| Standard lengths         | 735, 860, 985, 1,110 mm      |              |               |
| Maximum length           | 1,335 mm                     |              |               |
| Can be shortened by      | 125 mm                       |              |               |
| Article number           | 1-311<br>RAL 9016            | 1-310<br>C-0 | 1-309<br>C-34 |



|                          |                              |              |               |
|--------------------------|------------------------------|--------------|---------------|
| Overall dimensions H x W | 18.5 x 44 mm                 |              |               |
| Actuation                | Single                       |              |               |
| Fixing options           | ① ② ③ (refer to page 80)     |              |               |
| Sealing profile material | PVC                          |              |               |
| Travel                   | 11 mm                        |              |               |
| Min. length              | 235 mm (cannot be shortened) |              |               |
| Standard lengths         | 735, 860, 985, 1,110 mm      |              |               |
| Maximum length           | 1,335 mm                     |              |               |
| Can be shortened by      | 125 mm                       |              |               |
| Article number           | 1-465<br>RAL 9016            | 1-466<br>C-0 | 1-467<br>C-34 |

## Wind-EX US

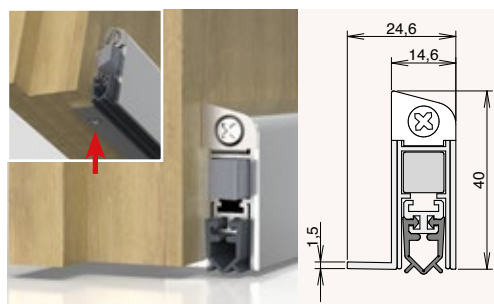
No visible damage to door

## Wind-EX A

For sticking on

### Technical data

|                          |                              |              |               |
|--------------------------|------------------------------|--------------|---------------|
| Overall dimensions H x W | 14.6 x 40 mm                 |              |               |
| Actuation                | Single                       |              |               |
| Fixing options           | ① ② ③                        |              |               |
| Sealing profile material | PVC                          |              |               |
| Travel                   | 11 mm                        |              |               |
| Min. length              | 235 mm (cannot be shortened) |              |               |
| Standard lengths         | 735, 860, 985, 1,110 mm      |              |               |
| Maximum length           | 1,335 mm                     |              |               |
| Can be shortened by      | 125 mm                       |              |               |
| Article number           | 1-788<br>RAL 9016            | 1-789<br>C-0 | 1-790<br>C-34 |



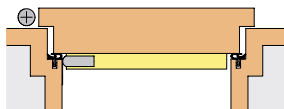
|                          |                              |              |               |
|--------------------------|------------------------------|--------------|---------------|
| Overall dimensions H x W | 15.4 x 45 mm                 |              |               |
| Actuation                | 1-sided, hinge side          |              |               |
| Fixing options           | ③ ④                          |              |               |
| Sealing profile material | Silicone                     |              |               |
| Travel                   | 11 mm                        |              |               |
| Min. length              | 235 mm (cannot be shortened) |              |               |
| Standard lengths         | 735, 860, 985, 1,110 mm      |              |               |
| Maximum length           | 1,335 mm                     |              |               |
| Can be shortened by      | 125 mm                       |              |               |
| Article number           | 1-819<br>RAL 9016            | 1-812<br>C-0 | 1-813<br>C-34 |



### Surface finish

- Stainless steel-coloured, anodised C-31
- Silver-coloured, anodised C-0
- White RAL 9016

### Fixing



### Technical data

Overall dimensions H x W

54 x 17.2 mm

Actuation

Single

Sealing profile material

Silicone, self-extinguishing

Travel

20 mm

Minimum length (cannot be shortened)

235 mm (cannot be shortened)

Standard lengths

805, 930, 1,055 mm

Maximum length

1,600 mm

Can be shortened by

125 mm

Article number

1-885  
C-31

1-884  
C-0

1-888  
C-34

Accessories  
(included in delivery)

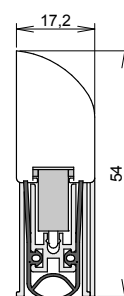
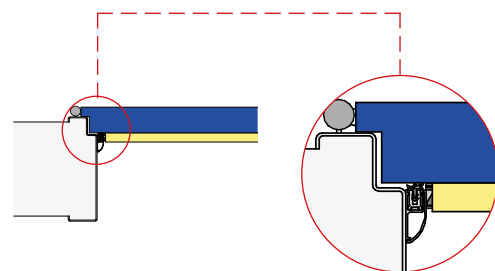
Art. no. 5314  
including stainless steel press plate

## Schall-Ex® L-15 FS

### The best sound insulation

#### for retrofitting

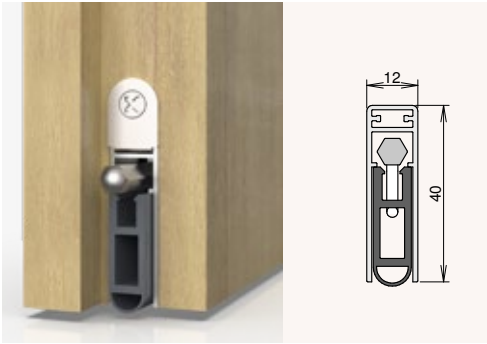
- For sealing heights up to 20 mm
- Snap-on cover profile
- Concealed screws
- Increased stability of form in the door rebate area
- Optimal corner connection
- Easy handling with shortened seal length





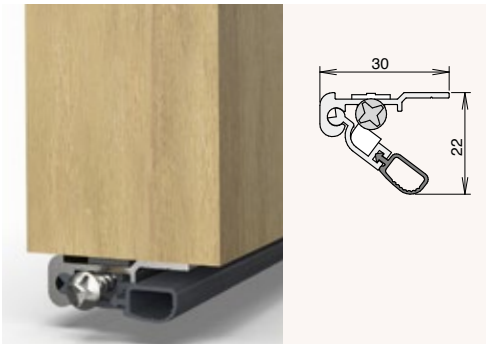
Kältefeind®Allround

- The classic seal on the market
- Proven over more than 50 years
- Surface: silver-coloured, anodised
- With **three** possible installation configurations
- Individually-packed

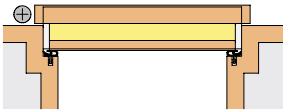
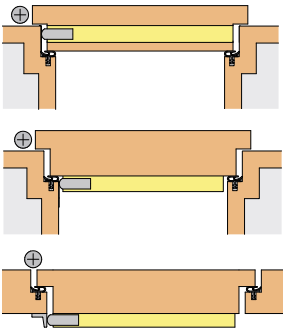


Luftstopp

- For sealing heights from 10 mm to 22 mm
- Solid outer casing with protective protrusion to prevent damage to the door if it touches the floor



Fixing



Technical data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Overall dimensions H x W             | 40 x 12 mm                     |
| Actuation                            | Single                         |
| Sealing profile material             | PVC                            |
| Travel                               | max. 18 mm                     |
| Minimum length (cannot be shortened) | 310 mm (cannot be shortened)   |
| Standard lengths                     | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length                       | 2,000 mm                       |
| Can be shortened by                  | 125 from 708 mm                |
| Article number                       | 1-689                          |

Accessories  
(included in delivery)      Art. no. 5128

|                                |             |
|--------------------------------|-------------|
| 10 x 30 mm                     |             |
| Single side, actuator screw    |             |
| PVC, self-extinguishing        |             |
| 12 mm                          |             |
| 200 mm (cannot be shortened)   |             |
| 708, 833, 958, 1,083, 1,208 mm |             |
| 1,250 mm                       |             |
| on request                     |             |
| 1-162 DIN/L                    | 1-163 DIN/R |

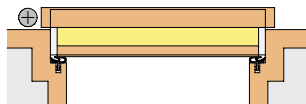
Art. no. 5503 including press plate

## Tilt seal A-15

- Wide adjustment range: up to 15 mm
- Easy height adjustment even with uneven floors
- Simplified inventory as it can be shortened

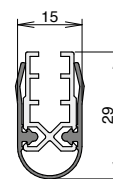


### Fixing



### Technical data

|                          |                                           |
|--------------------------|-------------------------------------------|
| Groove width             | 15 mm                                     |
| Actuation                | Tilt seal                                 |
| Sealing profile material | Silicone (optionally: self-extinguishing) |
| Adjustment range         | 15 mm                                     |
| Min. length              | 220 mm (cannot be shortened)              |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm            |
| Maximum length           | 1,333 mm                                  |
| Can be shortened by      | As required                               |
| Article number           | 1-372                                     |



Accessories  
(included in delivery)

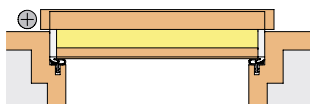
Art. no. 5512

## Tilt seal B-12

- Fast installation and easy height adjustment with 2 screws
- Highly rigid aluminium profile
- Optimal performance in conjunction with Athmer threshold

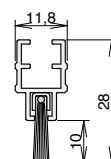


### Fixing



### Technical data

|                          |                                |
|--------------------------|--------------------------------|
| Groove width             | 12 mm                          |
| Actuation                | Tilt seal                      |
| Sealing profile material | Polyamide, black               |
| Adjustment range         | Adjustment range: 10 mm        |
| Min. length              | 220 mm (cannot be shortened)   |
| Standard lengths         | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length           | 1,333 mm                       |
| Can be shortened by      | As required                    |
| Article number           | 1-530                          |

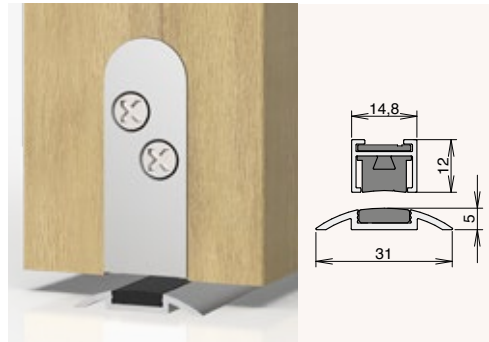


### Accessories

Art. no. 5512

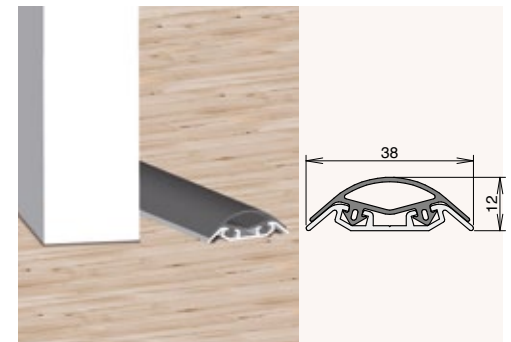
## Magnetomat

- Works on the proven principle of magnetic force
- Automatic level adjustment through flexible magnet tape
- No seal adjustment necessary

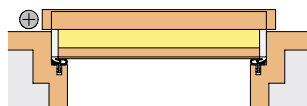


## Threshold seal TS-88

- Threshold with integrated sealing function
- For screwing onto finished flooring



### Fixing



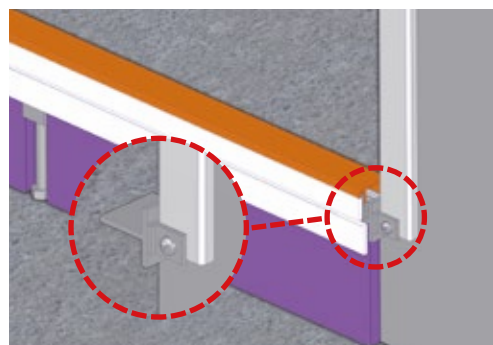
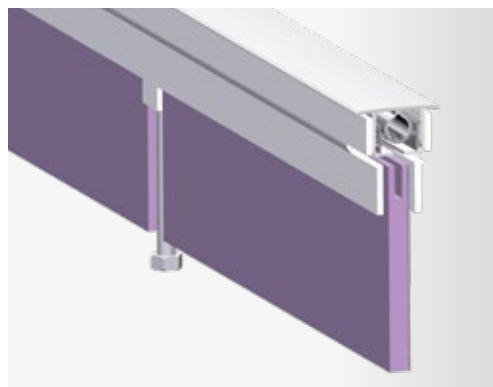
### Technical data

|                           |                                |                                 |
|---------------------------|--------------------------------|---------------------------------|
| Groove width              | 15 mm                          | -                               |
| Actuation                 | -                              | Threshold profile               |
| Sealing profile material  | Magnetic tape                  | Plastic                         |
| Travel   Adjustment range | 5 mm                           | 3 mm                            |
| Min. length               | 585 mm (cannot be shortened)   | -                               |
| Standard lengths          | 708, 833, 958, 1,083, 1,208 mm | 1,000 and 2,000 mm              |
| Maximum length            | 1,333 mm                       | 2,000 mm                        |
| Can be shortened by       | As required                    | As required                     |
| Article number            | 1-167<br>C-0                   | 3-132<br>Grey<br>3-134<br>Black |



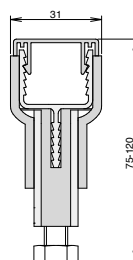
## Screed separation ETS

- Lateral fixing for steel frames with floor recess
- Acoustic barrier
- Thermal barrier against the cold



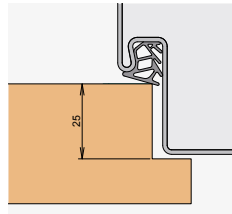
### Technical data

|                     |                                |
|---------------------|--------------------------------|
| Installation height | up to 120 mm                   |
| Material            | Housing = aluminium            |
| Maximum length      | 3,000 mm                       |
| Standard lengths    | 715, 840, 965, 1,090, 1,215 mm |
| Fixed lengths       | Available                      |
| Min. length         | None                           |
| Floor recess        | 35 mm min.                     |

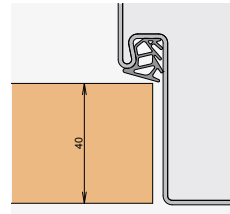


## Screed separation ETS

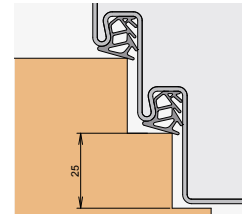
- 3 standard types. Further versions on request.



**ETS-40F**  
Standard rebate



**ETS-40S**  
Without rebate



**ETS-65F**  
Double rebate

### Options

## Thresholds for ETB-94 / ETS

- Seals and thresholds optimally matched, providing a good seal
- Easy installation through clip-on threshold fixing
- Concealed and hygienic fixing



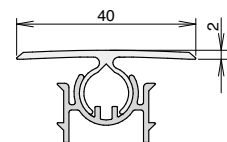
**Flat threshold 40**



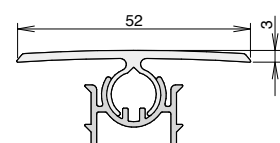
**Flat threshold 52**



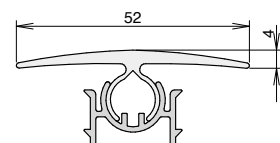
**Half-round threshold 52**



Art. no. 3 -199



Art. no. 3 -194



Art. no. 3 -197

### Technical data

|                  |                                                           |
|------------------|-----------------------------------------------------------|
| Surface finish   | Aluminium, silver-coloured, anodised (C-0)                |
| Maximum length   | 3,000 mm                                                  |
| Standard lengths | 715, 840, 965, 1,090, 1,215 mm<br>Fixed lengths available |

## Optimal performance of seal

## For carpets

- Up to 22 dB better sound reduction
- Partition of the carpet recommended

## For tiled floors

- Smooth contact surface is created
- Joints are sealed

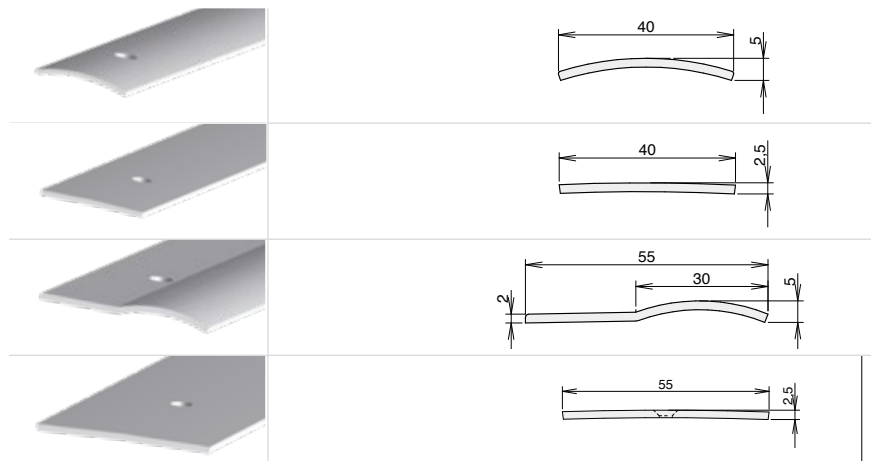
**Stainless steel**  
With brushed matt finish, with protective foil

**Stainless steel threshold 164**  
Art. no. 3 -107

**Stainless steel threshold 365**  
Art. no. 3 -135

**Stainless steel threshold 288**  
Art. no. 3 -103

**Stainless steel threshold 513**  
Art. no. 3 -150



**Aluminium**  
Silver-coloured, anodised Optionally: Anodised shades according to EURAS

**Aluminium threshold 090**  
Art. no. 3 -111

**Aluminium threshold 253**  
Art. no. 3 -114

**Aluminium threshold 088**  
Art. no. 3 -117

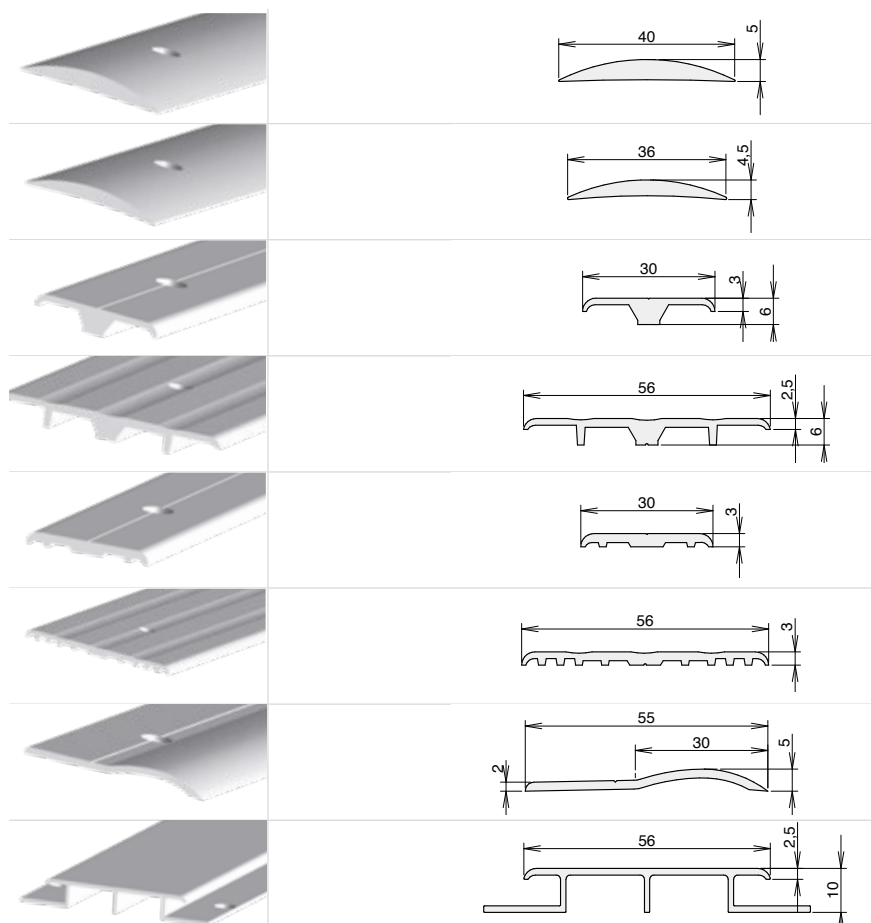
**Aluminium threshold 277**  
Art. no. 3 -104

**Aluminium threshold 308**  
Art. no. 3 -120

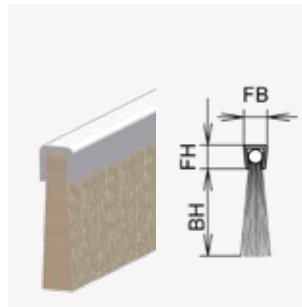
**Aluminium threshold 278**  
Art. no. 3 -108

**Aluminium threshold 217**  
Art. no. 3 -100

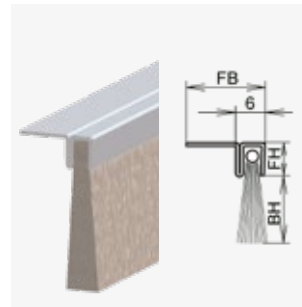
**Aluminium threshold 496**  
Art. no. 3 -152



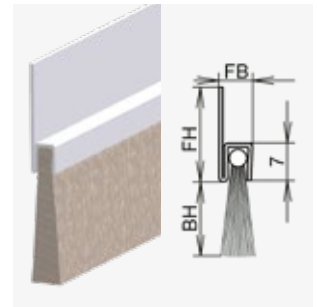
- Thresholds (aluminium and stainless steel) available with or without drill holes



For in-groove mounting



Screw-under



Screw-on

## Nirobros

## Alubros

### Technical data

#### Type

Article number

Fixing

FB

FH

Brush material

Max. length

Carrier profile: Stainless steel

| NE 4.0    | NE 4.0           |
|-----------|------------------|
| 4-436     | 4-440            |
| In-groove | In-groove        |
| 4 mm      | 4 mm             |
| 4 mm      | 4 mm             |
| Black PA  | Horsehair, mixed |
| 2,700 mm  | 2,700 mm         |

Carrier profile: Anodised aluminium

| AU 18-9 silver | AU 18-9 silver   | AA 25-8 silver | AA 25-8 silver   |
|----------------|------------------|----------------|------------------|
| 4-133          | 4-134            | 4-121          | 4-122            |
| Screw-under    | Screw-under      | Screw-on       | Screw-on         |
| 18 mm          | 18 mm            | 8.5 mm         | 8.5 mm           |
| 10 mm          | 10 mm            | 25 mm          | 25 mm            |
| Black PA       | Horsehair, mixed | Black PA       | Horsehair, mixed |
| 2,700 mm       | 2,700 mm         | 2,700 mm       | 2,700 mm         |

### Technical data

## Ferrobros

Carrier profile: Steel, GV

#### Type

Article number

Fixing

FB

FH

Brush material

Max. length

| FE 4.0    | FE 4.0           | FU 16-7     | FU 16-7          |
|-----------|------------------|-------------|------------------|
| 4-336     | 4-340            | 4-354       | 4-358            |
| In-groove | In-groove        | Screw-under | Screw-under      |
| 4 mm      | 4 mm             | 16 mm       | 16 mm            |
| 4 mm      | 4 mm             | 7 mm        | 7 mm             |
| Black PA  | Horsehair, mixed | Black PA    | Horsehair, mixed |
| 2,700 mm  | 2,700 mm         | 2,700 mm    | 2,700 mm         |

#### Type

Article number

Fixing

FB

FH

Brush material

Max. length

| FA 25-6  | FA 25-6          | FA 40-9  |
|----------|------------------|----------|
| 4-306    | 4-310            | 4-324    |
| Screw-on | Screw-on         | Screw-on |
| 6 mm     | 6 mm             | 9 mm     |
| 25 mm    | 25 mm            | 40 mm    |
| Black PA | Horsehair, mixed | Black PA |
| 2,700 mm | 2,700 mm         | 2,700 mm |

## Properties

|                       |
|-----------------------|
| Max. water absorption |
| Abrasion behaviour    |
| Resilience            |
| UV resistance         |
| Temperature range     |
| Electric conductivity |
| + = poor              |
| ++ = medium           |
| +++ = good            |

## Natural bristles

|                                    |
|------------------------------------|
| Horsehair, mixed                   |
| Not suitable for continuous stress |
| +                                  |
| ++                                 |
| +++                                |
| -20°C to +150°C                    |
| ++                                 |

## Synthetic bristles

|                        |
|------------------------|
| Polyamide PA 6.0 black |
| 10 %                   |
| ++                     |
| ++                     |
| ++                     |
| -20°C to +100°C        |
| ++                     |

## Tolerances

### Type

|                                        |
|----------------------------------------|
| In-groove NE 4 + FE 4                  |
| FA 25 + FU 16 screw-on and screw-under |
| Screw-on and screw-under FA 40         |
| Screw-on and screw-under AU + AA       |

| Lengths  | Mounting height | Brush height | Mounting width | Total height |
|----------|-----------------|--------------|----------------|--------------|
| +/- 2 mm | +/- 0.7 mm      | +/- 1 mm     | + 0.7/- 0.5 mm | +/- 1 mm     |
| +/- 2 mm | +/- 2 mm        | +/- 2 mm     | +/- 0.7 mm     | +/- 2 mm     |
| +/- 2 mm | + 3/-2 mm       | +/- 3 mm     | +/- 1 mm       | +/- 3 mm     |
| +/- 2 mm | +/- 0.25 mm     | +/- 2 mm     | +/- 0.25 mm    | +/- 2 mm     |

## Technical data

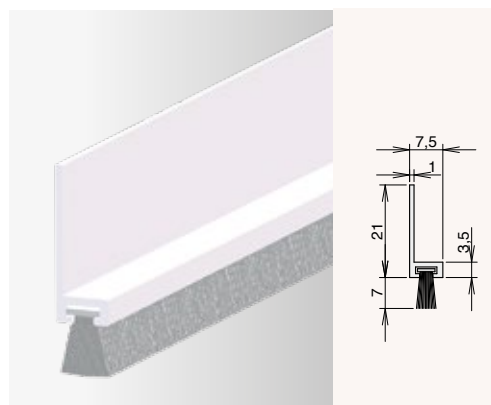
### Type

|                          |
|--------------------------|
| Article number           |
| Fixing                   |
| FB                       |
| FH                       |
| Brush material           |
| Brush height (min./max.) |
| Max. length              |

| KU III white | KU III brown |
|--------------|--------------|
| 332          | 333          |
| Screw-on     | Screw-on     |
| 7.5 mm       | 7.5 mm       |
| 21 mm        | 21.5 mm      |
| Grey PP      | Grey PP      |
| 7 mm         | 7 mm         |
| 2,400 mm     | 2,400 mm     |

## KU III

- Carrier profile: Plastic, white or brown



## SUPER brush seal

- Spring-mounted
- Flat aluminium adhesive carrier profile

## Technical data

|                      |                                                                                    |             |
|----------------------|------------------------------------------------------------------------------------|-------------|
| Fixing               | Self-adhesive                                                                      |             |
| Colour               | White aluminium housing RAL 9016,<br>Sepia brown aluminium RAL 8014, powder-coated |             |
| Standard lengths     | 1,000 mm                                                                           |             |
| Trim                 | 15 mm,black horsehair                                                              |             |
| Individual packaging | SB packaging / foil tube                                                           |             |
| Article number       | 33007 white                                                                        | 33008 brown |







# FRAME SEALS

## **Barrier-free, sound insulation, smoke protection, fire protection, and draught-free**

Seals for insulating sound have become an essential component in the design of new buildings and the upgrading of old buildings. As noise becomes an increasing problem, sound insulation measures are increasingly part of building codes. A door needs to be sealed on all four sides, since noise is transmitted through the air and therefore penetrates through every gap.

Athmer frame seals cover all gaps through which noise, smoke, light and dust can pass.

- ┐ Easy to shorten
- ┐ Self-adhesive
- ┐ Sound reduction up to 52 dB



**Technical data**

Holding rail material  
Article number  
Material  
Gap size  
Length  
PU  
Sealing profile colour

**Schall-Ex® AP 1018 S**

|   |          |         |         |         |
|---|----------|---------|---------|---------|
| - | P160001  | P160002 | P160003 | P160004 |
| - | Silicone |         |         |         |
| - | 5 - 7 mm |         |         |         |
| - | 50 m     |         |         |         |
| - | 2 x 25 m |         |         |         |
| - | Black    | Beige   | Brown   | White   |

**Schall-Ex® AP 1018 TE**

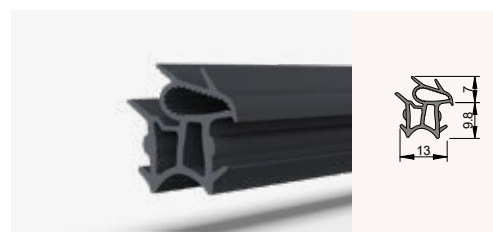
|   |          |         |         |         |
|---|----------|---------|---------|---------|
| - | P160005  | P160006 | P160007 | P160008 |
| - | TPE      |         |         |         |
| - | 5 - 7 mm |         |         |         |
| - | 100 m    |         |         |         |
| - | 100 m    |         |         |         |
| - | Black    | Beige   | Brown   | White   |

**Technical data**

Holding rail material  
Article number  
Material  
Gap size  
Length  
PU  
Sealing profile colour

**Schall-Ex® AP 1019 TE**

|   |          |         |         |         |
|---|----------|---------|---------|---------|
| - | P160009  | P160010 | P160011 | P160012 |
| - | Silicone |         |         |         |
| - | 5 - 8 mm |         |         |         |
| - | 150 m    |         |         |         |
| - | 150 m    |         |         |         |
| - | Black    | Beige   | Brown   | White   |

**Schall-Ex® AP 2018 TE**

|   |            |         |         |         |
|---|------------|---------|---------|---------|
| - | P160013    | P160014 | P160015 | P160016 |
| - | TPE        |         |         |         |
| - | 4.5 - 6 mm |         |         |         |
| - | 75 m       |         |         |         |
| - | 5 x 15 m   |         |         |         |
| - | Black      | Beige   | Brown   | White   |

**Technical data**

Holding rail material  
Article number  
Material  
Gap size  
Length  
PU  
Sealing profile colour

**Schall-Ex® AP 1020 TS**

|   |            |         |         |         |         |
|---|------------|---------|---------|---------|---------|
| - | P160017    | P160018 | P160019 | P160020 | P160021 |
| - | TPS        |         |         |         |         |
| - | 5 - 6.5 mm |         |         |         |         |
| - | 100 m      |         |         |         |         |
| - | 100 m      |         |         |         |         |
| - | Black      | Beige   | Brown   | White   | Grey    |

**Schall-Ex® AP 1023 TS**

|   |          |         |         |         |         |
|---|----------|---------|---------|---------|---------|
| - | P160022  | P160023 | P160024 | P160025 | P160026 |
| - | TPE      |         |         |         |         |
| - | 5 - 8 mm |         |         |         |         |
| - | 150 m    |         |         |         |         |
| - | 150 m    |         |         |         |         |
| - | Black    | Beige   | Brown   | White   | Grey    |

## Unitherm I

Seals and dampens existing doors

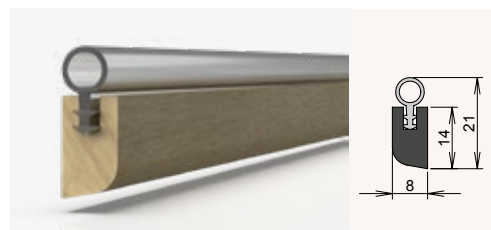


### Technical data

|                          |                                                                              |
|--------------------------|------------------------------------------------------------------------------|
| Standardlength           | 2,100 mm                                                                     |
| Article number           | 319 200                                                                      |
| Sealing profile material | TPE                                                                          |
| Sealing profile colour   | Brown                                                                        |
| Holding rail material    | Beechwood                                                                    |
| Holding railcolour       | Beech                                                                        |
|                          | Further colours and profiles with a minimum of 800 m available upon request. |

## Unitherm II HG

Seals and dampens existing doors



|                          |                                                                              |
|--------------------------|------------------------------------------------------------------------------|
| Standardlength           | 2,100 mm                                                                     |
| Article number           | 319 000                                                                      |
| Sealing profile material | PVC                                                                          |
| Sealing profile colour   | Transparent                                                                  |
| Holding rail material    | Beechwood                                                                    |
| Holding railcolour       | Beech                                                                        |
|                          | Further colours and profiles with a minimum of 800 m available upon request. |

## Unitherm II HK

Seals and dampens existing doors

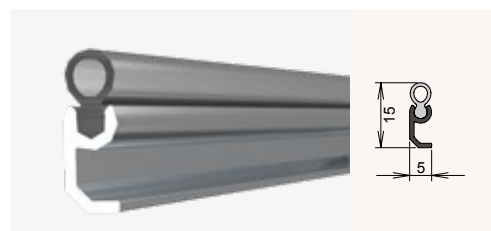


### Technical data

|                          |                                                                             |
|--------------------------|-----------------------------------------------------------------------------|
| Standardlength           | 2,100 mm                                                                    |
| Article number           | 319 001                                                                     |
| Sealing profile material | PVC                                                                         |
| Sealing profile colour   | Transparent                                                                 |
| Holding rail material    | Beechwood                                                                   |
|                          | Further colours and profiles with a minimum of 800 m available upon request |

## Unitherm XIII

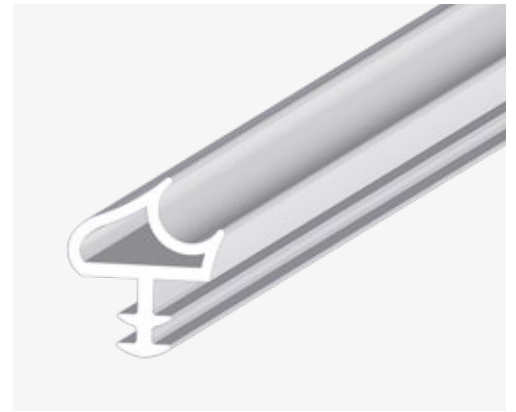
Seals and dampens existing doors



|                          |                                                                             |
|--------------------------|-----------------------------------------------------------------------------|
| Standardlength           | 2,100 mm                                                                    |
| Article number           | 319 080                                                                     |
| Sealing profile material | PVC                                                                         |
| Sealing profile colour   | Transparent                                                                 |
| Holding rail material    | Aluminium                                                                   |
|                          | Further colours and profiles with a minimum of 800 m available upon request |

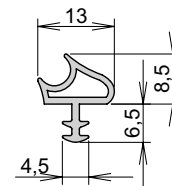
## T-Dicht

- Acoustic door seal made of high-grade thermoplastic for timber frames
- Sound insulation up to 48 dB



### Technical data

|                                                        |         |         |
|--------------------------------------------------------|---------|---------|
| Length / Bundle                                        | 25 m    |         |
| Article number                                         | 391 105 | 395 105 |
| Material                                               | TPE     |         |
| Colour                                                 | Brown   | White   |
| Custom colours available starting at a length of 800 m |         |         |



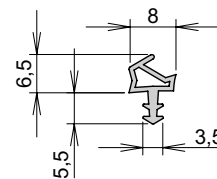
## F-Dicht

- Especially suitable for doors and French doors



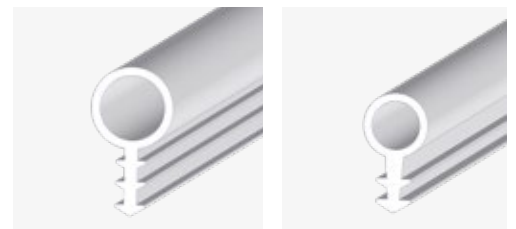
### Technical data

|                 |         |             |         |
|-----------------|---------|-------------|---------|
| Length / Bundle | 25 m    |             |         |
| Article number  | 190 022 | 190 023     | 190 021 |
| Material        | TPE     |             |         |
| Colour          | Grey    | Transparent | Brown   |



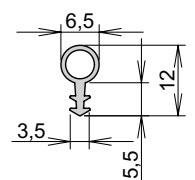
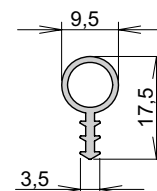
## Sili I / Sili II

- Especially suitable for doors and French doors



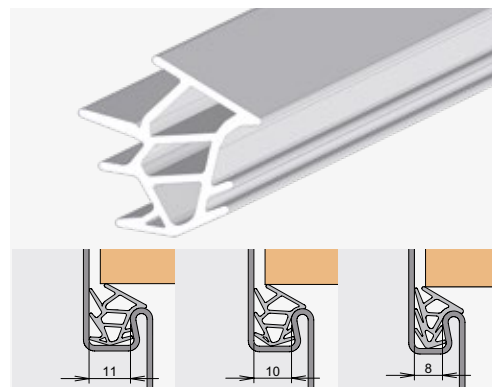
### Technical data

|                 |             |             |
|-----------------|-------------|-------------|
| Length / Bundle | 50 m        | 50 m        |
| Article number  | 150 001     | 150 002     |
| Material        | PVC         | PVC         |
| Colour          | Transparent | Transparent |



## ZD Universal

- Ideal for dealers' stocks
- Steel frame seal for different groove widths
- As a replacement for many well-known frame seal types
- Groove width 8 - 11 mm
- Sealing height 3 - 7 mm



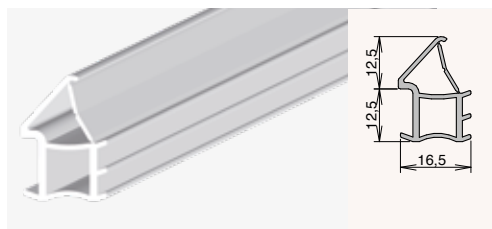
### Technical data

Type  
Article number  
Length / Bundle measuring  
Material  
Colour

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| ZD Universal                                                                      | ZD 370 025                                                                        | ZD 370 235                                                                          |
| 370 300                                                                           | 370 025                                                                           | 370 235                                                                             |
| 5 m                                                                               | 5 m                                                                               | 5 m                                                                                 |
| TPE                                                                               | TPE                                                                               | TPE                                                                                 |

Grey (Custom colours available starting at a length of 800 m)

## ZD Slide - 12/12



### Technical data

Standard length  
Article number  
Sealing profile material  
Sealing profile colour

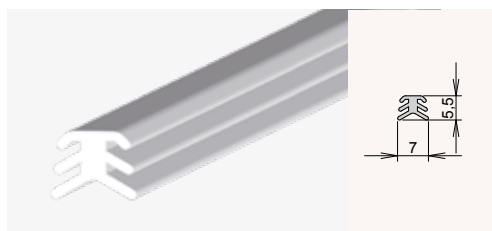
|                       |
|-----------------------|
| Available by themetre |
| 210                   |
| Silicone              |
| Grey                  |

## Unitherm Slide 22/22



|                      |          |
|----------------------|----------|
| 2,000 mm             | 2,500 mm |
| 319 050              | 319 051  |
| Silicone + beechwood |          |
| Grey                 |          |

## Slide 5 for VHH



### Technical data

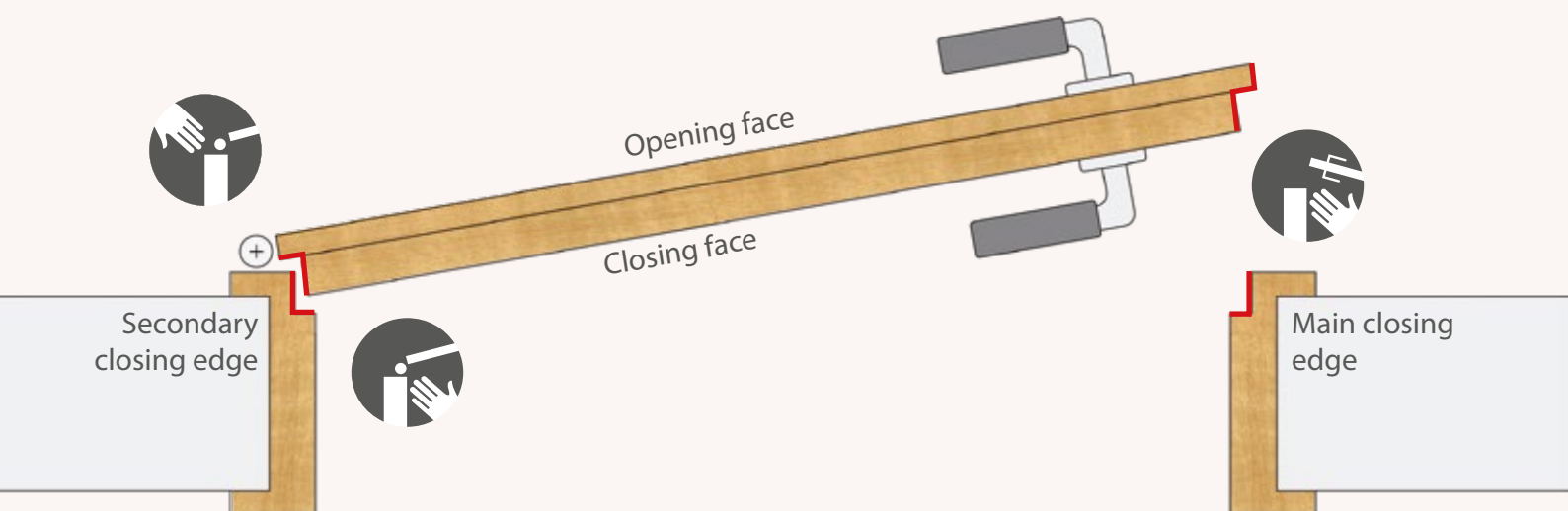
Standard length  
Article number  
Sealing profile material  
Sealing profile colour

|                       |
|-----------------------|
| Available by themetre |
| 284                   |
| Silicone              |
| Grey                  |

## Slide VN - 8/10



|                       |
|-----------------------|
| Available by themetre |
| 523                   |
| Silicone              |
| Transparent           |



### Effective prevention against fingers becoming trapped between the door leaf and the frame

Athmer finger protection systems have been preventing injuries for thirty years by effectively reducing the risk of fingers becoming accidentally trapped in doors.

### Finger protection on doors

The use of finger protection systems lies in principle within the responsibility of the operator. The operator makes a decision on the products depending on the door users and the spatial conditions, then determining the position of installation. Especially for the following applications and areas, specific rules and regulations apply:

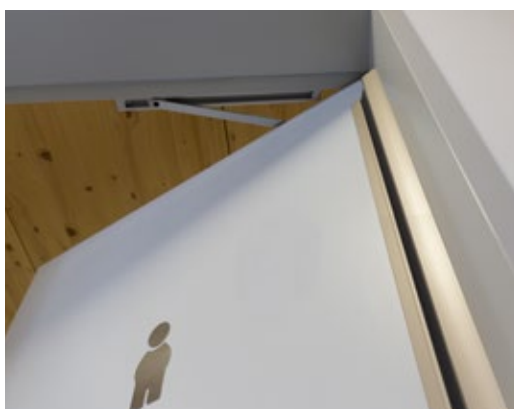
### Finger protection in child daycare centres

The German Accident Prevention Regulation (Unfall-Verhütungs-Vorschrift, UVV, DGUV Vorschrift 82 Kindertageseinrichtungen §13 [3]) presents architects, planners and builders of daycare facilities with new challenges. It specifies among other things in § 13 (3): "Shearing points must be avoided on the hinge side of doors." Our Athmer Finger Protection products offer the ideal solution.

### Finger protection for fire doors

Athmer finger protection systems are also suitable for use with fire doors and smoke control doors. The door manufacturer must authorise the finger protection and have it registered in the general building authority approval for the respective door (German: allgemeine bauaufsichtliche Zulassung, abZ). Athmer provides support to door manufacturers in doing so.

For retrofitting, deviance from this regulation is only possible with permission from the building supervisory authority/fire authority. In the absence of regulations, there is currently no possibility to obtain general approval for finger protection systems.



Use our product configurator on the Athmer website:

Further information can be found at:  
[www.athmer.com](http://www.athmer.com)



## Product family

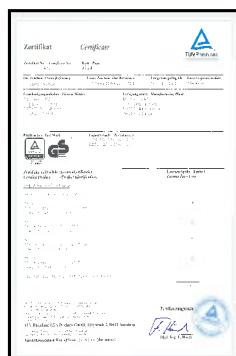


## Athmer Finger Protection

for the hinge side on the closing face

- Reliably covers the gap between the door leaf and the door frame
- Maintenance-free
- Easy to clean
- Supply package includes accessories
- Aluminium profiles
- Opening face protective profiles are suitable for complete finger protection at the closing edge
- Retrofittable
- Available in fixed and standard lengths
- Individual choice of colours

## Certified quality



www.tuv.com  
ID 1111209885







## NEW - NR-32 UniSafe® sets new standards

With the NR-32 UniSafe®, Athmer has developed a new finger protection system which proves itself through unique design, more safety and many additional features.

### SAFETY in use

- Enhanced protection due to improved door gap cover and blunted profile edges  
With tamper-proof KLiCK system and sturdy housing

### One DESIGN for all applications

- Integration in existing inner architectures and door designs for continuous design throughout the building, for indoor and outdoor use

### KLiCK system for fast and secure installation/ deinstallation

- Time-saving installation with only a few fixing points
- Easy replacement of damaged finger protection systems

### INSTALLATION IN COMMERCIAL PROJECTS in two stages

- Delivery and installation of the fixing rails and finger protection at time-shifted intervals prevents damage to the product during the construction phase

### ADAPTATION to panic fittings can easily be provided on site

- The carrier profile is equipped as standard for this purpose and can be easily inserted and disengaged from existing hardware systems, e.g. push bar, touch bar, ram protection bar, etc.

### RAM PROTECTION for demanding environments (e.g. hospitals, airports)

- Force-deflecting element as additional protection for the door and frame

### MAINTENANCE and CLEANING through simple unlocking

- Problem-free hinge maintenance, seal adjustment possible





Image video

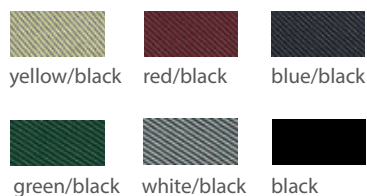


Installation video

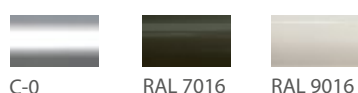
## NR-32 UniSafe®

- Easy to install and dismantle
- One design for all applications
- KLiCK system with concealed screws
- Protective roller blind automatically maintains constant tension
- Flexible choice of colours
- Fabric made of fire-retardant synthetic fibre, black as standard
- Optional: **NR-32 UniSafe® XL** with  320 mm extension length for:
  - Fabric, black
  - Fabric, w-proof variant
- Optional: **Ram protection** in the lengths 500 mm, 960 mm, 1,923 mm

### Fabric colour



### Standard profile colours without additional cost



### Profile colour

Further colours on request.



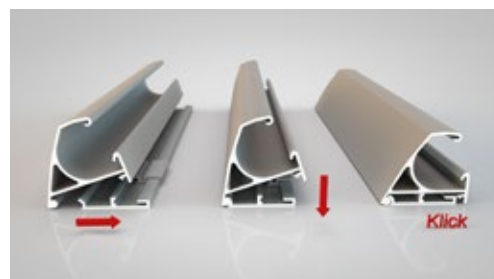
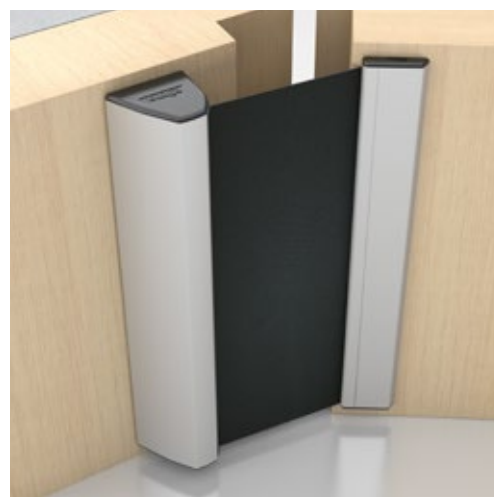
### Technical data

|                                   |                     |
|-----------------------------------|---------------------|
| Reduction in door clearancewidth  | 32 mm               |
| Max. length                       | 3,000 mm            |
| Standard length*                  | 1,925 mm / 2,050 mm |
| Length for power-operated doors** | 2,000 mm / 2,500 mm |
| Minimum length                    | 325 mm              |
| Fixed lengths                     | Available           |
| Can be shortened by               | -                   |

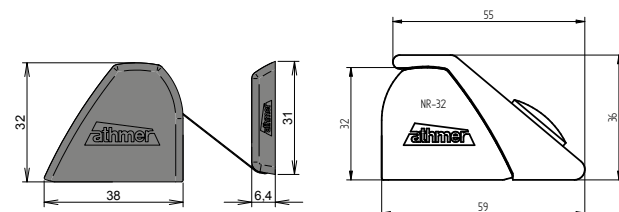
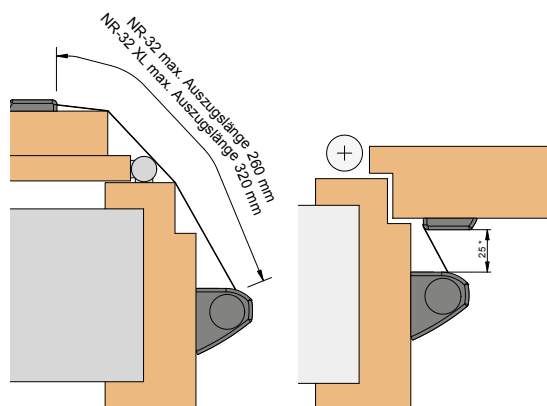
\* Length supplied for standard doors in accordance with DIN 18101 with BR2000 and BR2125.

\*\* According to EN 16005 - Power-operated doors - Safety in use

The right to make technical changes is reserved | athmer oHG | Last updated 31.10.2019



anthracite / w-proof in external use



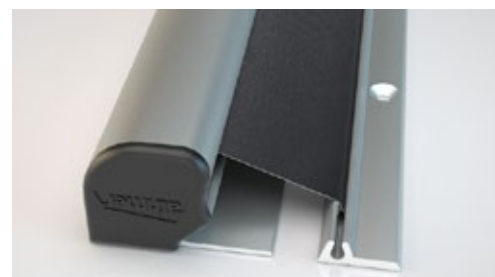
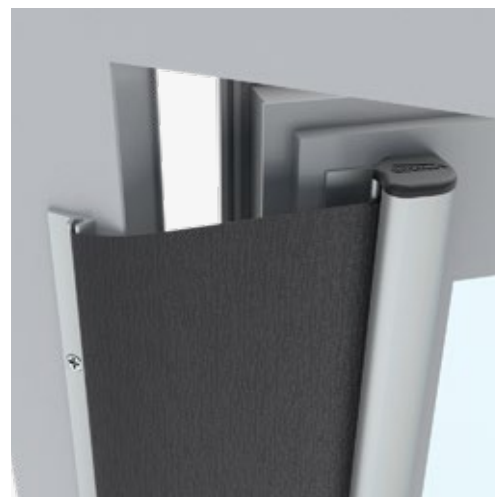


## NR-26 w-proof

- Protective roller blind
  - Automatically maintains constant tension
- Weatherproof
- Temperature range -20 to +50 °C
- - Resistant to rain, snow, frost, foliage, dirt and UV light
- Extremely compact and robust design
- Concealed screws on the blind side
- Flexible choice of colours
- Fire retardant synthetic fibre cover
  - Synthetic fibre

Verified long-term reliability 200,000

Extension length: 260 mm



### Fabric colour



Anthracite

### Profile colour



C-0



C-31



RAL 9016



RAL 3020



RAL 6005



RAL 7030



RAL 7016



RAL 9006

\* Length supplied for standard doors in accordance with DIN 18101 with BR2000. For doors with BR2125, we recommend that you order a length of 2,050 mm. \*\*Optional multi-use drill with Ø 3 mm, art. no. 5127

Further colours on request.

### Technical data

Reduction in door clearancewidth

26 mm

Max. length

2,500 mm

Standard length\*

1,925 mm

Length for power-operated doors

2,015 mm

Minimum length

325 mm

Fixed lengths

Available

Can be shortened by

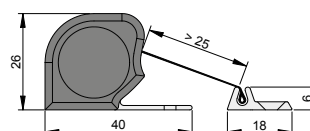
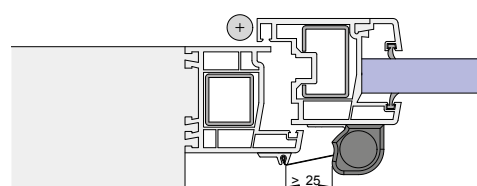
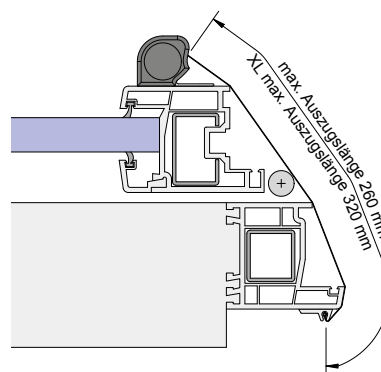
-

Standard accessories

5830

Accessories for timber frames\*\*

5831





+++1,000,000 test cycles-  
measurable quality +++



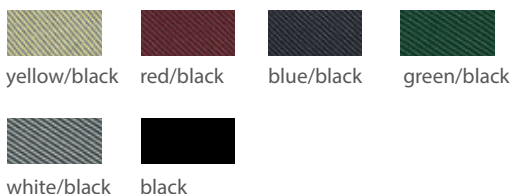
## NR-30

- Easy to install and dismantle
- Protective roller blind automatically maintains constant tension
- Innovative design
- Flexible choice of colours
- Concealed snap-on fastening
- Fire retardant synthetic fibre cover
- Synthetic fibre
- Optional: **NR-30 XL** with 320 mm extension length, black fabric
- **NEW TOOLBOX** for fast and easy assembly

Verified long-term reliability: 1,000,000

Extension length: 260 mm

### Fabric colour



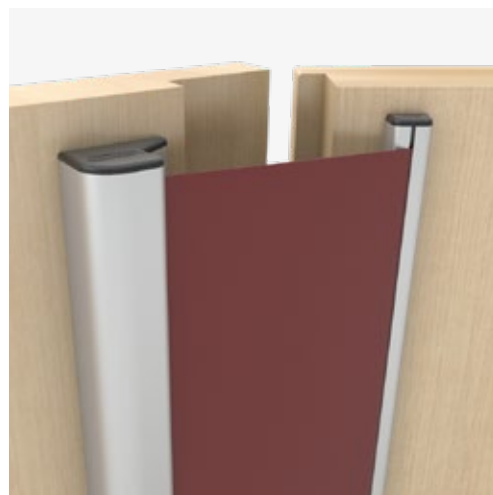
### Profile colour



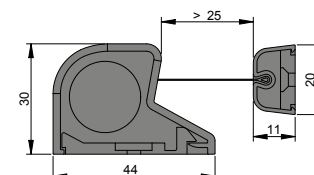
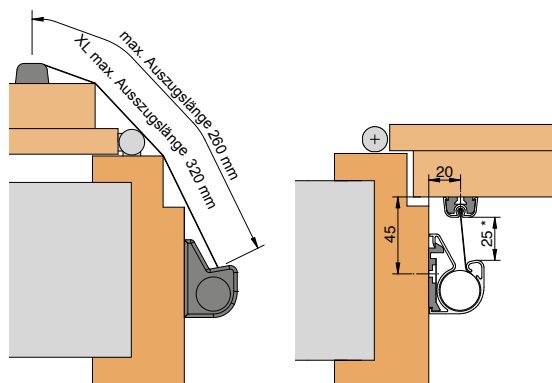
\* Length supplied for standard doors in accordance with DIN 18101 with BR2000. For doors with BR2125, we recommend that you order a length of 2,050 mm. \*\*Optional multi-use drill with Ø 3 mm, art. no. 5127

### Technical data

|                                     |           |
|-------------------------------------|-----------|
| Reduction in door clearancewidth    | 30 mm     |
| Max. length                         | 2,500 mm  |
| Standard length*                    | 1,925 mm  |
| Length for power-operated doors     | 2,015 mm  |
| Minimum length                      | 325 mm    |
| Fixed lengths                       | Available |
| Can be shortened by                 | -         |
| Standard accessories                | 5825      |
| Accessories for metal door frames** | 5125      |



Further colours on request.





+++ 1,000,000 test cycles -  
measurable quality +++



## NR-38

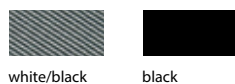
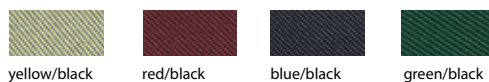
- Protective roller blind
  - automatically maintains constant tension
- Concealed screws on the blind side
- For mounting on wrap-around frames with a reveal depth from 60 mm
- Ergonomic shape
- Fire retardant synthetic fibre cover
- Synthetic fibre
- Optional: **NR-38 XL** with 320 mm extension length, black fabric

Verified long-term reliability: 1,000,000

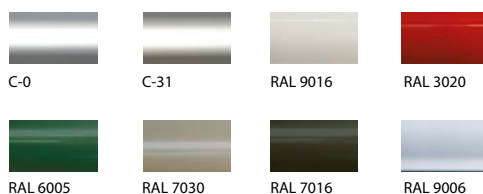
Extension length: 260 mm



### Fabric colour



### Profile colour



Further colours on request.

### Technical data

Reduction in door clearancewidth

38 mm

Max. length

2,500 mm

Standard length\*

1,925 mm

Length for power-operated doors

2,015 mm

Minimum length

325 mm

Fixed lengths

Available

Can be shortened by

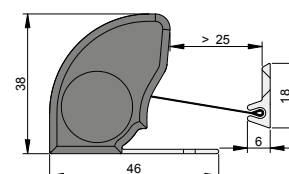
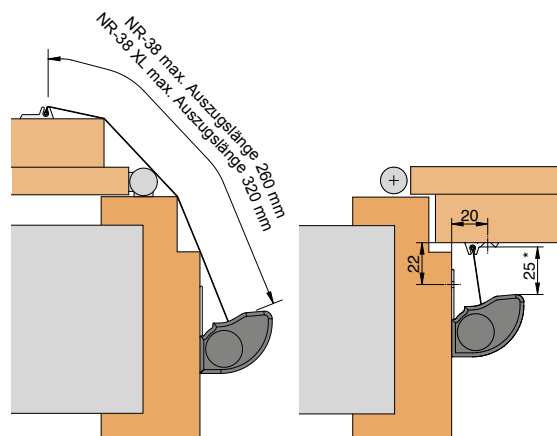
-

Standard accessories

5823

Accessories for metal door frames\*\*

5125





+++1,000,000 test cycles-  
measurable quality +++



## NR-25

- Proven protective system for decades
  - Compact form
  - Optional version for fitting to glass doors
  - Protective roller blind automatically maintains constant tension
  - Fire retardant synthetic fibre cover
- Synthetic fibre

Verified long-term reliability: 1,000,000

Extension length: 260 mm



### Fabric colour



black

### Profile colour



C-0



C-31



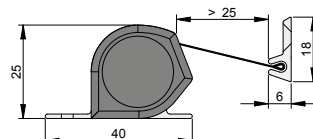
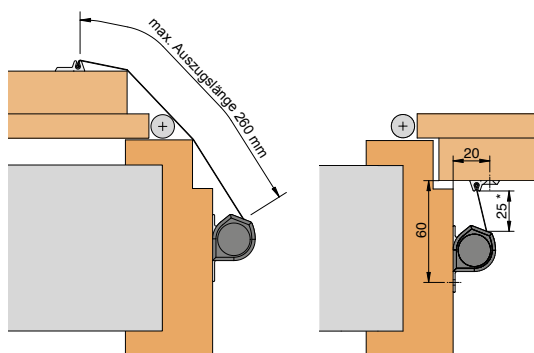
RAL 9016

Further colours on request.

### Technical data

|                                     |           |
|-------------------------------------|-----------|
| Reduction in door clearancewidth    | 25 mm     |
| Max. length                         | 2,500 mm  |
| Standard length*                    | 1,925 mm  |
| Length for power-operated doors     | 2,015 mm  |
| Minimum length                      | 325 mm    |
| Fixed lengths                       | Available |
| Can be shortened by                 | -         |
| Standard accessories                | 5823      |
| Accessories for metal door frames** | 5125      |

\* Length supplied for standard doors in accordance with DIN 18101 with BR2000. For doors with BR2125, we recommend that you order a length of 2,050 mm.  
\*\*Optional multi-use drill with Ø 3 mm, art. no. 5127





## NA-7

- Cover made of special plastic
- Particularly flat design
- Suitable for door leaf thicknesses up to 42 mm, a door opening restrictor can be used if required



Verified long-term reliability: 200,000

Extension length: 125 mm

### Cover colour



Platinum grey RAL 7036

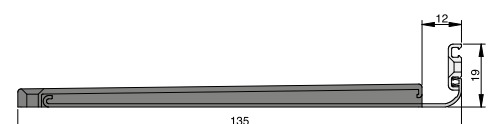
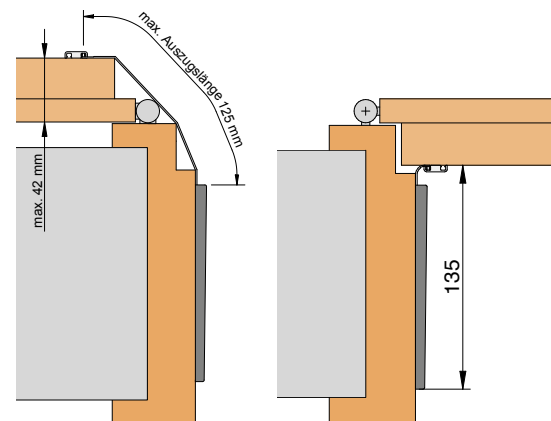
### Profile colour



C-0

### Technical data

|                                     |           |
|-------------------------------------|-----------|
| Reduction in Frame clearancewidth   | 7 mm      |
| Maximum length                      | 2,500 mm  |
| Standard length*                    | 1,943 mm  |
| Minimum length                      | None      |
| Fixed lengths                       | Available |
| Can be shortened by                 | ✓         |
| Standard accessories                | 5940      |
| Accessories for metal door frames** | 5125      |



## Athmer Finger Protection on automatic doors

### Tested in accordance with EN 16005

Power-operated doors must open and close safely in order to ensure safety in use. For this purpose, a risk assessment must be carried out by the manufacturer of the door system during planning. Possible crushing and shearing hazard points must be identified and eliminated. For this reason, EN 16005 stipulates that the hinge side must be safeguarded on principle up to a height of 2,000 mm.

### Retrofitting of existing doors according to ASR A1.7

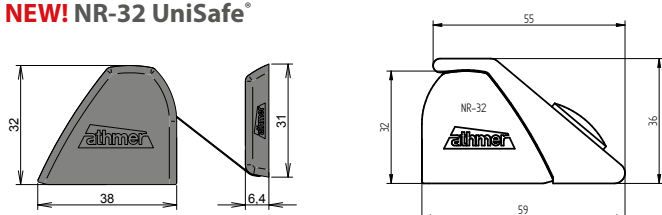
If during regular maintenance by the service technician it is determined that protective devices are missing or do not correspond to the current state of the art, this must be entered in the test logbook and communicated to the operator. In order to comply with the workplace regulation ASR A1.7, the operator must also retrofit any existing doors with critical safety standards. If this is not done, the operator bears the risk of an accident.



For outdoor use

- Standard length for automatic doors: 2,015 mm (NR-32: 2,000 mm)

### NEW! NR-32 UniSafe®



## Opening side protective profiles

Protective profiles are suitable for safeguarding the hinge side of opening faces. We recommend these in the form of sets in individual lengths.

- Suitable for outdoor use
- Can be shortened
- Flexible choice of colours

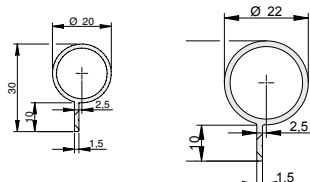


### BO

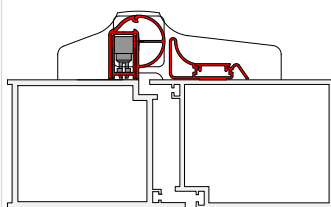
### BA-28

### BU-K<sup>+</sup>

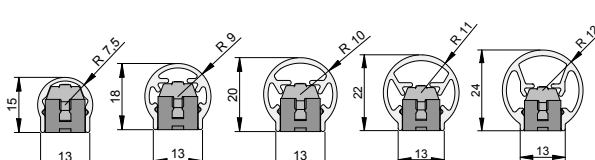
#### BO-20, BO-22



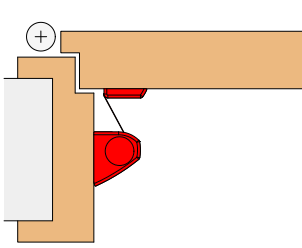
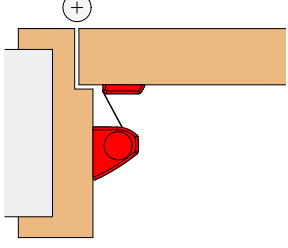
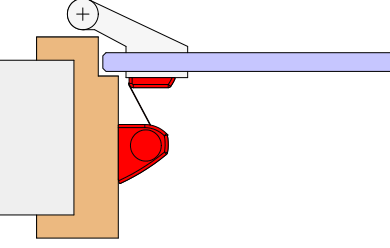
#### BA-28



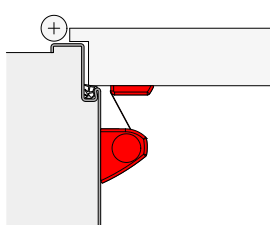
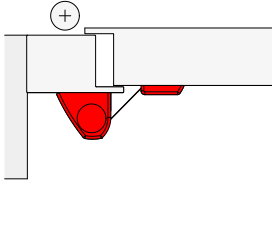
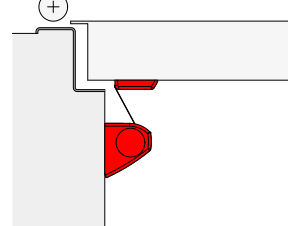
#### BU-16K<sup>+</sup>, BU-18K<sup>+</sup>, BU-20K<sup>+</sup>, BU-22K<sup>+</sup>, BU-24K<sup>+</sup>





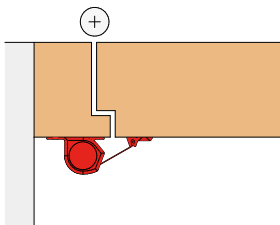
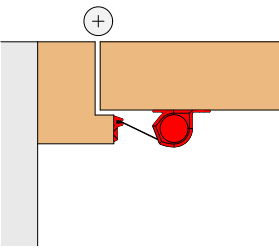
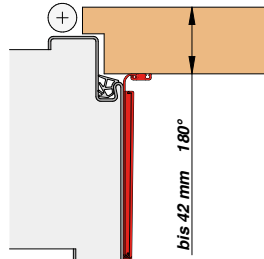
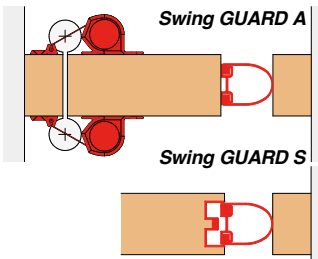
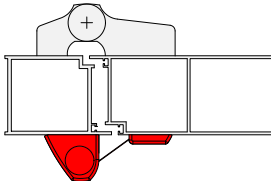
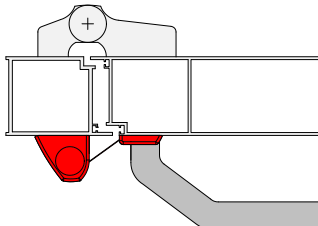
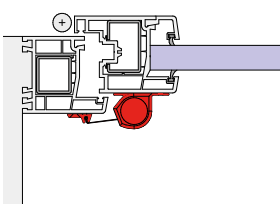
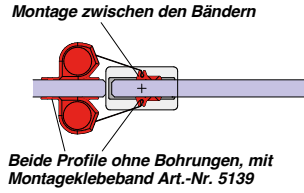
| Frame               | Timber wrap-around frame                                                          | Timber wrap-around frame                                                           | Timber wrap-around frame                                                            |
|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Door leaf           | Timber, with rebate                                                               | Timber, without rebate                                                             | All-glass                                                                           |
| Door geometry       |  |  |  |
| Type NR-38          | ✓                                                                                 | ✓                                                                                  | -                                                                                   |
| Type NR-32 UniSafe® | ✓                                                                                 | ✓                                                                                  | ✓                                                                                   |
| Type NR-30          | ✓                                                                                 | ✓                                                                                  | -                                                                                   |
| Type NR-26          | -                                                                                 | -                                                                                  | -                                                                                   |
| Type NR-25          | ✓                                                                                 | ✓                                                                                  | -                                                                                   |
| Type NA-7           | ✓                                                                                 | ✓                                                                                  | -                                                                                   |

| Frame               | Steel wrap-around frame                                                             | Steel frame                                                                          | Z frame                                                                               |
|---------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Door leaf           | Steel, with rebate                                                                  | Steel, flush fit                                                                     | Steel                                                                                 |
| Door geometry       |  |  |  |
| Type NR-38          | ✓                                                                                   | ✓                                                                                    | ✓                                                                                     |
| Type NR-32 UniSafe® | ✓                                                                                   | ✓                                                                                    | ✓                                                                                     |
| Type NR-30          | ✓                                                                                   | ✓                                                                                    | ✓                                                                                     |
| Type NR-26          | -                                                                                   | -                                                                                    | -                                                                                     |
| Type NR-25          | ✓                                                                                   | ✓                                                                                    | ✓                                                                                     |
| Type NA-7           | ✓                                                                                   | -                                                                                    | ✓                                                                                     |

For further applications, refer to:

Product selector at [www.athmer-fingerschutz.de](http://www.athmer-fingerschutz.de)

| Timber blocklock frame                                                              | Timber block frame                                                                  | Steel wrap-around frame                                                              | Reveal frame                                                                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Timber, with rebate                                                                 | Timber, without rebate                                                              | Timber, with rebate                                                                  | Double-swing door                                                                     |
|    |    |    |    |
| ✓                                                                                   | ✓                                                                                   | ✓                                                                                    | -                                                                                     |
| ✓                                                                                   | -                                                                                   | ✓                                                                                    | -                                                                                     |
| ✓                                                                                   | ✓                                                                                   | ✓                                                                                    | ✓                                                                                     |
| -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| ✓                                                                                   | ✓                                                                                   | ✓                                                                                    | ✓                                                                                     |
| ✓                                                                                   | ✓                                                                                   | ✓                                                                                    | ✓                                                                                     |
| Reveal frame                                                                        | Reveal frame                                                                        | Reveal frame                                                                         | Glass wall                                                                            |
| Aluminium profiled door, flush fit                                                  | Profiled door with bar handle, flush fit                                            | Plastic profiled door, recessed                                                      | All-glass                                                                             |
|  |  |  |  |
| ✓                                                                                   | ✓                                                                                   | ✓                                                                                    | ✓                                                                                     |
| ✓                                                                                   | ✓                                                                                   | ✓                                                                                    | ✓                                                                                     |
| ✓                                                                                   | -                                                                                   | ✓                                                                                    | -                                                                                     |
| ✓                                                                                   | ✓                                                                                   | ✓                                                                                    | -                                                                                     |
| ✓                                                                                   | ✓                                                                                   | ✓                                                                                    | ✓                                                                                     |
| -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |

**Please note:**

- Our illustrations show standardised installation situations. Please check your particular installation situation on site. Please follow the installation instructions provided on the Internet.
- Do not use rising butt hinges.
- Can be mounted on the frame or on the door leaf, as required.



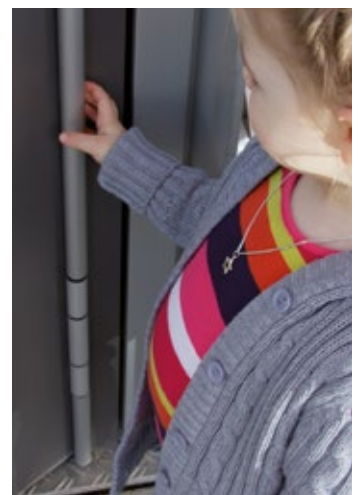
#### Product family



## Opening side protective profiles

### for the hinge side of the opening face

- Opening face protective profiles safeguard the gap between the door leaf and the frame reliably on the opening face.
- Suitable for retrofitting
- Maintenance-free
- Aluminium profiles anodised or colour coated
- Suitable for outdoor use
- Fixed lengths available
- For all hinge diameters
- Available as a set for installation under, between and above the hinges

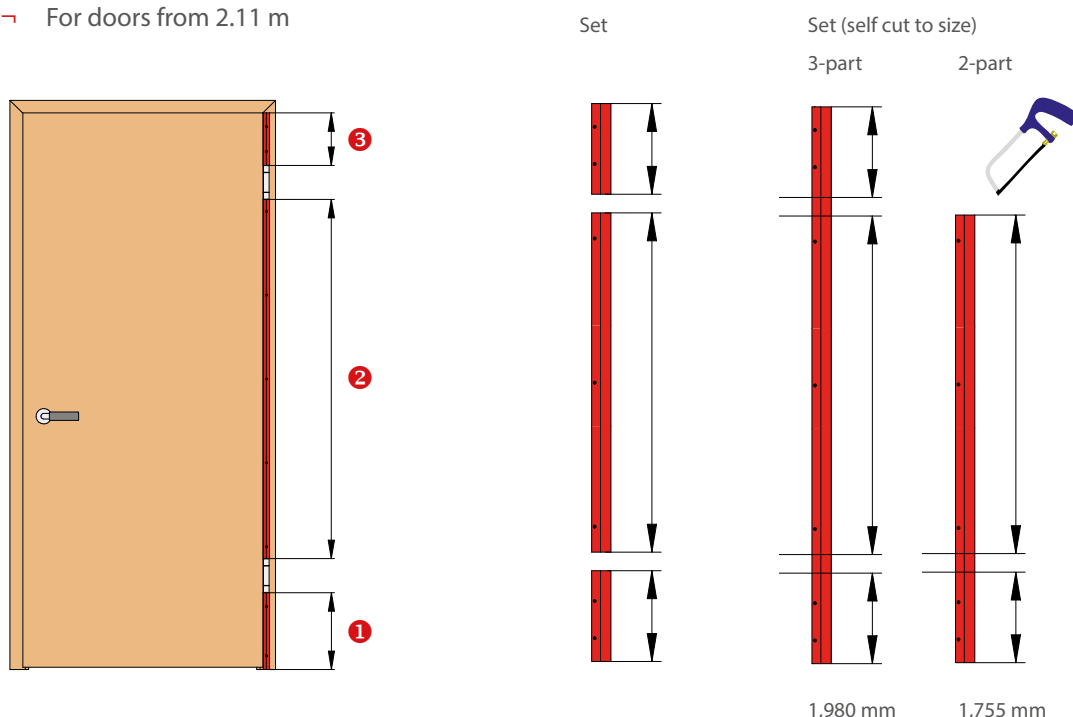


## Sets

- Surface finish: Anodised aluminium or colour coated
- Also available as a set, comprising:
  - Profile 1: below the lower hinge
  - Profile 2: between the hinges
  - Profile 3 (optional): above the upper hinge
- No cutting required on site
- Easy to install

### Sets for self cutting to size

- 2-part for safeguarding between and below the hinges
- 3-part for safeguarding between, above and below the hinges
- For doors from 2.11 m



### Technical data for sets

#### Sets

Fixed lengths for profile 1 / 2 / 3

## Snap-on fastening for BU-K<sup>+</sup> for BU-K<sup>+</sup> profiles

- Adjustable 2D fixing element
  - Easy installation without markings or installation aids
  - Vertically and laterally adjustable in relation to the hinge axis; readjustable, to prevent sharp edges,
  - No installation of spacers necessary
- Safe installation possible through standard-compliant adjustment
  - For cleaning or for readjusting the hinge
  - Disassembly possible without damaging the profile
- Design-oriented profile geometry adapted to the hinge; invisible screws
- A fixing element with firm fixing for various sizes of profile



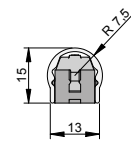
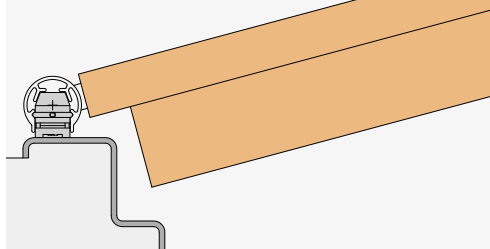
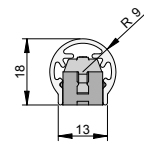
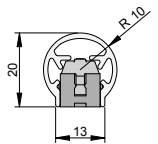
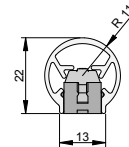
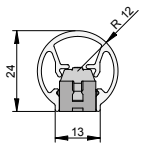


## BU -K<sup>+</sup>

### Protective profiles for rebated doors

- Adjustable 2D fixing element
- Invisible screws
- For timber and metal frames
- Hinge Ø15 – 24 mm

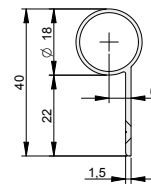
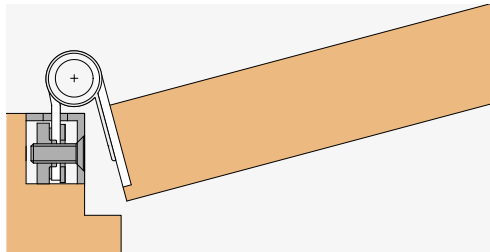
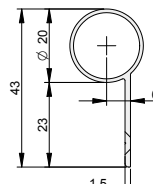
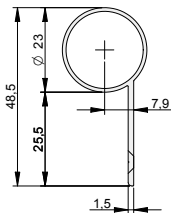
#### Application

BU-16K<sup>+</sup>BU-18K<sup>+</sup>BU-20K<sup>+</sup>BU-22K<sup>+</sup>BU-24K<sup>+</sup>

## BD<sup>+</sup>

### Protective profiles for doors without rebate with hinges for adjustable retainer elements

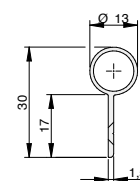
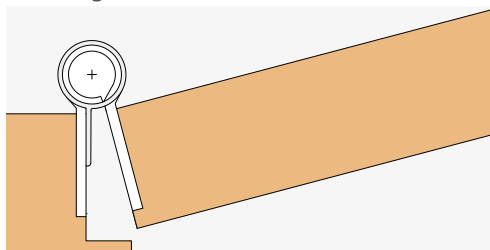
- Hinge Ø15 - 24 mm

BD<sup>+</sup>-18BD<sup>+</sup>-20BD<sup>+</sup>-23

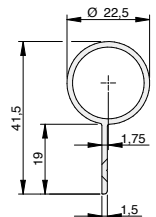
## BO

### Protective profiles for doors without rebate with screw-on flap hinges

- Hinge Ø12 - 14mm, 22 - 24mm



BO-13



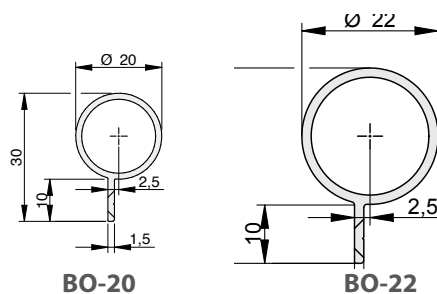
BO-23



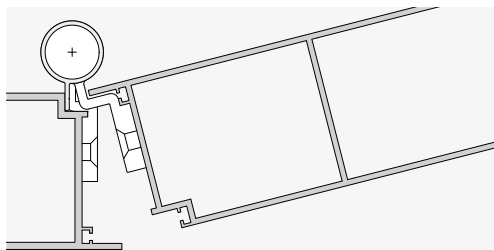
## BO

**Protective profiles for doors with flush fit profile doors**

- Ø15 - 23mm hinge



### Application



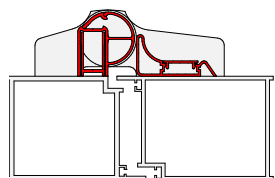
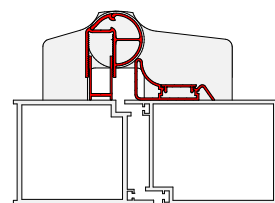
## BA-28

**Protective system BA-28 for surface-mounted hinges on metal doors**

- Variable adjustment options
- Standard colour: silver anodised C-0; individual colours available
- Concealed screw fixing

#### Technical data:

Suitable for pivotal points from 20-36 mm.  
Length supplied: 1,900 mm, can be shortened



## BA-22

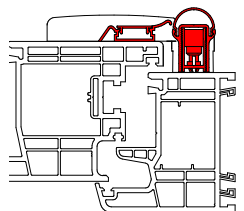
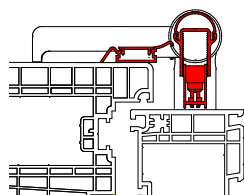
**Protective system BA-22 for surface-mounted hinges on plastic doors**

- Variable adjustment options
- Standard colour: white RAL 9016; individual colours available
- Concealed screw fixing

#### Technical data:

Suitable for overlap dimensions of 13-28 mm and hinge diameters from 21-26 mm.

Length supplied: 1,900 mm, can be shortened

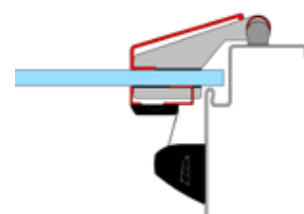
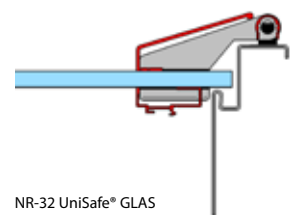
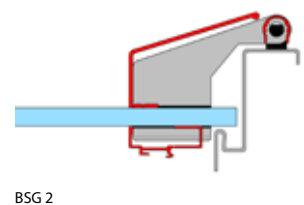
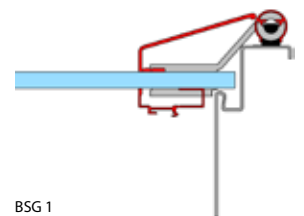




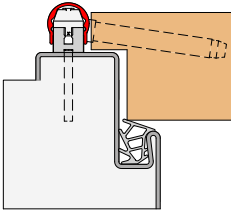
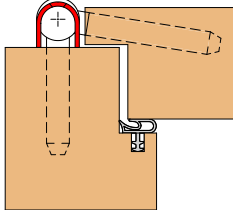
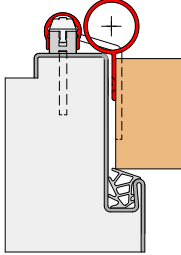
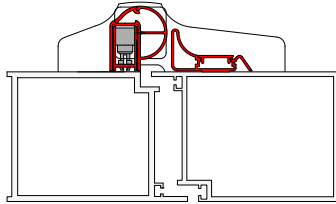
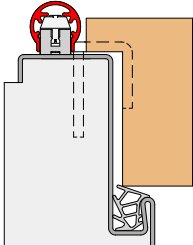
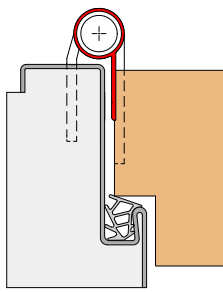
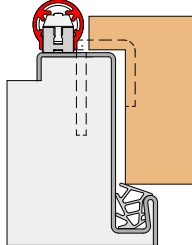
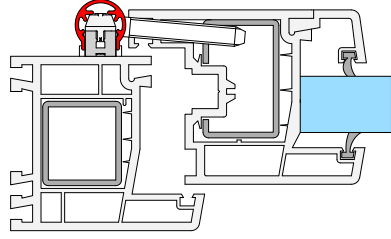
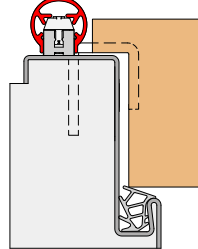
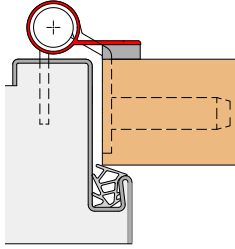
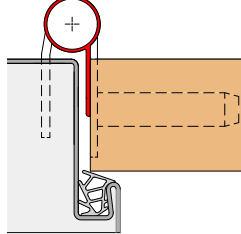
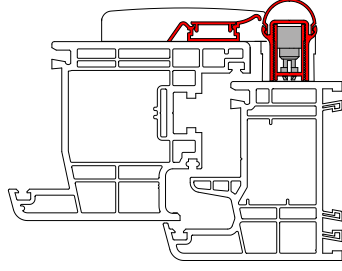
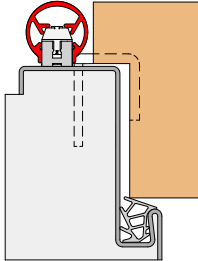
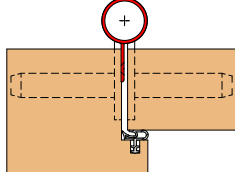
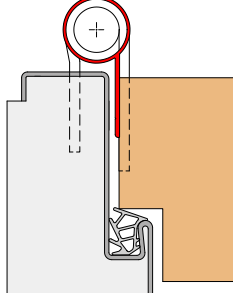
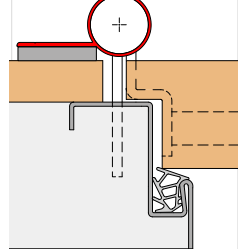
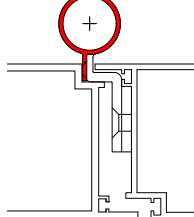
## NR-32 UniSafe® GLAS & Protective Profile BSG1 / BSG2

### System solution for glass doors

- Architectural continuous solution
  - Complete covering of hinges and counter plates
  - Hinge side cover and spacers flush with each other
- Suitable for timber or metal door frames, and glass side elements
- Quick and easy installation
  - No need for markings or other installation aids
  - Closing face spacer rail and opening face protective profile are pre-fitted with special adhesive tape
- BSG1 / BSG2 - Protective profile for hinge side
  - Profile with groove permits notching as required for all conventional all-glass door hinges
- NR-32 UniSafe® GLAS protection for closing face
  - Spacer rail with NR-32 UniSafe®
  - Groove for notching the profile as necessary for hinge counter plates
- Delivery package:
  - Finish in anodised silver C-0 or C-31, further colours on request.
  - Delivery length: 1,950 mm or made to measure
- Special solutions on request





|                    | BU-16K <sup>+</sup>                                                                                         | BU-16                                                                                                       | BU-16K <sup>+</sup> BO-23                                                                                  | BA-28                                                                                                    |                                                                                                                    |
|--------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Hinge Ø 15 - 16 mm | <br>e.g. V 0020            | <br>e.g. V 3420            | <br>e.g. V 0087           | Surface-mounted hinge                                                                                    |                                 |
|                    | BU-18K <sup>+</sup>                                                                                         | BD <sup>+</sup> -18                                                                                         | BU-18K <sup>+</sup>                                                                                        |                                                                                                          | BU-18K <sup>+</sup>                                                                                                |
| Hinge Ø 18 mm      | <br>e.g. VX 7939/160 18-3 | <br>e.g. VX 7729/160 18-3 | <br>Narrow frame surface |                      |                                                                                                                    |
|                    | BU-20K <sup>+</sup>                                                                                         | BD <sup>+</sup> -20                                                                                         | BD <sup>+</sup> -20                                                                                        | BA-22                                                                                                    |                                                                                                                    |
| Hinge Ø 20 mm      | <br>e.g. VX 7939/100     | <br>e.g. VN 8849/100     | <br>e.g. VX 7729/100    | Surface-mounted hinge                                                                                    | <br>Hinge diameter 21 - 26 mm |
|                    | BU-22K <sup>+</sup>                                                                                         | BO-23                                                                                                       | BD <sup>+</sup> -23                                                                                        |                                                                                                          | BD <sup>+</sup> -23                                                                                                |
| Hinge Ø 22 - 24 mm | <br>e.g. VX 7939/160     | <br>e.g. VN 2929/160     | <br>e.g. VX 7728/160    | <br>e.g. VX 7859/160 | <br>Hinge diameter 22 mm      |

**Please note:**

→ Our illustrations show standardised installation situations. Please check your particular installation situation on site.



### Application

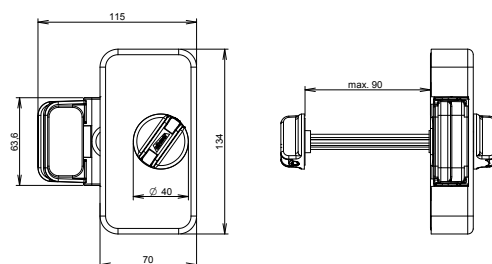
## The new HS-25 for main closing edges

### Door stop with active finger protection

- Prevention of trapping and shearing points
- Prevents accidental closing of doors
- Permanent protective function through automatic activation when door is opened
- Manual unlocking possible for both sides of the door
- Knob optionally replaceable with any knob that matches the door element
- Ideal for use in crèches and child daycare centres:
  - U3 zone
  - Heavy doors
  - high frequented doors
  - Doors with door closer (e.g. in toilets)

### Technical data:

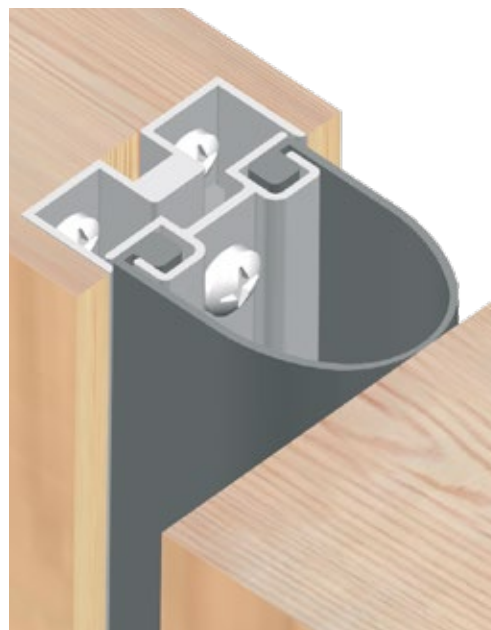
- For timber hinged doors
- Suitable for rebated or non-rebated doors
- For DIN right/left doors
- Screw-fixed to the closing face of the door panel
- Variable installation height - Recommend minimum height of 1.70 m
- Maximum door leaf thickness 90 mm
- Flexible choice of colours



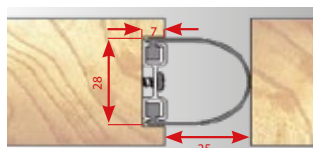


## SwingGUARD

- A for safeguarding and sealing double-swing doors, revolving doors and sliding doors with a track stop or soft-close system
- Concealed fixing
- Quick and easy installation
- Inset or surface-mounted, as required
- Sealing profile made of wear-resistant silicone



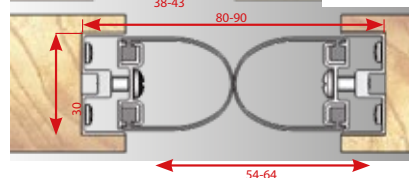
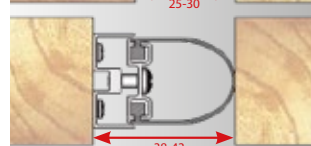
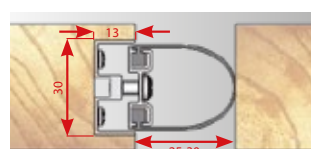
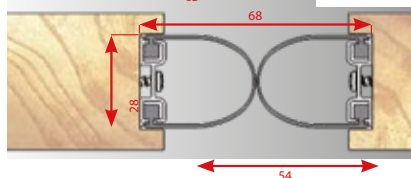
Inset



Surface-mounted

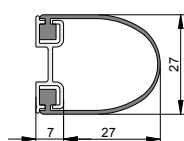


Double-wing, Inset

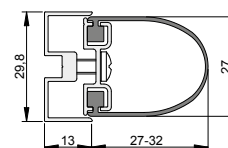


### Cross sections

SwingGUARD A



SwingGUARD S



### Technical data

Tolerancecompensation

-

Max. delivery length

on request

Standard length

2,120 mm

Min. length

None

Fixed lengths

Available

Can be shortened by



Sealing profile

Silicone, RAL 7043

Profile material

Aluminium

vertically up to 5 mm

on request

2,120 mm

None

Available



Silicone, RAL 7043

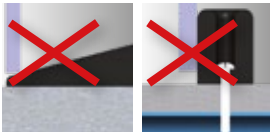
Aluminium

7. Door opening restrictor for timber and glass doors



The new Porti® family

For timber and glass doors



- Prevents hazards and damage caused by doors swinging back
- Adaptive damping protects the door leaf and frame
- Uniquely space-saving, design-oriented
- Easy to install
- For retrofitting to metal door frames
- Tripping hazards and unevenness are prevented
- Ideal for areas with stringent hygienic requirements, and where appearance matters
- Ideal for use in hotels, offices and doctors' surgeries
- Excellent for floors with underfloor heating

No drilling necessary in the floor for door stops

Frame  
Weight of door leaf up to  
For retrofitting  
Article number

| Porti® for timber doors                      |        |             |                                              |        |             | Porti® for glass doors       |             |
|----------------------------------------------|--------|-------------|----------------------------------------------|--------|-------------|------------------------------|-------------|
| Door leaf width 720 - 1,110 mm               |        |             | Door leaf width 610 - 719 mm                 |        |             | Door leaf width 709 - 959 mm |             |
| Metal / timber*                              | Timber | Metal frame | Metal / timber*                              | Timber | Metal frame | Timber                       | Metal frame |
| 30 kg                                        | 65 kg  | 65 kg       | 30 kg                                        | 65 kg  | 65 kg       | 50 kg                        | 50 kg       |
| x                                            |        | x           | x                                            |        | x           |                              | x           |
| 5312                                         | 5489   | 5371        | 5313                                         | 5465   | 5379        | 5487                         | 5318        |
| * Suitable for solid timber door frames only |        |             | * Suitable for solid timber door frames only |        |             |                              |             |



## PORTI® for timber doors

- Maximum door leaf weight up to 65 kg
- Particularly thin lever of only 2 mm
- Restrictor plate 15.8 x 12 mm
- Upper door frame gap 4 - 10 mm
- Endurance tested  
on the basis of DIN EN 13126-5  
Meets class 4
- Door opening angle max. 120°
- The choice of hinge should take  
account of the load exerted by the door  
opening restrictor

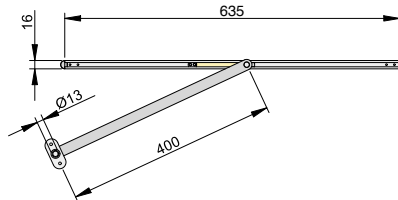


### Application

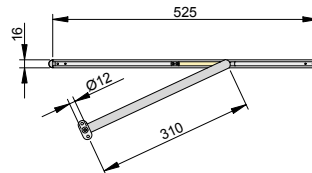
#### Up to 30 kg door leaf weight

- Retrofittable to solid timber and metal door frames
- For door leaf widths of:

720 mm - 1,110 mm, art. no. 5312



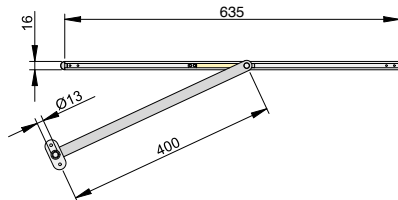
610 mm - 719 mm, art. no. 5313



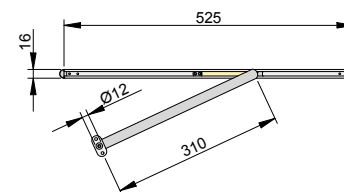
#### Up to 65 kg door leaf weight

- Retrofittable to metal door frames
- For door leaf widths of:

720 mm - 1,110 mm, art. no. 5371

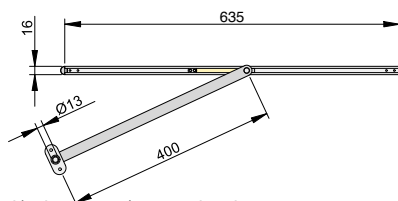


610 mm - 719 mm, art. no. 5379

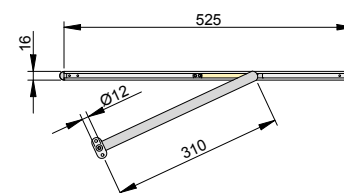


- Set-up possible on timber frames with a fixing element in the door frame (see next page)
- For door leaf widths of:

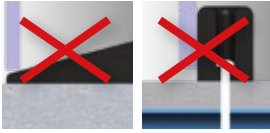
720 mm - 1,110 mm, art. no. 5489



610 mm - 719 mm, art. no. 5465



## 7. Door opening restrictor for glass doors



### Technical data

## PORTI® for glass doors

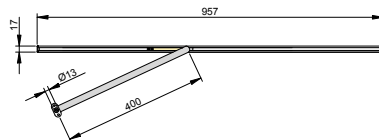
- Maximum door leaf weight up to 50 kg
- Silver-coloured, anodised
- Slide plate bonded to glass door leaf
- Upper door frame gap 4 - 10 mm
- Particularly thin lever of only 2 mm
- Restrictor plate 16.8 x 12.2 mm
- Endurance tested on the basis of DIN EN 13126-5 Meets class 4
- Door opening angle max. 120°
- The use of sandblasted glass doors is not recommended
- Suitable for doors made of 8 / 10 / 12 mm ESG and also for LSG made from ESG
- 10 mm ESG recommended with Office hinges and adjustable hinge retainer



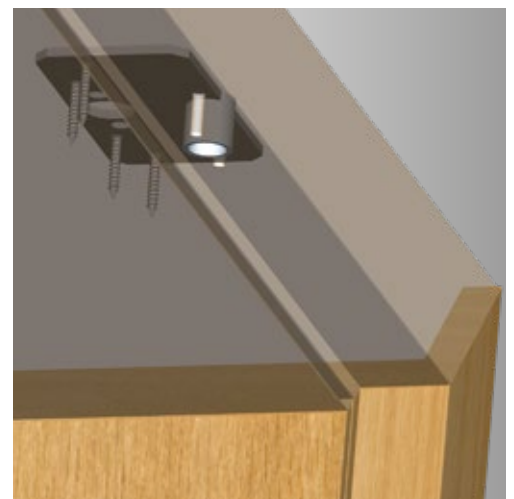
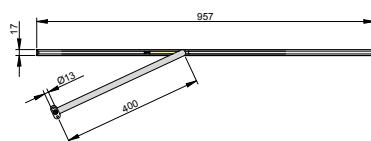
### Application

#### Up to 50 kg door leaf weight

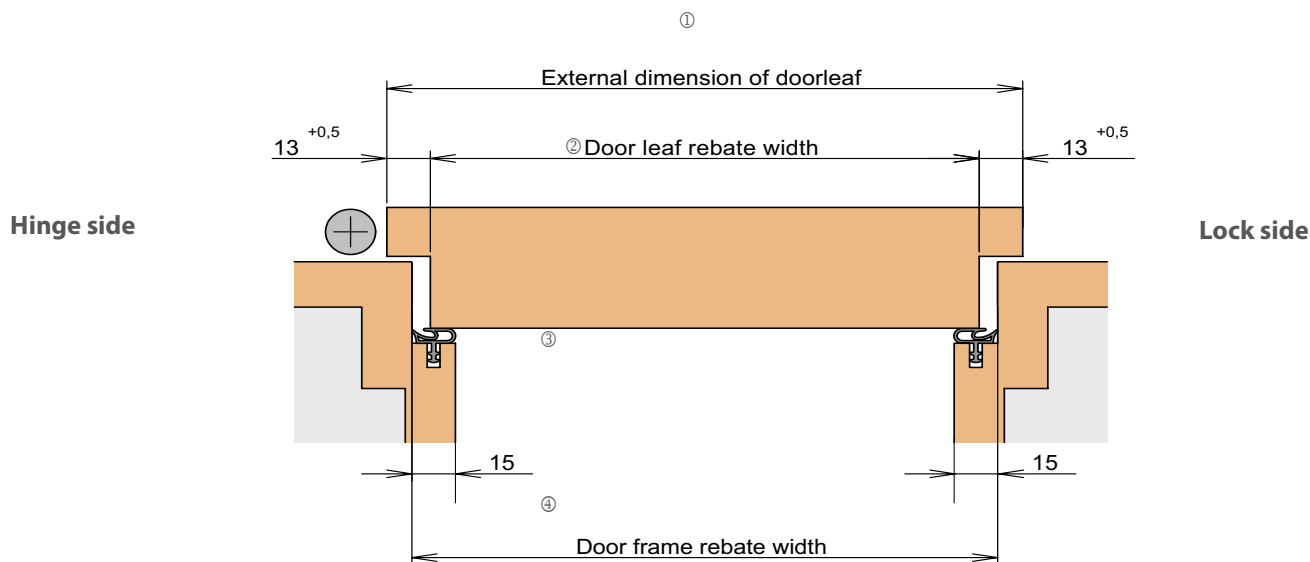
- Retrofittable to metal door frames
- For door leaf widths of:  
709 mm - 959 mm, art. no. 5318



- Set-up possible on timber frames with **fixing element**
- For door leaf widths of:  
709 mm - 959 mm, art. no. 5487



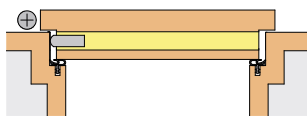
## Seal lengths for doors as per DIN 18101



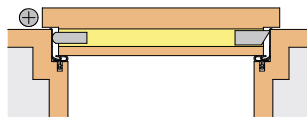
| ① External dimension of door leaf (standard dimension)                     | 610                                                                                                                                                            | 735 | 860 | 985   | 1,110 | 1,235 | 1,360 | Permissible deviation |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------|-------|-------|-------|-----------------------|
| (BRM, DIN 18111)                                                           | 625                                                                                                                                                            | 750 | 875 | 1,000 | 1,125 | 1,250 | 1,375 | -                     |
| ② Door leaf rebate dimension                                               | 584                                                                                                                                                            | 709 | 834 | 959   | 1,084 | 1,209 | 1,334 | +1/-1                 |
| Door seal lengths available for automatic door seals and tilt seals        | 583                                                                                                                                                            | 708 | 833 | 958   | 1,083 | 1,208 | 1,333 | +0/-1                 |
| ③ Door frame rebate width                                                  | 591                                                                                                                                                            | 716 | 841 | 966   | 1,091 | 1,216 | 1,341 | +1/-1                 |
| Threshold length                                                           | 590                                                                                                                                                            | 715 | 840 | 965   | 1,090 | 1,215 | 1,340 | +0/-1                 |
| ④ Door clearance width                                                     | 561                                                                                                                                                            | 686 | 811 | 936   | 1,061 | 1,186 | 1,311 | +1/-1                 |
| Door seal lengths available for Wind-Ex, Wind-Ex A, Wind-Ex RTK / US       | -                                                                                                                                                              | 735 | 860 | 985   | 1,110 | -     | -     | -                     |
| Door seal lengths available for Schall-Ex® Applic A + T Schall-Ex® L-15 FS |                                                                                                                                                                |     | 805 | 930   | 1,055 |       |       |                       |
| Note                                                                       | Fixed lengths can be shortened to the next-smallest available delivery length. Schall-Ex® Jumbo can be shortened by not more than 60 mm. All dimensions in mm. |     |     |       |       |       |       |                       |



## Possible fixing variations



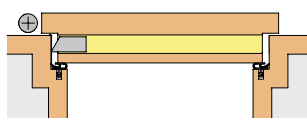
- Installation: In the groove
- Actuator: Hinge side



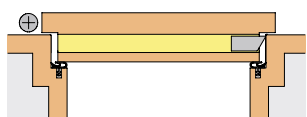
- Installation: In the groove
- Actuator: Hinge side and lock side



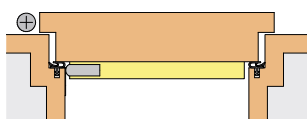
- Installation: In the groove
- Actuator: Hinge side and lock side



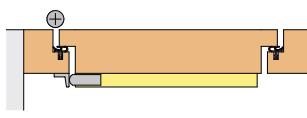
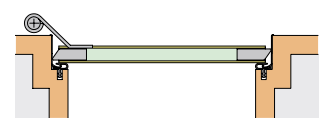
- Installation: In the groove
- Actuator: Hinge side



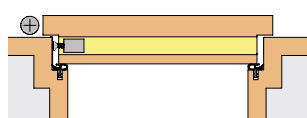
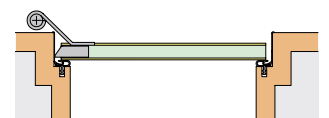
- Installation: In the groove
- Actuator: Lock side



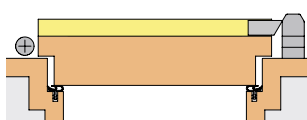
- Installation: screw-fixed to the closing face
- Actuator: Hinge side



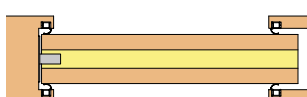
- Installation: screw-fixed to the closing face
- Actuator: Hinge side with angle pressure bracket



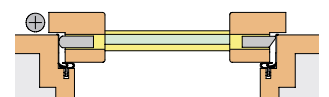
- Installation: in the groove
- Actuator: Hinge side



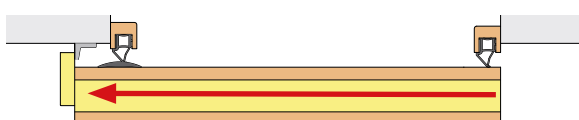
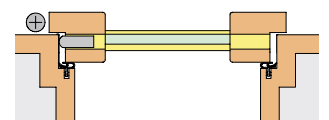
- Installation: screw-fixed to the opening face
- Actuator: Lock side with pressure block



- Installation: In the groove
- Actuator: Lock side



- Installation: screw-fixed to the closing face
- Actuator: Lock side



- Installation: in the groove
- Actuator: Cable actuator

## Symbols

Actuator: Hinge side

Actuator: Lock side

Actuator: Lock side

Installation: on the opening face

Actuator: Hinge side and lock side

Installation: on the opening face

Actuator: Hinge side

Installation: under the door leaf

Actuator: Hinge side and lock side

Installation: under the door leaf

Actuator: Hinge side

Installation: on the opening face

Actuator: Lock side

Installation: under the door leaf

Actuator: Lock side

Installation: in the groove / under the door leaf

Actuator: Hinge side and lock side

Installation: in the groove / under the door leaf

Actuator: Hinge side



Barrier-free access

"Ü" sign of compliance

Acoustic protection

Smoke protection

Fire protection

Low actuation forces

Tool-free installation

Downpour-proof/w-proof

Damp rooms

Tight seal

Secondary closing edge / opening face

Secondary closing edge / closing face

Main closing edge / closing face

