athmer

# Professional catalogue

## Spring 2018

Athmer - Securely sealed.

# ATHMER

# The latest technology at the highest level

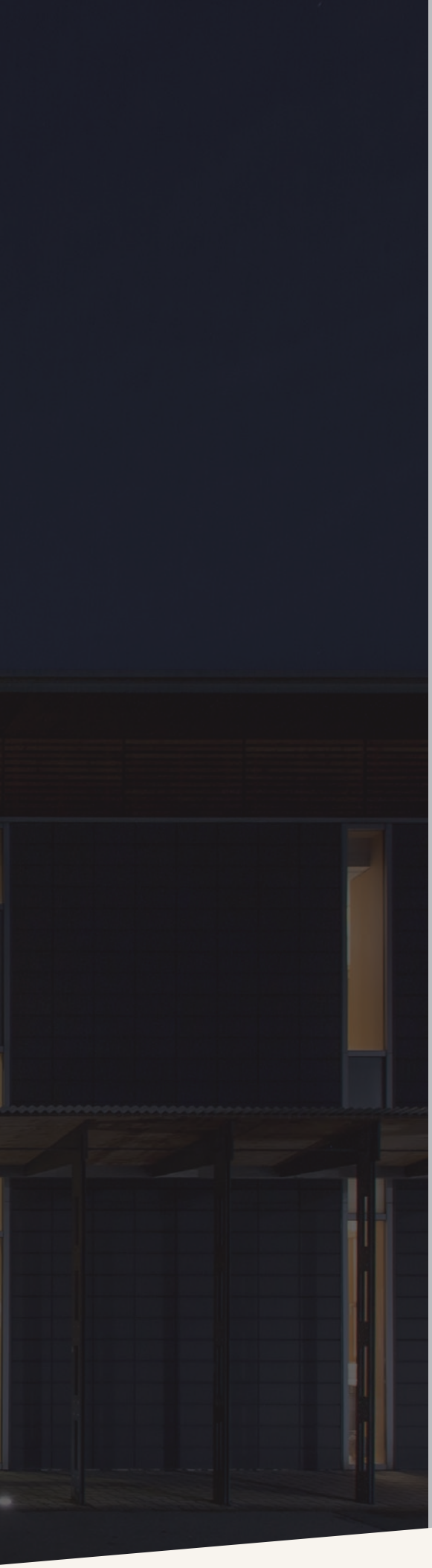
**Athmer** has been involved in the production of automatic door seals for more than 60 years. The company's successful combination of experience, expertise and quality enables the continuous development and improvement of its product range. Offering the widest range on the market, Athmer has the right 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 for radiation protection doors and for doors with extremely large gaps of up to 50 mm at the bottom, for example. 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 $CO_2$ 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 comfortable 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 protection doors.

**www.athmer.de**
**www.athmer-fingerschutz.de**



# We focus on sustainability

## Calculate the ecological return for your building with the $CO_2$ climate calculator from Athmer.

- Enter the parameters for your building and room; for example, 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

MPA NRW. geprüft

**+++1.000.000 test cycles - measurable quality +++**

**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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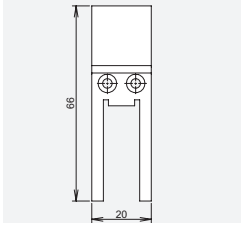
# Doppeldicht® M-12/35

**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

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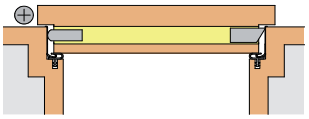

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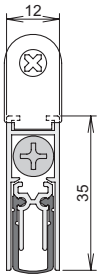


| | | |
|---|---|---|
| Groove width | 12 mm | |
| Actuation | Double actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing | |
| Maximum travel | 11 mm | |
| Minimum length | 650 mm, n.r. | 235 mm, n.r. |
| Standard lengths | 708, 833, 958, 1,083, 1,208 mm | |
| Maximum 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 |



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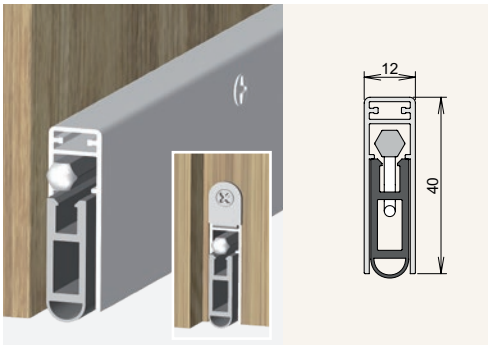
## Kältefeind® Allround

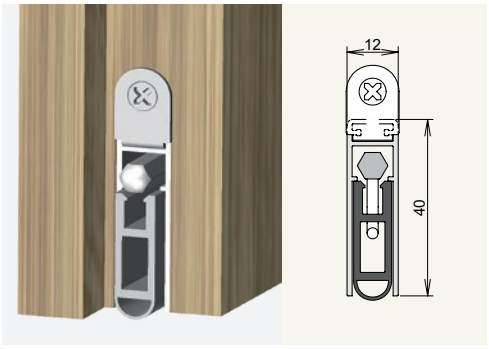
- The classic seal on the market
- Proven over more than 50 years
- Surface: silver-coloured, anodised
- With **3** possible fixing configurations
- Individually-packed




## Kältefeind® WS

- Cost-effective version,

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

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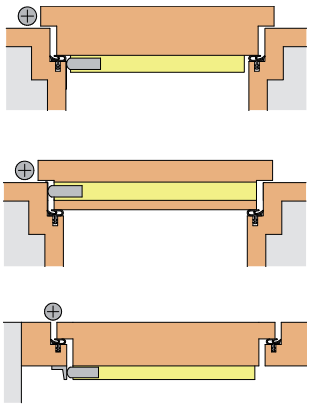


### Technical data

| | Kältefeind® Allround | Kältefeind® WS |
|---|---|---|
| Groove width | 12 mm | 12 mm |
| Actuation | Single actuation | Single actuation |
| Sealing profile material | PVC | PVC |
| Maximum travel | max. 18 mm | max. 18 mm |
| Minimum length | 310 mm (cannot be shortened) | 310 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 | Art. no. 1-689 | Art. no. 1-682 |
| Accessories (included in delivery) | Art. no. 5128 | Art. no. 5102 |

# Schall-Ex® Inut

**In direct contact with the door groove**

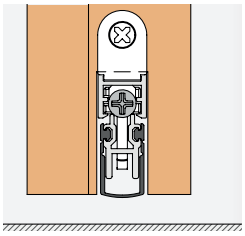
- Lateral seal inside the groove
- Compensates for tolerances in the groove
- Hinge-side actuator for fine adjustment
- Also for double-wing doors

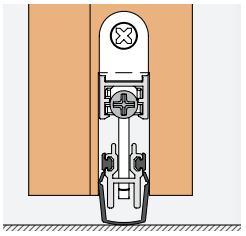
**For use with acoustic doors**

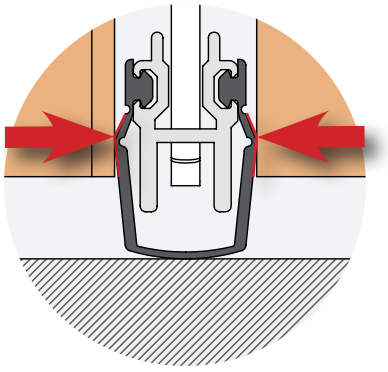
- High sound insulation capacity of 49 dB at a sealing height of 7 mm

**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



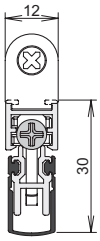




## Fixing

## Technical data

| | |
|---|---|
| Groove width | 12 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Maximum travel | 11 mm |
| Minimum 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 |



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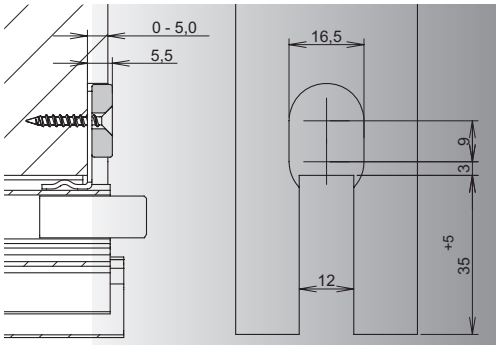
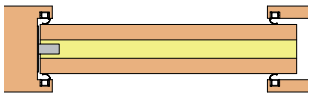
# Schall-Ex®
# Slide & Lock M-12 WS

- 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

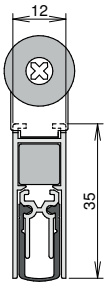



## Fixing



## Technical data

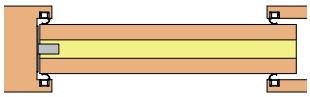
| | |
|---|---|
| Groove width | 12 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 11 mm |
| Minimum length | 280 mm (cannot be shortened) |
| Standard lengths | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length | 1,958 mm |
| Can be shortened 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

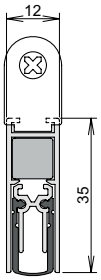
- Slimmest acoustic door seal with only 12 mm groove width
- High sound reduction values through patented internal sealing system

## Fixing



## Technical data

| | |
|---|---|
| Groove width | 12 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 11 mm |
| Minimum 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 (included in delivery) | Art. no. 5113 including zinc die-cast press plate |



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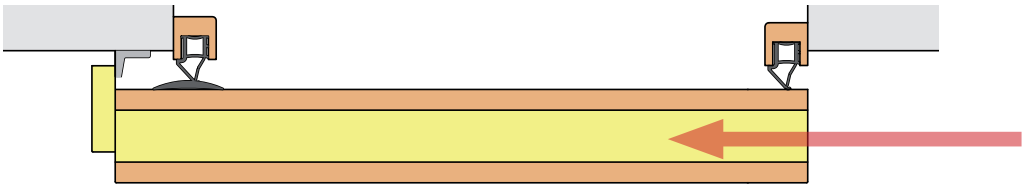
# Schall-Ex®
# SLIDE M-12 WS ZA

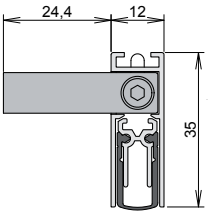
- For installation in sliding doors, with concealed actuation mechanism on the adjacent closing edge
- Free passage through opened sliding door
- Optimal continuous adjustment using the adjusting screw
- For sliding doors with locks
- DIN R / L specification necessary

## Function



## Technical data

| | |
|---|---|
| Groove width | 12 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 11 mm |
| Minimum 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 |



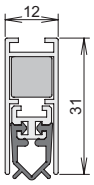
# Unidicht WS

- 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 actuation | Single actuation |
| Sealing profile material | PVC | |
| Maximum travel | 11 mm | |
| Minimum length | 650 mm | 235 mm, n.r. |
| 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 |



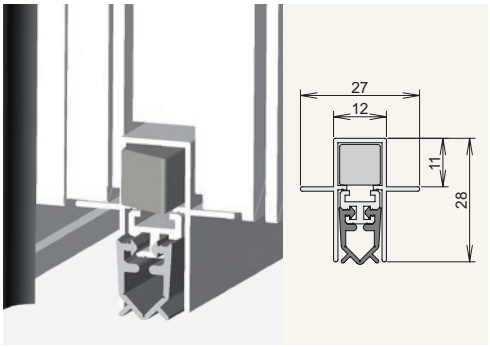

| | |
|---|---|
| Accessories (included in delivery) | Art. no. 5320<br>including stainless steel press plate |



The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

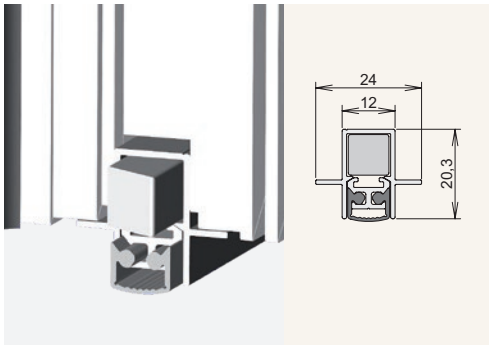
## Unidicht ES

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

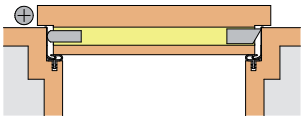



## Unidicht S-12

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




### Fixing



### Technical data

| | Unidicht ES | | Unidicht S-12 | |
|---|---|---|---|---|
| Groove width | 12 mm | | 12 mm | |
| Actuation | Double actuation | Single actuation | Double actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | 11 mm | | 6 mm | |
| Minimum length | 650 mm | 235 mm, n.r. | 650 mm | 235 mm, n.r. |
| Standard lengths | 708, 833, 958, 1,083, 1,208 mm | | 708, 833, 958, 1,083, 1,208 mm | |
| Maximum length | 1,335 mm | | 1,335 mm | |
| Can be shortened by | 125 mm | | 125 mm | |
| Article number | 1-302 | 1-303 | 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 | Art. no. 5420 including press plates made of stainless steel | Art. no. 5503 including press plates made of stainless steel |

**Product family**

# Schall-Ex® L-15

- High sound insulation capacity of up to 52 dB
- As DUO version, with double actuation**(from page 23)**
- Increased stability of form in the door ebate 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 actua tor without a press plate

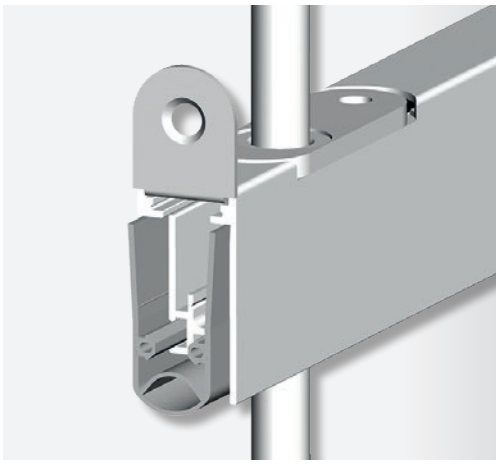
**Smoke and fire doors**

**Acoustic doors**

**Barrier-free**

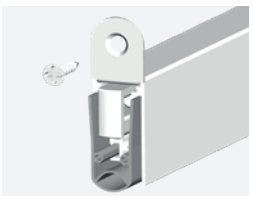
**“Ü” sign of compliance**

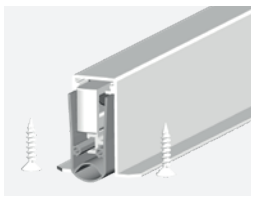
- Sealing profile made of self-extinguishing silicone for acoustic, smoke and fire protection
- Perfect seal in combination with Athmer thresholds **(page 89)**
- Meets requirements for barrier-free construction
- Automatic door seals carry the “Ü” sign of compliance

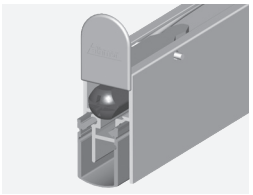


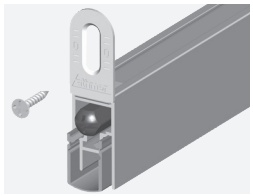
Certificate:
"DIN approved - Barrier-free”

**Possible fixing configurations**











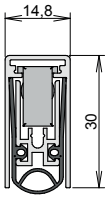
The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

# 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

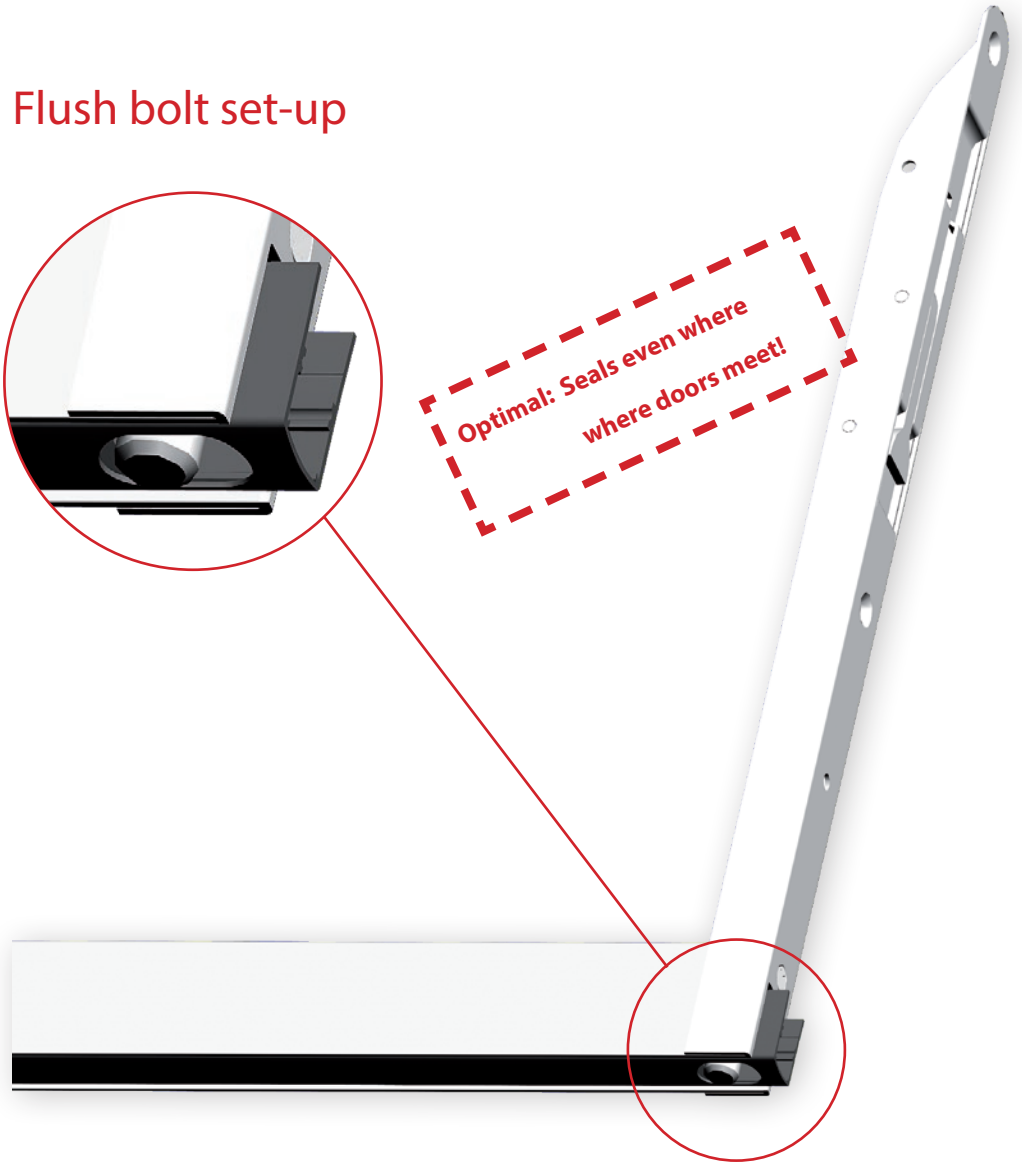
**Fixing**

| | |
|---|---|
| Groove width | 15 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 20 mm |
| Minimum 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 |



**Sealing without gaps even with double-wing doors**

# 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<br>Flush bolt version | Versions | Art. no. |
| **Dimensions:**<br>17 mm x 250 mm<br>**Bolt:**<br>Ø 8mm, travel: 15 mm | For the top:<br>TK-15/T | 1653 |
| | For the bottom:<br>TK-15/BXL | 1792 |
| Door seal prepared for<br>flush bolt TK-15/BXL | | Options |

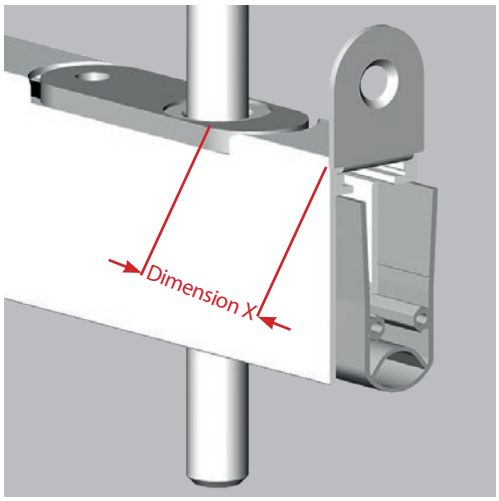


The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

**Sealing without gaps even with double-wing doors**

# Flush bolt set-up

- For Ø 8 mm flush bolt
- Secure guidance for flush bolt
- No extra milling required for the flush bolt assembly 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**

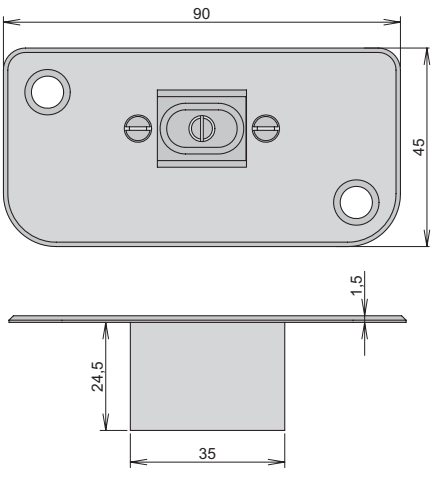
| Type | | Connection | Ø | Art. no. |
|---|---|---|---|---|
| Flush bolt TS-8/M6 | 1,187mm | M6 | 8mm | 1502-1187 |
| Flush bolt TS-8/M6 | 1,487mm | M6 | 8mm | 1502-1487 |
| Flush bolt TS-8/M10 | 1,217mm | M10 | 8mm | 1502-1217 |
| Flush bolt e TS-8/M10 | 1,517mm | M10 | 8mm | 1502-1517 |
| Bolt guide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

# Floor strike recess BS-8

- For Ø 8 mm flush bolt
- Best possible width and locking position for steel, wooden and tubular frame doors
- Continuously adjustable range ± 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) |

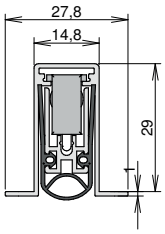


# Schall-Ex® L-15/30 OS

- 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



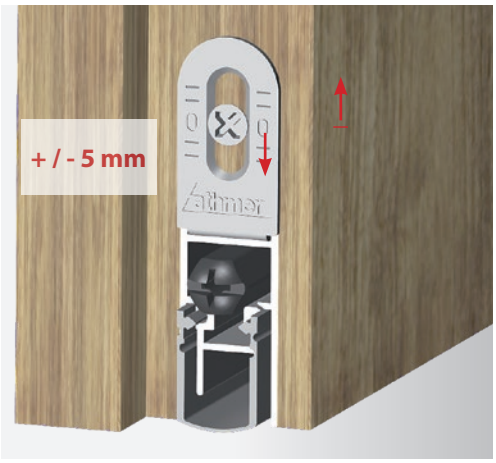

| | |
|---|---|
| Groove width | 15 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 20 mm |
| Minimum length (cannot be shortened) | 235 mm (cannot be shortened) |
| Standard lengths | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length | 2,000 mm |
| Can be shortened by | 125 mm from 833 mm |
| Article number | 1-881 |
| Accessories (included in delivery) | - |



The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

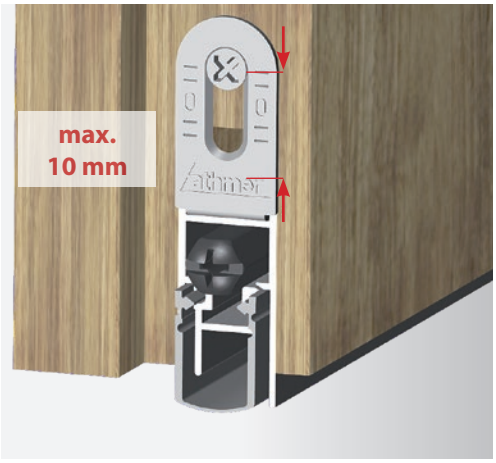
# Schall-Ex® L-15/30 VS

- Height-adjustable mounting bracket (adjustment range: 10 mm)
- Optimal sound reduction even with deeper groove




- Mounted protruding from the groove:

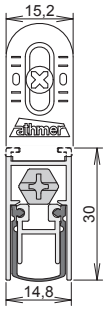
  - Short travel
  - Short actuation travel
  - Geometry more favourable = less dragging, wear etc.
  - Larger sealing heights can be bridged




## Fixing

## Technical data

| | |
|---|---|
| Groove width | 15 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 12 mm |
| Minimum 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 |



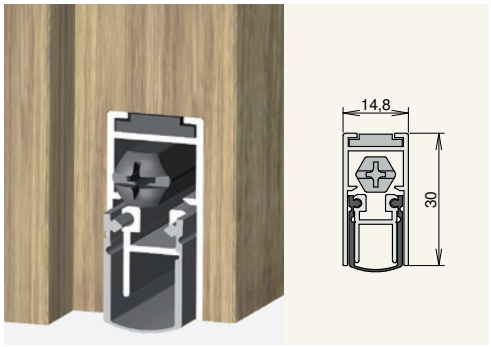
## Schall-Ex® L-15 QFS

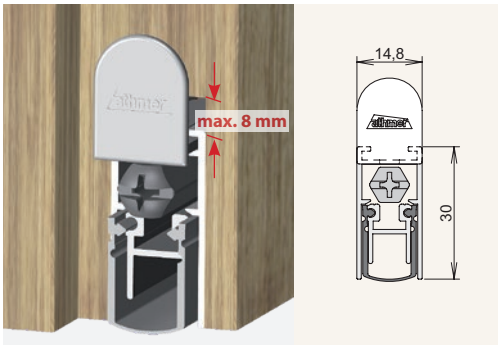
- Ideal quick fixing for automatic installation
- Fixing with **flat insert**

## Schall-Ex® L-15 QF

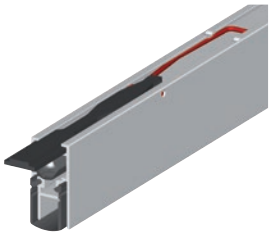
- Ideal quick fixing for automatic installation
- Fixing with **bracket insert**
- Groove coverage of up to 8 mm
- Optional shortening kit

**Quick fixing without tools**

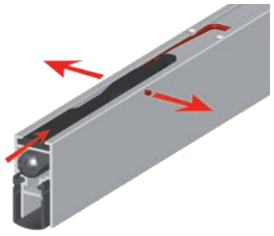


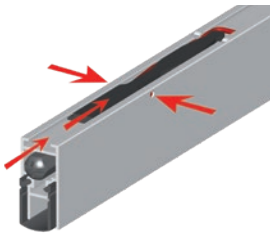

**Fixing QFS version**



- Slides in



- Locks in place



- Slides out

### Technical data

| | Schall-Ex® L-15 QFS | Schall-Ex® L-15 QF |
|---|---|---|
| Groove width | 15 mm | 15 mm |
| Actuation | Single actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing | Silicone, self-extinguishing |
| Travel | 12 mm | 12 mm |
| Minimum 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 (included in delivery) | Art. no. 5503 including stainless steel press plate | Art. no. 5123 including stainless steel press plate |



The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

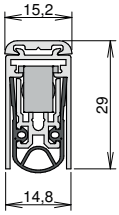
# Schall-Ex® L-15/29 TG

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

## Fixing

## Technical data

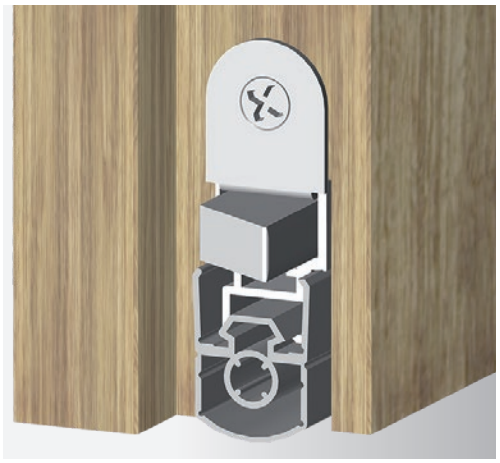
| | |
|---|---|
| Groove width | 15 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 17 mm |
| Minimum length | 235 mm (cannot be shortened) |
| Standard lengths | 708, 833, 958, 1,083, 1,208 mm |
| Maximum length | 1,600 mm |
| Can be shortened by | 125 mm from 708 mm |
| Article number | 1-898 |
| Accessories (included in delivery) | without |

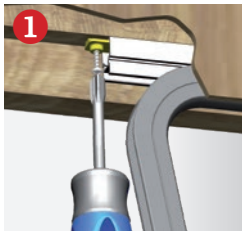


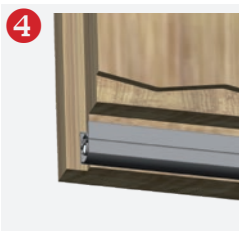
# Schall-Ex® VL-15/30

**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



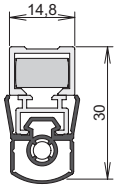





**Shortening without tools**

## Fixing

## Technical data




| | |
|---|---|
| Groove width | 15 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 11 mm |
| Minimum 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 |



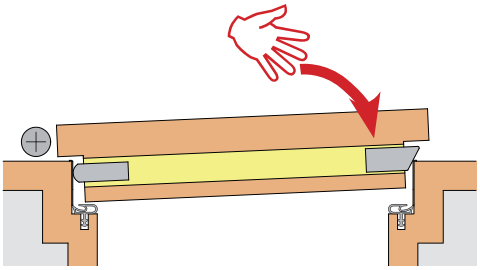
The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

# Schall-Ex® DUO L-15

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

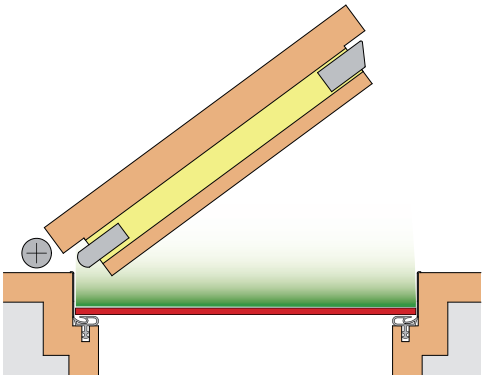
**Feather-light actuation on lock side**

- Minimal pressure required: barely perceptible



**No dragging**

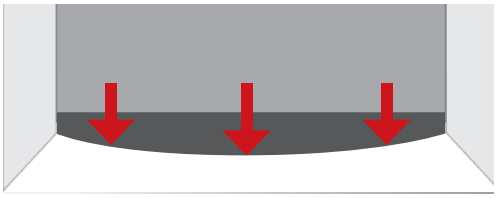
- Up to 83 % reduction in areas showing wear

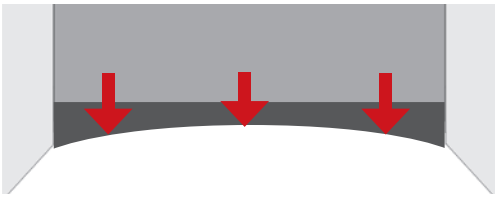


**Fixing**

**Optimal adjustment for uneven floors**

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

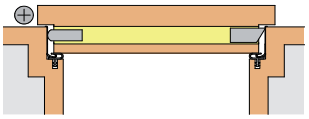




# Schall-Ex® DUO L-15 WS

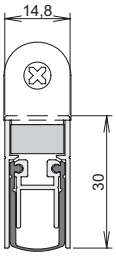
- Double actuation
- High sound reduction value > 50dB
  with a sealing height of 7 mm
- No visible worn areas
- Minimal pressure required for actuation

## Fixing



## Technical data

| | |
|---|---|
| Groove width | 15 mm |
| Actuation | Double actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 14 mm |
| Minimum 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 |

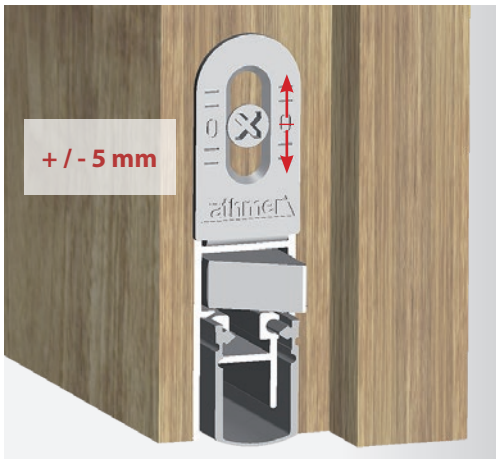





The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

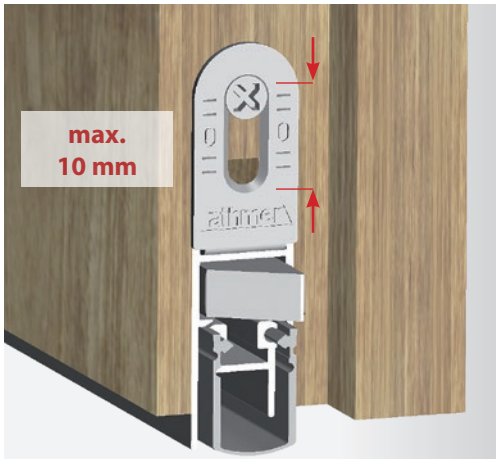
# Schall-Ex® DUO L-15 VS

- Height-adjustable mounting bracket (adjustment range: 10 mm)
- Optimal sound reduction even with deeper groove

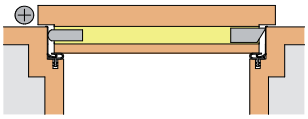



- Mounted protruding from the groove:

  - Short travel
  - Short actuation travel
  - Geometry more favourable = less dragging, wear etc.
  - Larger sealing heights can be bridged

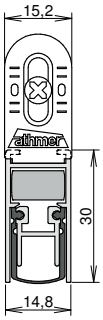



## Fixing



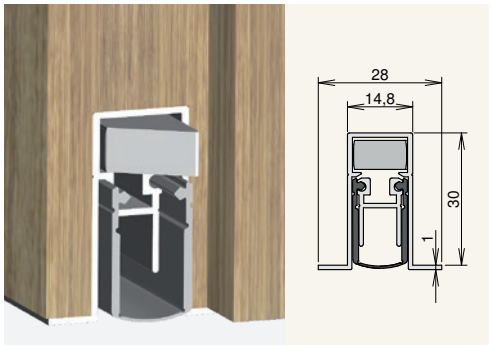
## Technical data

| | |
|---|---|
| Groove width | 15 mm |
| Actuation | Double actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 12 mm |
| Minimum 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 |



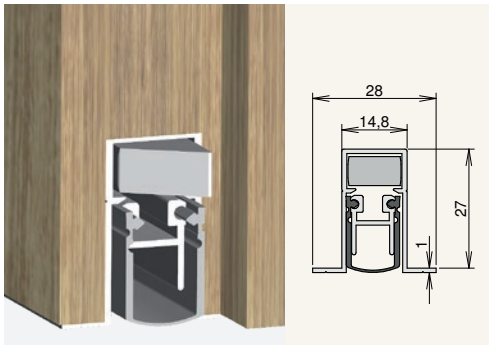
## Schall-Ex® DUO L-15/31 OS

- High sound insulation capacity of up to 52 dB
- Available in fixed and standard lengths

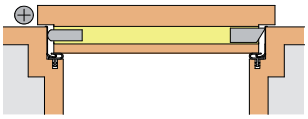


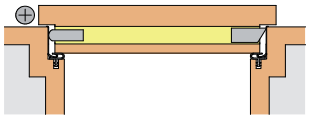

## Schall-Ex® DUO L-15/28 OS

- High sound insulation capacity of up to 52 dB
- Available in fixed and standard lengths




**Fixing**





**Technical data**

| | | |
|---|---|---|
| Groove width | 15 mm | 15 mm |
| Actuation | Double actuation | Double actuation |
| Sealing profile material | Silicone, self-extinguishing | Silicone, self-extinguishing |
| Travel | 14 mm | 12 mm |
| Minimum 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 (included in delivery) | Art. no. 5420 including stainless steel press plates | Art. no. 5420 including stainless steel press plates |



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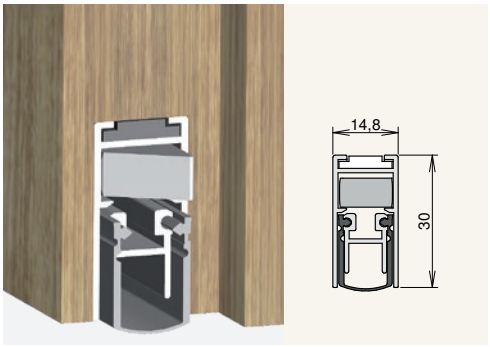
**Quick fixing without tools**

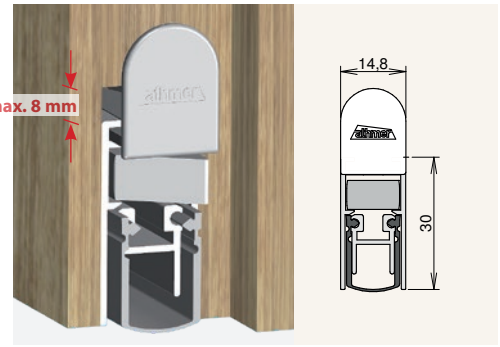
## Schall-Ex® DUO L-15 QFS

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

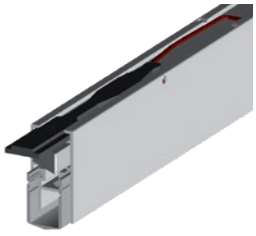



## Schall-Ex® DUO L-15 QF

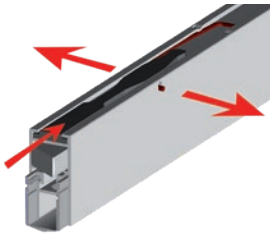
- Ideal quick fixing for automatic installation
- Fixing with **bracket insert**
- Groove coverage of up to 8 mm
- Optional shortening kit



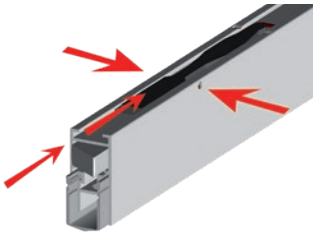

**Fixing QFS version**



- Slides in



- Locks in place



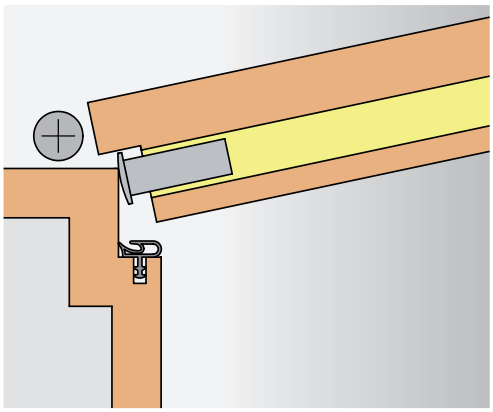
- Slides out

### Technical data

| | Schall-Ex® DUO L-15 QFS | Schall-Ex® DUO L-15 QF |
|---|---|---|
| Groove width | 15 mm | 15 mm |
| Actuation | Double actuation | Double actuation |
| Sealing profile material | Silicone, self-extinguishing | Silicone, self-extinguishing |
| Travel | 12 mm | 12 mm |
| Minimum 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<br>(Optional shortening kit 5430) |
| Article number | 1-694 | 1-544 |
| Accessories (included in delivery) | Art. no. 5420<br>including stainless steel press plates | Art. no. 5123<br>including stainless steel press plates |

## Sliding actuator

- Option for hinge-side actuator
- Reliable performance without press plate
- glides over the surfaces
- No damage caused to door frame caused by hinge-side actuator
- For painted, varnished, or colour coated door frames made of steel or wood
- Adjustable using a screwdriver open-end wrench or ring spanner

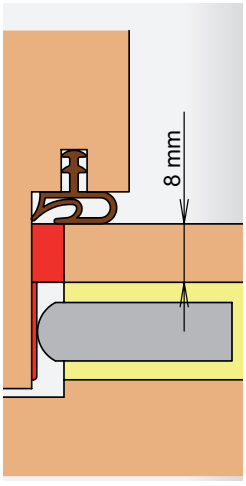


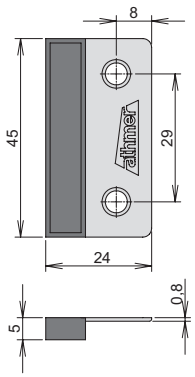
Test report available on request

## Corner seal B-24

The sealing profile is often cut to match the door leaf rebate dimension; it is almost impossible to cut the seal on the opening face to exactly the right length. B-24 closes the gaps between the frame and the door.

- Gain of 3 to 5 dB
- Less effort is required for installation, since no cutting of the hinge-side seal is required
- Stainless steel plate with rubber profile
- Also functions reliably for smoke and fire doors
- Can be also used at the lock side of the door for added benefit
- Suitable for DIN R / L doors.
- Art. No.: 5133




Art. no. 5133



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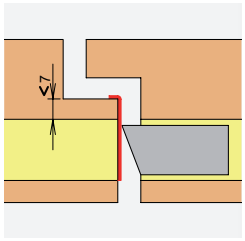
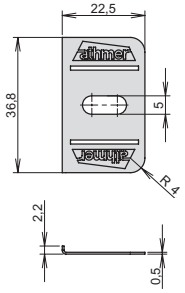
**Stainless steel**

# Press plate for the meeting stiles

- Use the advantage of double actuation for the active wing
- Schall-Ex® DUO L-15 WS
- Can be used on right or left



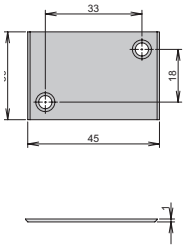




Art. no. 5514

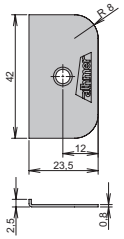
**Stainless steel**

# Further press plates

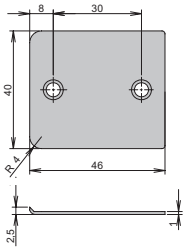
- To fit different rebate dimensions



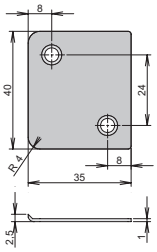

Art. no. 8117



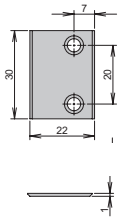

Art. no. 248



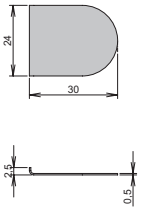

Art. no. 8107



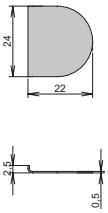

Art. no. 8111




Art. no. 8118

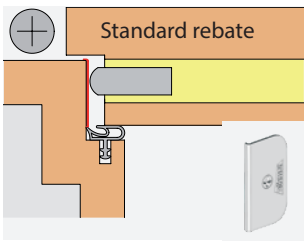


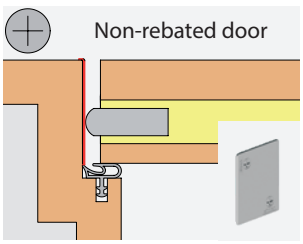

Art. no. 8106

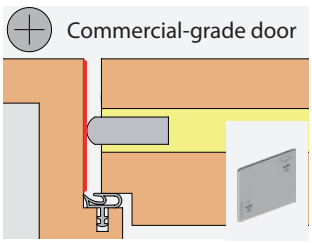



Art. no. 8104

**Application**



**Product family**

# Schall-Ex® Ultra

- For all applications:
  Acoustic, smoke and fire doors
- High sound absorption capacity: 49 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

**Smoke and fire doors**

- Sealing profile made of self-extinguishing
  silicone for acoustic, smoke and
  fire protection
- Superior seal in combination
  with Athmer thresholds

**Acoustic doors**

- Automatic door seals
  carry the "Ü" sign of compliance

**Front doors**

- 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 flexible seal with the floor
  even in icy conditions

**Damp rooms**

- 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

MPA NRW.
MATERIALPRÜFUNGSAMT NORDRHEIN-WESTFALEN
PRÜFZERTIFIKAT
Nr. 120003079.21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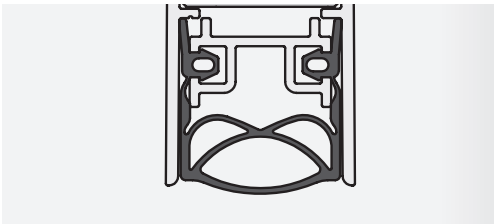
## Barrier-free

- Meets requirements for barrier-free construction

Certificate:
"DIN approved - Barrier-free"

## Multi-chamber seal

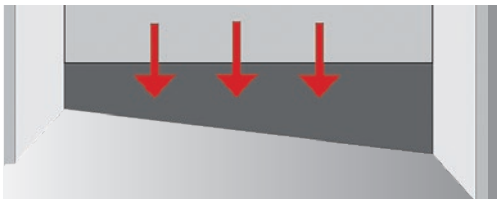
- The chambers in the seal help to provide thermal separation and break up sound waves
- Predetermined bending point for improved inner sealing
- Practically noiseless operation thanks to integrated cushioning in the silicone seal

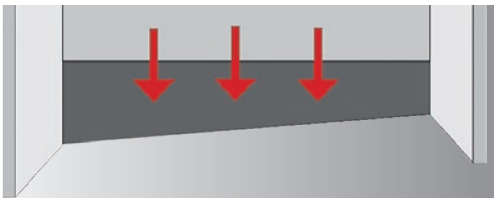


## floor level adjustment

- Floor level adjustment with concave and convex floors

## Automatic level compensation

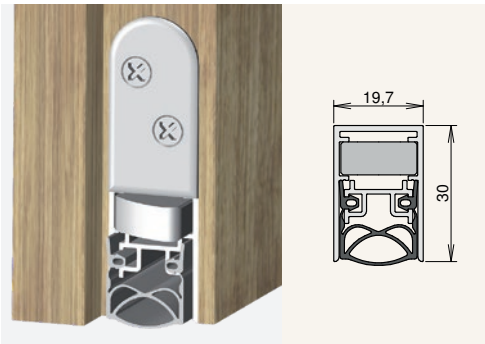




- With integrated overload protection as standard:
  Constant and even, therefore optimal floor contact pressure
- Saves time, since no fine adjustment necessary
- Improved operational reliability since the system self-adjusts if conditions change

## Schall-Ex® Ultra WS

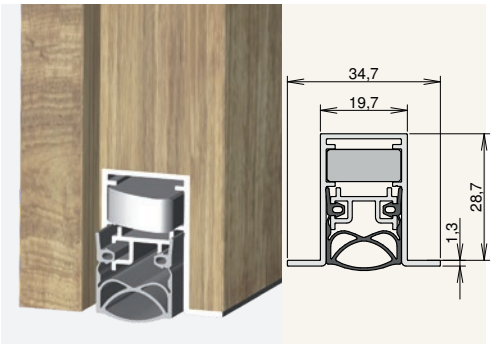
- Actuation on the opening face with automatic height and level adjustment
- Lock-side actuation, Minimal pressure required for actuation
- Self-adjusting with overload protection




- Tested in accordance with EN 1670

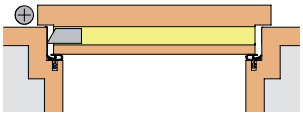
## Schall-Ex® Ultra OS

- Actuation on the opening face 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 actuation | Single actuation | Double actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | 12 mm | | 12 mm | |
| Minimum 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 (included in delivery) | Art. no. 5600 including stainless steel press plates | Art. no. 5610 including stainless steel press plate | Art. no. 5420 including stainless steel press plates | Art. no. 5503 including stainless steel press plate |



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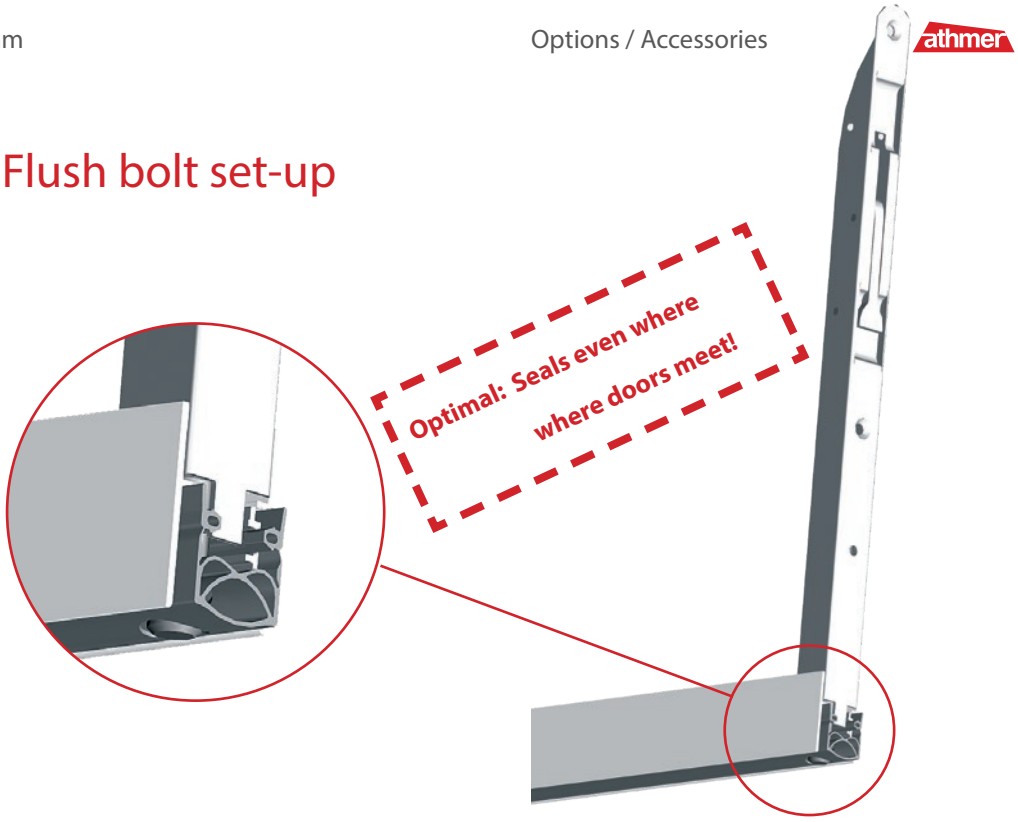
**Sealing without gaps even with double-wing doors**

# 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
Flush bolt version

**Dimensions:**
17 mm x 250 mm
**Bolt:**
Ø 8mm, travel: 15 mm

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

| Versions | Art. no. |
|---|---|
| For the top:<br>TK-15/T | 1653 |
| For the bottom:<br>TK-20/B-SU | 1652-2 |

Options

**Flush bolt set-up**

- For Ø 10 mm standard flush bolt

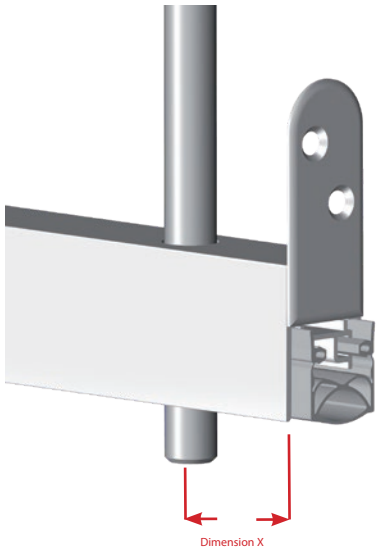
  **Optional:**

  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:

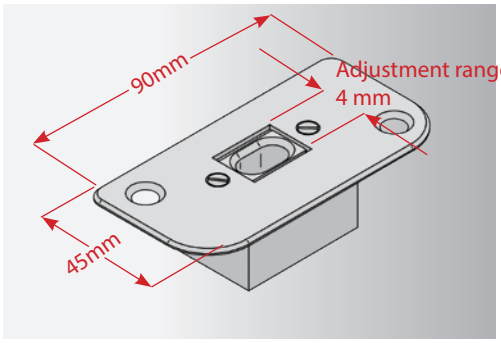
Minimum length if flush bolt hole incorporated =
distance from drilled hole (X) + 217 mm



**Stainless steel floor strike recess**

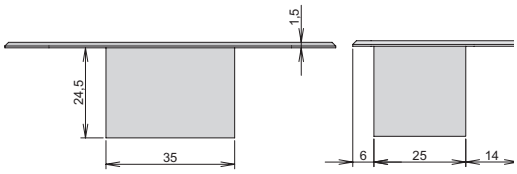
# BS-10

- Best possible width and locking position for steel, wooden and tubular frame doors
- Continuously adjustable range ± 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**

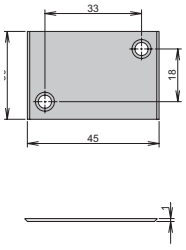
| | |
|---|---|
| Material | Stainless steel floor plate and aluminium recess |
| Installation | Fix to floor<br>using two countersunk screwsØ 4.5mm. |
| Recess required in floor | 30 x 40, > 26 depth |
| Article number | 129 |



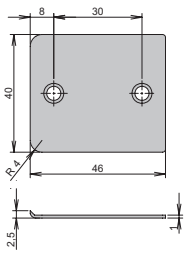

**Stainless steel**

# Further press plates

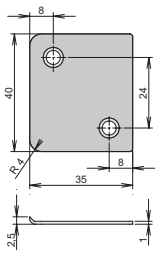
- To fit different rebate dimensions



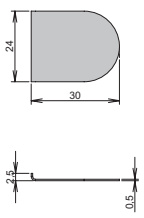

Art. no. 8117




Art. no. 8107

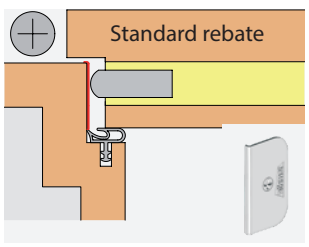


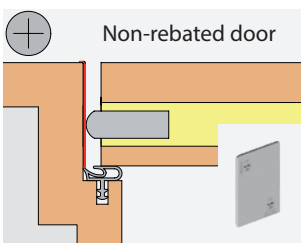

Art. no. 8111

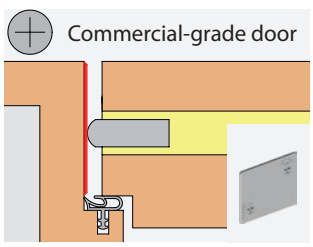



Art. no. 8106

**Application**



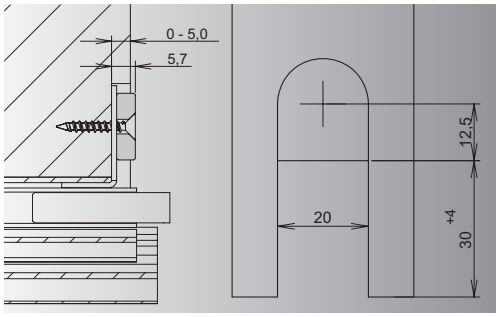






The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

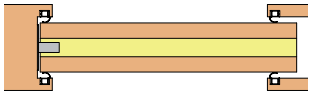
# Schall-Ex®
# Slide & Lock M-20 WS

- 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



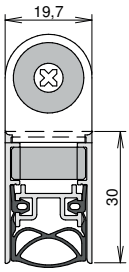

- Suitable for damp and wet room doors: tested in accordance with EN 1670

## Fixing



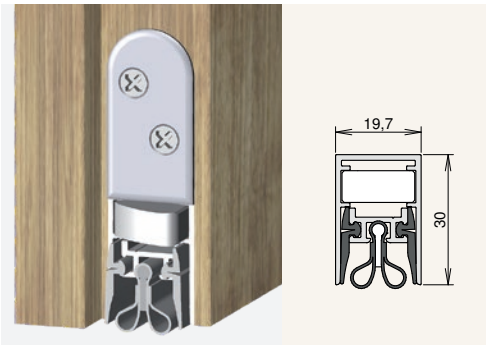
## Technical data

| | |
|---|---|
| Groove width | 20 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 12 mm |
| Minimum 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

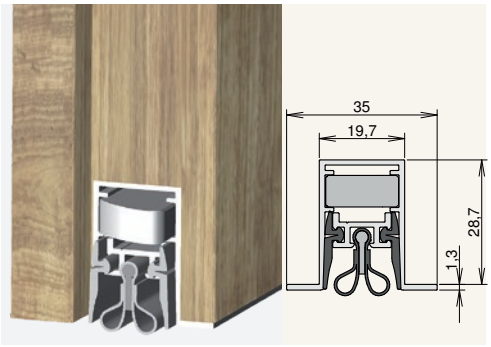
- For doors with radiation protection requirements
- Automatic height and level compensation
- Self-adjusting with overload protection




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

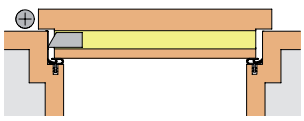
## Schall-Ex®
## Radiation protection OS

- 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

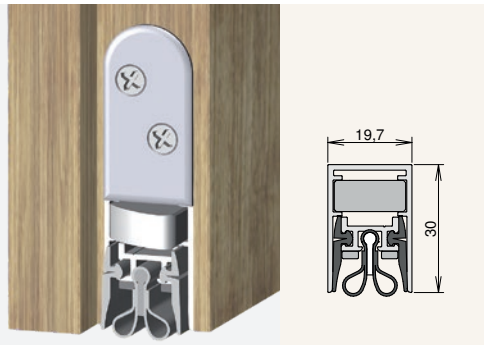
| | | | | |
|---|---|---|---|---|
| Groove width | 20 mm | | 20 mm | |
| Actuation | Double actuation | Single actuation | Double actuation | Single actuation |
| Sealing profile material | Silicone, lead rubber | | Silicone, lead rubber | |
| Travel | 12 mm | | 12 mm | |
| Minimum length | 708 mm | 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 (included in delivery) | Art. no. 5600 including stainless steel press plates | Art. no. 5610 including stainless steel press plate | Art. no. 5420 including press plates made of stainless steel | Art. no. 5503 including stainless steel press plates |



The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

## Schall-Ex®
## Radiation protection WS BD

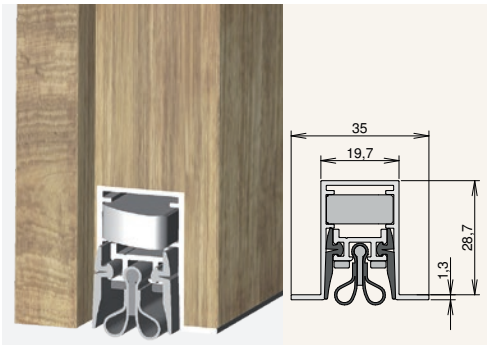
- For radiation protection doors with fire protection requirements
- Automatic height and level compensation
- Self-adjusting with overload protection




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

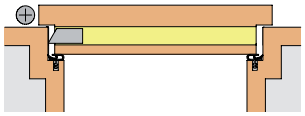
## Schall-Ex®
## Radiation protection OS BD

- 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

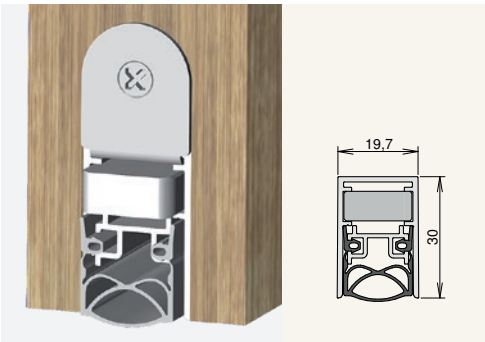


### Technical data

| | | | | |
|---|---|---|---|---|
| Groove width | 20 mm | | 20 mm | |
| Actuation | Double actuation | Single actuation | Double actuation | Single actuation |
| Sealing profile material | Silicone, lead rubber | | Silicone, lead rubber | |
| Travel | 12 mm | | 12 mm | |
| Minimum 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 | 1-522 | 1-521 | 1-520 | 1-519 |
| Accessories (included in delivery) | Art. no. 5600 including stainless steel press plates | Art. no. 5610 including stainless steel press plate | 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

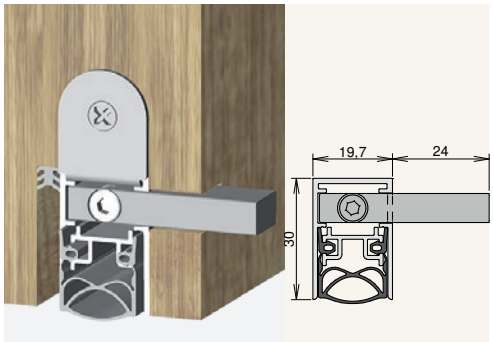
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection
- Sound absorption value > 50 dB with sealing height of 7 mm




- Tested in accordance with EN 1670

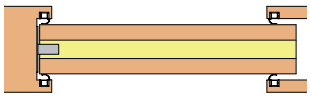
## Schall-Ex®
## Slide M-20 WS ZA

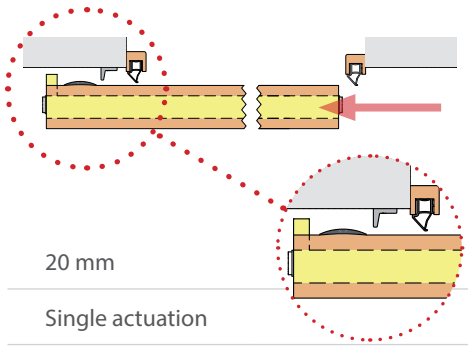
- For installation in sliding doors, with concealed actuation mechanism on the adjacent closing edge
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection




- Tested in accordance with EN 1670
- Tested in accordance with EN 1670!

### Fixing





### Technical data

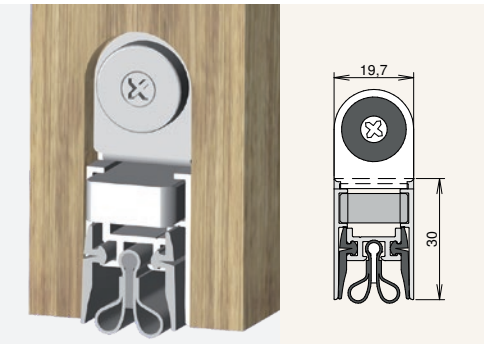
| | | | |
|---|---|---|---|
| Groove width | 20 mm | 20 mm | |
| Actuation | Single actuation | Single actuation | |
| Sealing profile material | Silicone, self-extinguishing | Silicone, self-extinguishing | |
| Travel | 12 mm | 12 mm | |
| Minimum length | 220 mm (cannot be shortened) | 650 mm | |
| 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 by | 125 mm from 708 mm | Cannot be shortened | |
| Article number | 1-556 | 1-846 (DIN-L) | 1-847 DIN/R |
| Accessories (included in delivery) | Art. no. 5114 including zinc die-cast press plate | Art. no. 5114 | |



The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

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

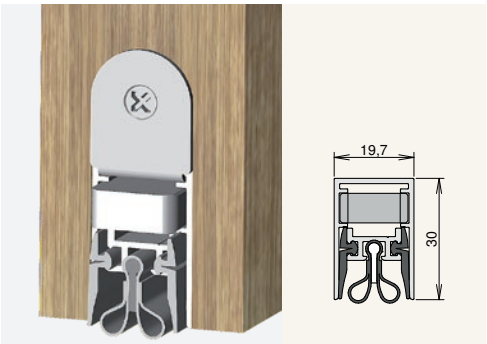
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection




- In accordance with DIN 6834

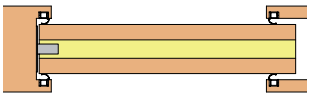
## Schall-Ex® Slide Radiation protection M-20 WS

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




- In accordance with DIN 6834

### Fixing

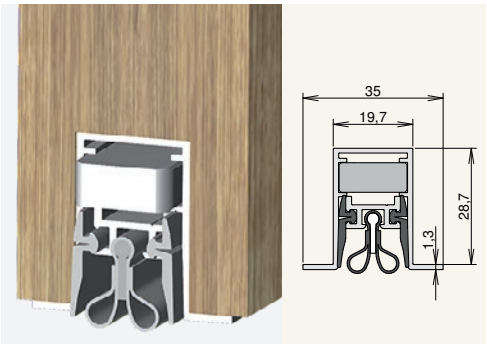


### Technical data

| | | |
|---|---|---|
| Groove width | 20 mm | 20 mm |
| Actuation | Single actuation | Single actuation |
| Sealing profile material | Silicone, lead rubber | Silicone, lead rubber |
| Travel | 12 mm | 12 mm |
| Minimum 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 | 1-551 | 1-557 |
| Accessories (included in delivery) | Art. no. 5103<br>incl. galvanised steel press plate | Art. no. 5114<br>including zinc die-cast press plate |

## Schall-Ex® SLIDE radiation protection M-20 OS

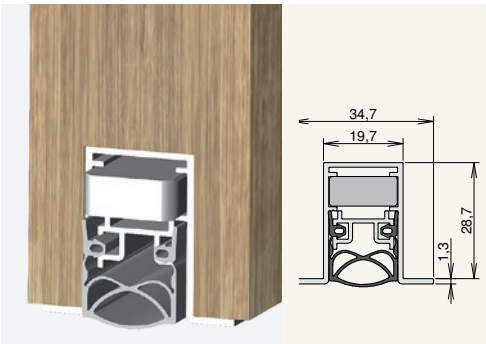
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection




- In accordance with DIN 6834

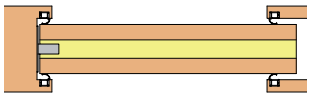
## Schall-Ex® Slide M-20 OS

- 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 actuation | Single actuation |
| Sealing profile material | Silicone, lead rubber | Silicone, self-extinguishing |
| Travel | 12 mm | 12 mm |
| Minimum 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 (included in delivery) | Art. no. 5111 including zinc die-cast press plate | Art. no. 5111 including zinc die-cast press plate |



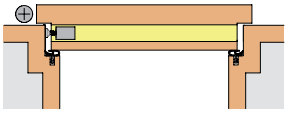
The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

# Schall-Ex® Jumbo I

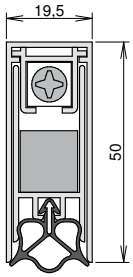
**For doors with extremely wide sealing-gaps**

- Acoustic protection sealing of gaps up to 35 mm
- Actuation on opening face adjusting screw
- Also suitable for fire and smoke protection doors
- No DIN R / L specification necessary

## Fixing



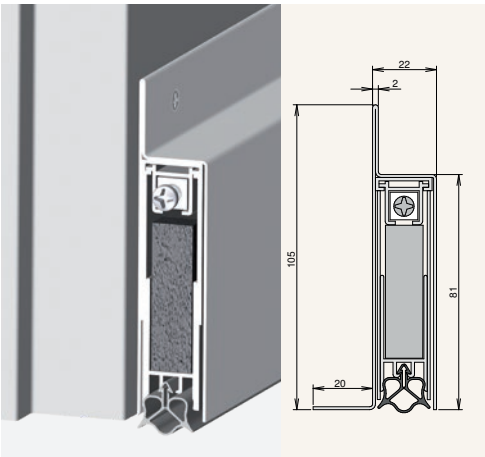
## Technical data




| | |
|---|---|
| Groove width | 20 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 35 mm |
| Minimum 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 |

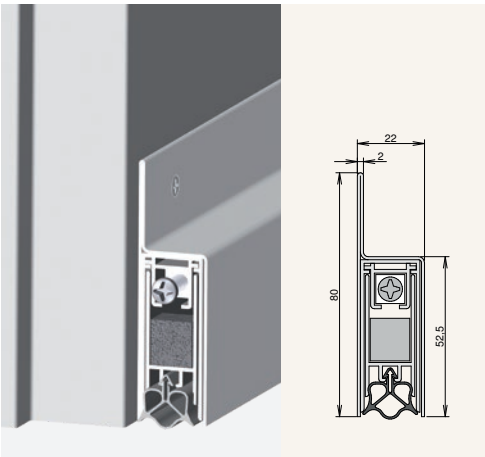
## Schall-Ex® JUMBO II

- 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**

| | | |
|---|---|---|
| Overalldimensions W x H | 22 x 81 mm | 2,2 x 52.5 mm |
| Actuation | Single actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing | Silicone, self-extinguishing |
| Travel | 50 mm | 35 mm |
| Minimum length | 710 mm (cannot be shortened) | 450 mm (cannot be shortened) |
| Maximum length | 1,700 mm | 1,700 mm |
| Can be shortened by | 60 mm | 60 mm |
| Individually packed | Foil tube | Foil tube |
| Article number | 1-474 | 1-157 |
| Accessories (included in delivery) | Art. no. 5935 incl. pressplate of steel, GV | Art. no. 5935 incl. pressplate of steel, GV |



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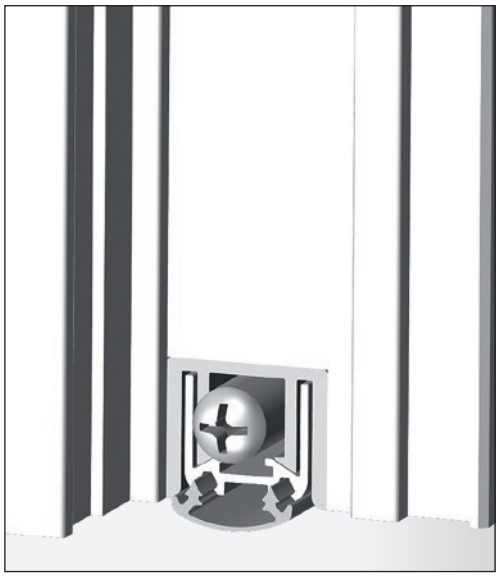
# Unidicht M-20

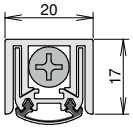
**with synthetic casing**

- 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 actuation |
| Sealing profile material | Silicone |
| Travel | 11 mm |
| Minimum 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 (included in delivery) | 5109 |



**Product family**

# Stadi L

- Sound reduction of up to 50 dB
- Easy screw-on angled installation
- Seal travel: up to 16 mm
- Suitable for DIN L/R
- Optional set-up for Ø 10 mm standard flush bolt
- Optional set-up for flush bolt

**Smoke and fire doors**

**Acoustic doors**

- 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 carry the "Ü" sign of compliance

Certificate:
"DIN approved - Barrier-free"

**Front doors**

- Stainless steel springs and rustproof inner mechanical parts
- Silicone sealing profile prevents freezing in position and ensures flexible seal with the floor, even in icy conditions
- Without a threshold for barrier-free construction

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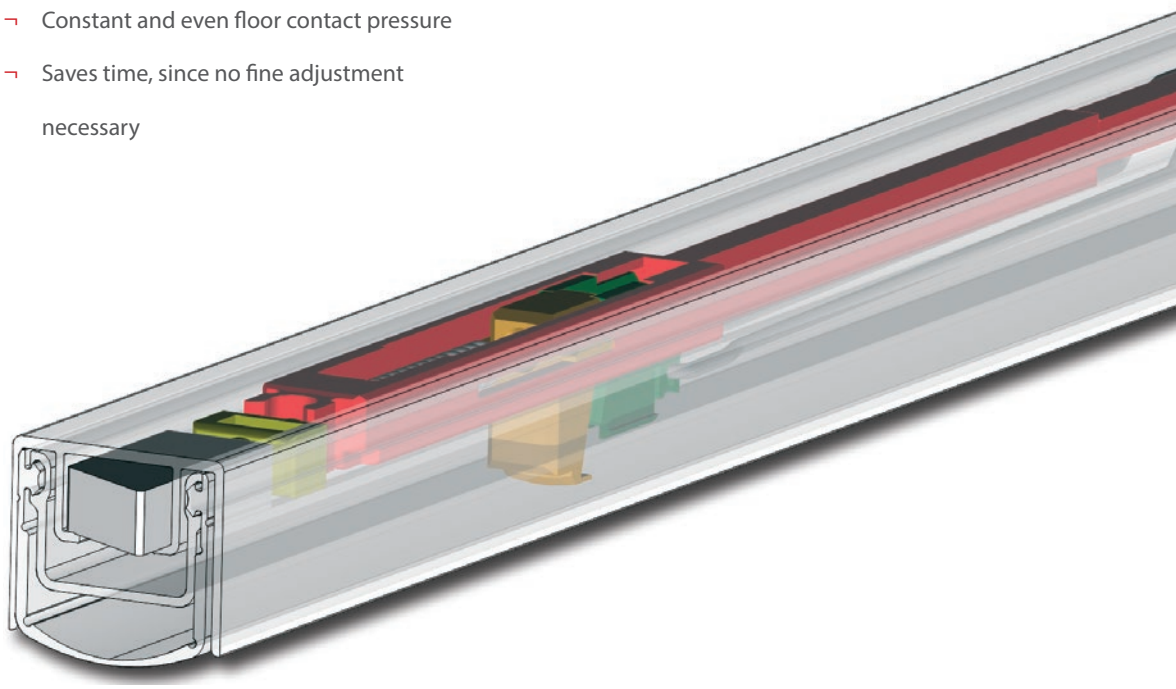
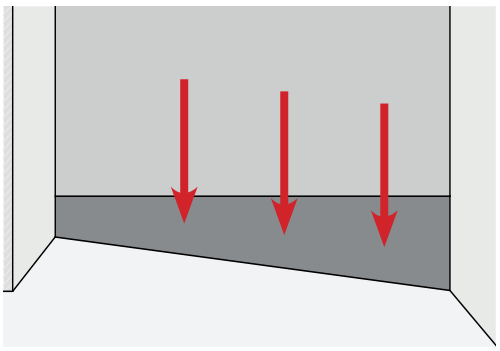
**Automatic height adjustment**

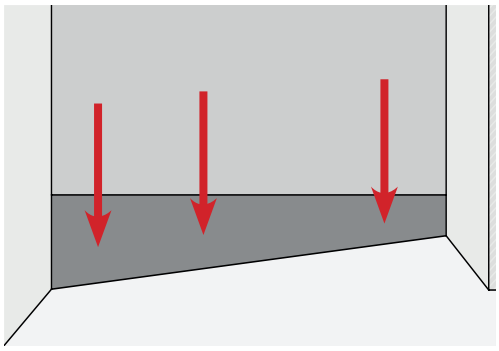
- With integrated overload protection as standard
- Constant and even floor contact pressure
- Saves time, since no fine adjustment necessary



**Automatic level compensation**

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





**Actuation**

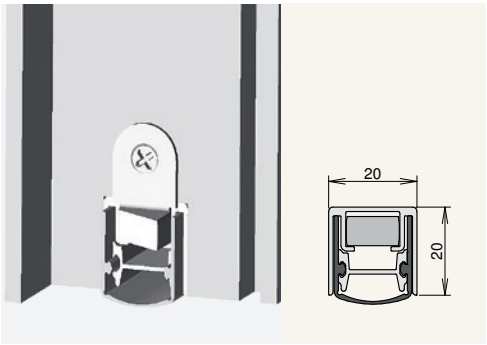
## Hinge-side or lock-side actuation, as required

- Actuator catch on hinge side

- Actuator catch on lock side

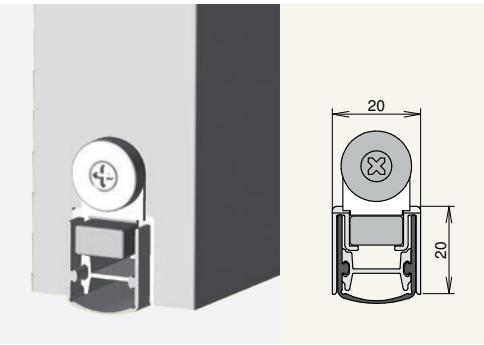
## Stadi L-20/20 WS

- Automatic height and level compensation
- Optional set-up for Ø 10 mm standard flush bolt
- Optional set-up for flush bolt

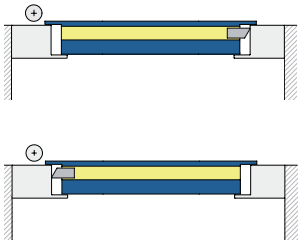



## Stadi Slide & Lock L-20/20 WS

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




### Actuation



### Technical data

| Width | Height | Stadi L-20/20 WS | | Stadi Slide & Lock L-20/20 WS | |
|---|---|---|---|---|---|
| | | 20 mm | 20 mm | 20 mm | 20 mm |
| Actuation | | Single actuation | | Single actuation | |
| Sealing profile material | | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | | 13 mm | | 13 mm | |
| Minimum length | | 260 mm (cannot be shortened) | | 260 mm (cannot be shortened) | |
| Standard lengths | | 750, 900, 1,050, 1,200 mm | | 708, 833, 958, 1,083, 1,208 mm | |
| Maximum length | | 2,000 mm | | 2,000 mm | |
| Can be shortened by | | 150 mm | | 150 mm | |
| Article number | | 1-785 | | 1-797 | |
| Accessories (included in delivery) | | Art. no. 5516 including stainless steel press plate | | Art. no. 5141 incl. galvanised steel press plate | |



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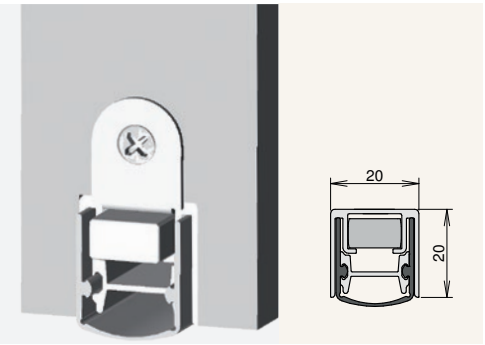
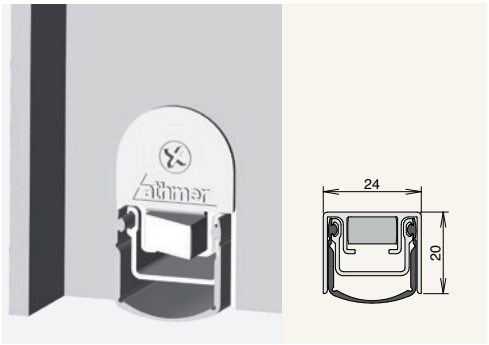
## Stadi Slide L-20/20 WS

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

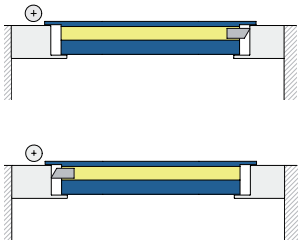
## Stadi L-24/20 WS

- Automatic height and level compensation
- Sound reduction up to 50 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

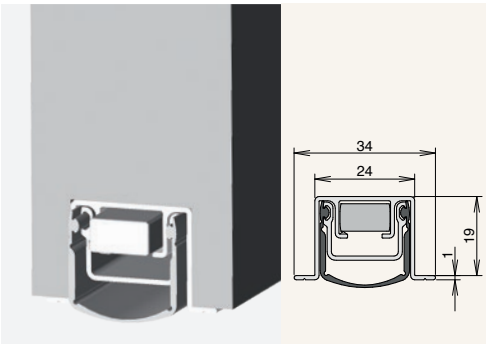


### Technical data

| | | | | | |
|---|---|---|---|---|---|
| Width | Height | 20 mm | 20 mm | 24 mm | 20 mm |
| Actuation | | Single actuation | | Single actuation | |
| Sealing profile material | | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | | 13 mm | | 16 mm | |
| Minimum length | | 260 mm (cannot be shortened) | | 260 mm (cannot be shortened) | |
| Standard lengths | | 708, 833, 958, 1,083, 1,208 mm | | 750, 900, 1,050, 1,200 mm | |
| Maximum length | | 2,000 mm | | 2,000 mm | |
| Can be shortened by | | 150 mm | | 150 mm | |
| Article number | | 1-796 | | 1-603 | |
| Accessories (included in delivery) | | Art. no. 5142 including zinc die-cast press plate | | Art. no. 5200 including zinc die-cast press plate | |

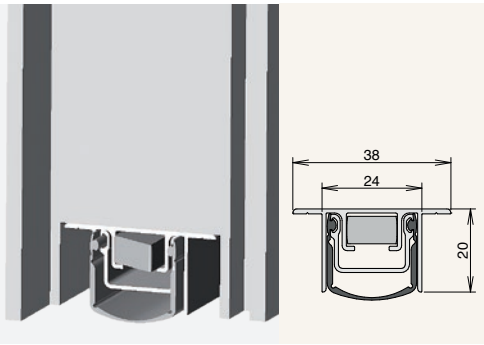
## Stadi L-24/20 OS

- Automatic height and level compensation
- Sound reduction up to 50 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

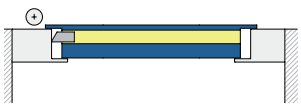


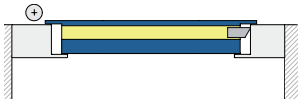

## Stadi L-24/20 TS

- Automatic height and level compensation
- Sound reduction up to 50 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 mm | 20 mm | 38 mm | 20 mm |
| Actuation | | Single actuation | | Single actuation | |
| Sealing profile material | | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | | 16 mm | | 16 mm | |
| Minimum length | | 250 mm (cannot be shortened) | | 250 mm (cannot be shortened) | |
| Standard lengths | | 750, 900, 1,050, 1,200 mm | | 750, 900, 1,050, 1,200 mm | |
| Maximum length | | 3,000 mm | | 3,000 mm | |
| Can be shortened by | | 150 mm | | 150 mm | |
| Article number | | 1-605 | | 1-607 | |
| Accessories (included in delivery) | | Art. no. 5503 including stainless steel press plate | | Art. no. 5503 including stainless steel press plate | |



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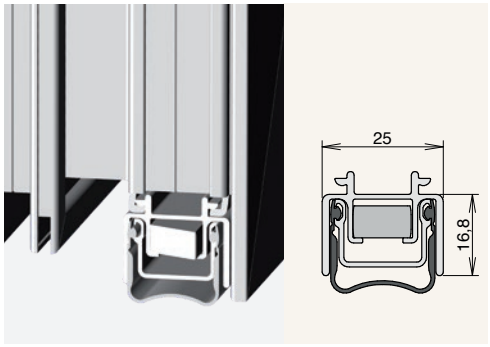
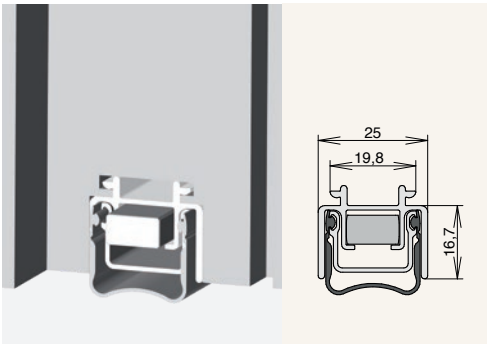
## Stadi L-24/20 ES

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

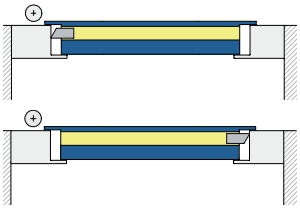
## Stadi Slide L-24/20 ES

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




**Actuation**

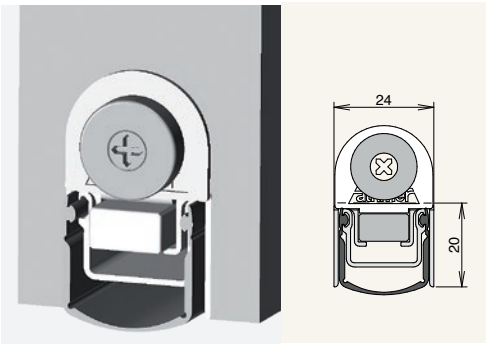


**Technical data**

| | | | | | |
|---|---|---|---|---|---|
| Width | Height | 25 mm | 16.7 mm | 25 mm | 16.7 mm |
| Actuation | | Single actuation | | Single actuation | |
| Sealing profile material | | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | | 13 mm | | 13 mm | |
| Minimum length | | 250 mm (cannot be shortened) | | 250 mm (cannot be shortened) | |
| Standard lengths | | 750, 900, 1,050, 1,200 mm | | 708, 833, 958, 1,083, 1,208 mm | |
| Maximum length | | 3,000 mm | | 3,000 mm | |
| Can be shortened by | | 150 mm | | 150 mm | |
| Article number | | 1-896 | | 1-897 | |
| Accessories (included in delivery) | | Art. no. 5485 including stainless steel press plates | | Art. no. 5485 including stainless steel press plates | |

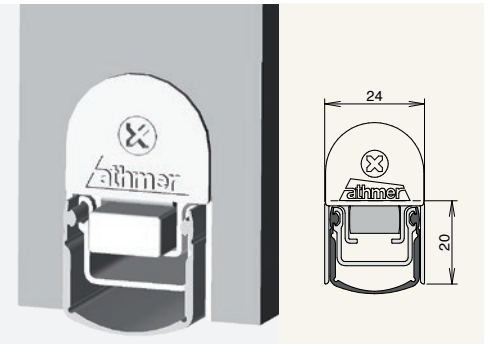
## Schall-Ex® Slide & Lock L-24/20 WS

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

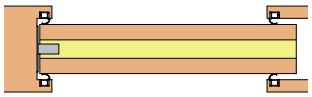



## Schall-Ex® Slide L-24/20 WS

- 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 mm | 20 mm | 24 mm | 20 mm |
| Actuation | | Single actuation | | Single actuation | |
| Sealing profile material | | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | | 16 mm | | 16 mm | |
| Minimum length | | 260 mm (cannot be shortened) | | 260 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 | | 150 mm | | 150 mm | |
| Article number | | 1-622 | | 1-620 | |
| Accessories (included in delivery) | | Art. no. 5120 incl. galvanised steel press plate | | Art. no. 5121 including zinc die-cast press plate | |



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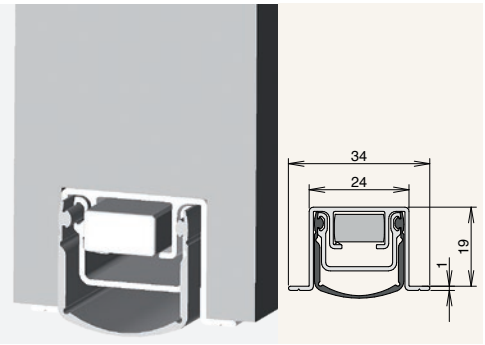
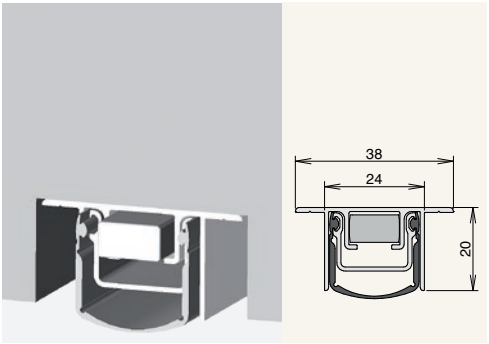
## Schall-Ex® Slide L-24/20 OS

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

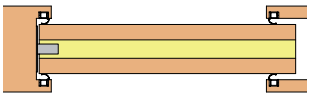



## Schall-Ex® Slide L-24/20 TS

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




### Actuation



### Technical data

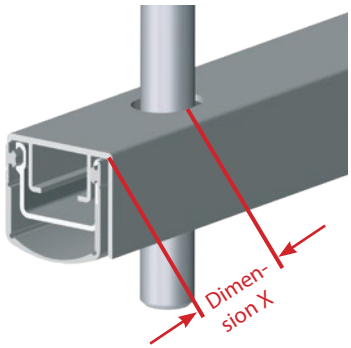
| | | | | | |
|---|---|---|---|---|---|
| Width | Height | 24 mm | 20 mm | 38 mm | 20 mm |
| Actuation | | Single actuation | | Single actuation | |
| Sealing profile material | | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | | 16 mm | | 16 mm | |
| Minimum length | | 250 mm (cannot be shortened) | | 250 mm (cannot be shortened) | |
| Standard lengths | | 708, 833, 958, 1,083, 1,208 mm | | 708, 833, 958, 1,083, 1,208 mm | |
| Maximum length | | 3,000 mm | | 3,000 mm | |
| Can be shortened by | | 150 mm | | 150 mm | |
| Article number | | 1-616 | | 1-618 | |
| Accessories (included in delivery) | | Art. no. 5111 including zinc die-cast press plate | | Art. no. 5111 including zinc die-cast press plate | |

**For a good seal without gaps even with double-wing doors**

**For Ø 10 mm flush bolt**

# Flush bolt set-up

- Seal on actuation side can be shortened!
  (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

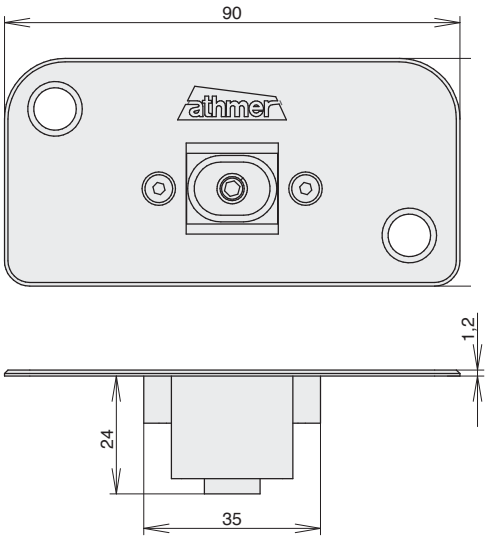
Note: Minimum length if flush bolt hole incorporated = distance from drilled hole (X) + 270 mm

# Stainless steel floor strike recess

**For Ø 10 mm flush bolt**

## BS-10

- Continuously adjustable range ± 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

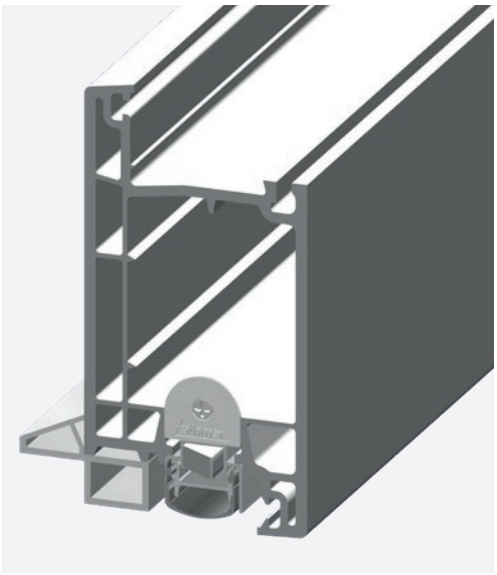




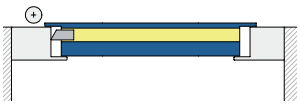

The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

# Stadi L-24/15 BN

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

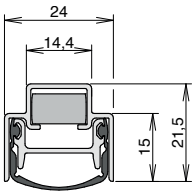


## Actuation



## Technical data

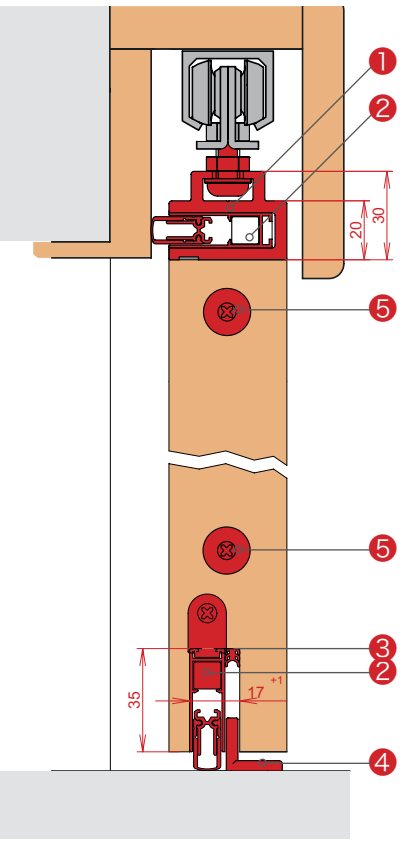
| | | | |
|---|---|---|---|
| Width | Height | 24 mm | 15 mm |
| Actuation | | Single actuation | |
| Sealing profile material | | Silicone, self-extinguishing | |
| Travel | | 11 mm | |
| Minimum length | | 260 mm (cannot be shortened) | |
| Standard lengths | | 400, 580, 650, 750, 900, 1.050, 1,200, 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 | |



# Allround seal

**Complete sealing system for sliding doors**

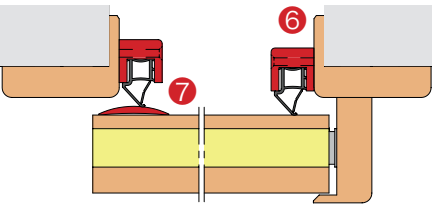
- Sliding door runs in front of the wall
- Increased tightness against:
  - Sound
  - Draughts
  - Smoke
  - Smells
- For sliding wings up to a width of 1,958 mm and a weight of up to 80 kg
- Intended for butt hinges with M8 connectors




## VHH M-12 Set

**In standard lengths708, 833, 958, 1,083, 1,208 mm (fixed lengths possible)**

| Packingcontents/delivery packageArticle number: 1-839 | Each |
|---|---|
| 1 Slide-Adapter-12 | 1 |
| 2 Schall-Ex Slide M-12 SLA | 2 |
| 3 Slide 5spacer | 1 |
| 4 Athmer - slidingdoor guide | 1 |
| 5 Magnet | 2 |

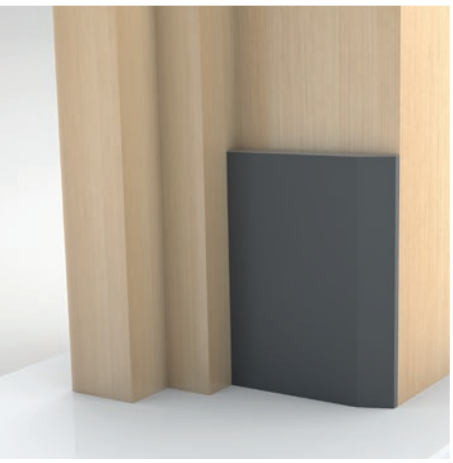


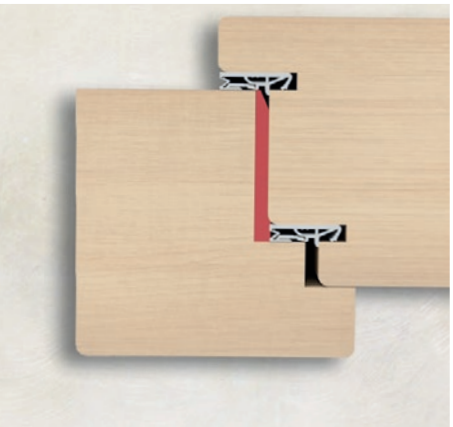

| Optional items | Lengths (mm) | | Each |
|---|---|---|---|
| 6 Unitherm Slide 22/22 (Untreated beechwood) | 2,000 mm Art. no. 319 050 | 2,500 mm Art. no. 319051 | 2 |
| 7 Aluminium threshold 253 Art. no. 3-114 | max. 3,000 mm (fixed lengths possible) | | 1 |

| Technical Data | Schall-Ex Slide M-12 SLA, art. no. 1-809 |
|---|---|
| Groove width | 12 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 11 mm |
| Minimum length | 280 mm (cannot be shortened) |
| Maximum length | 1,958 mm |
| Can be shortened by | 125 from 708 mm |



The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018





# 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 wooden 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 flames 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.

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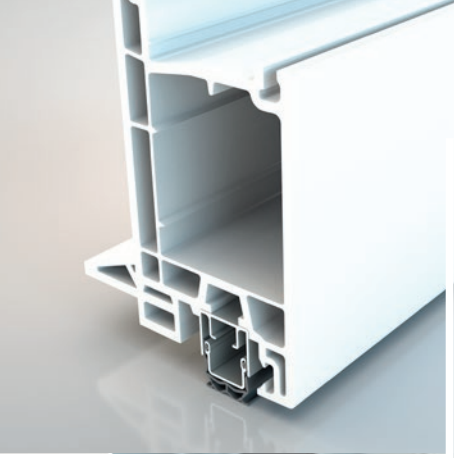
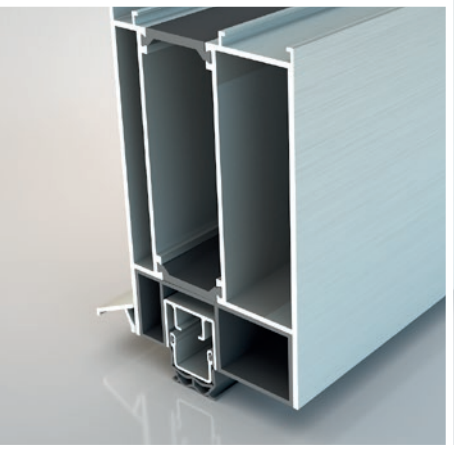
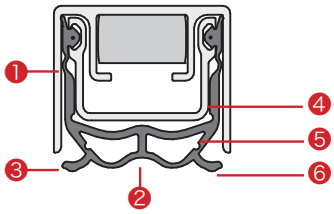




1. Bellows in the sealing profile for additional insulation between the outer and sealing profile
2. W-shaped design transfers the vertical forces into a lateral sealing movement
3. The outer lip has a pressure-supporting effect - more external pressure, the better the seal
4. Sealing profile made of wear-resistant material ensures a long life and a permanent seal
5. Voluminous sealing profile contour stabilises the lateral overlap of the sealing profile
6. Contact surfaces optimise the sanding behaviour




## Zero means zero

ROSENHEIM

R. NO. P1B050/07

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 U-sign. 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, PVC 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.

BARRIEREFREI DIN Geprüft

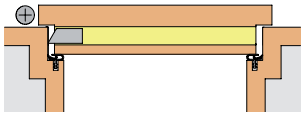
MPA NRW geprüft und überwacht

# Athmer Rainstop M-24/20 WS

**Quick and reliable installation**

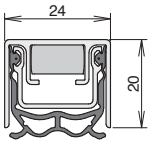
- Sound reduction up to 51 dB
- Suitable for DIN L/R
- For doors opening outwards and inwards
- Automatic height adjustment
- Set-up for Ø10mm flush bolt optional
- Optional set-up for flush bolt
- No tools needed for adjustment

**Actuation**



**Technical data**

| | |
|---|---|
| Width Height | 24 x 20 mm |
| Actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing |
| Travel | 13 mm |
| Minimum length | 300 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 | 1,500 mm |
| Can be shortened by | 75 mm on both sides |
| Article number | 1-932 |
| Accessories (included in delivery) | Art. no. 5138 including stainless steel press plate |



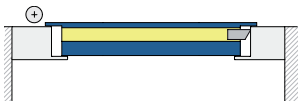


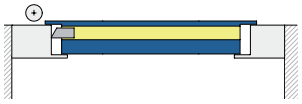

The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

# Stadi L-30/20 WS

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

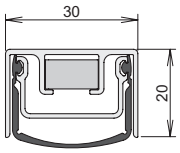
## Actuation





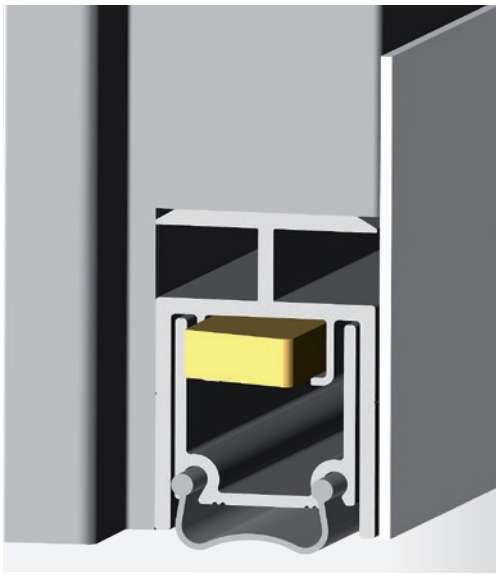
## Technical data

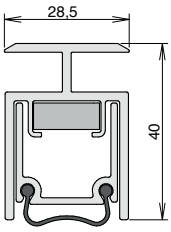
| | | | |
|---|---|---|---|
| Width | Height | 30 mm | 20 mm |
| Actuation | | Single actuation | |
| Sealing profile material | | Silicone, self-extinguishing | |
| Travel | | 16 mm | |
| Minimum length | | 260 mm (cannot be shortened) | |
| Standard lengths | | 750, 900, 1,050, 1,200 mm | |
| Maximum 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 | |



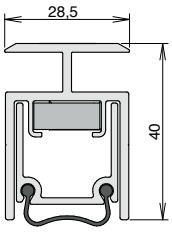
# Stadi-XL 40 DT

- 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



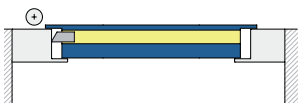


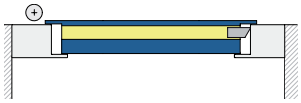

Type Stadi XL-40 DT




Type Stadi XL-40 ST

**Fixing DT**





| Technical data | Type Stadi XL-40 DT | Type Stadi XL-40 ST |
|---|---|---|
| Groove width | 28.5 mm | 28.5 mm |
| Actuation | Single actuation | Single actuation |
| Sealing profile material | Silicone | Silicone |
| Travel | 20 mm | 20 mm |
| Minimum length | 285 mm (n. s.) | 285 mm (n. s.) |
| Standard lengths | 750, 900, 1,050, 1,200 mm | 750, 900, 1,050, 1,200 mm |
| Maximum length | 2,000 mm | up to 2,100 (one-part) 8.000 mm (multi-part) |
| Can be shortened by | 125 from 708 mm | 125 mm end element |
| Article number | 1-478 | 1-477 |
| Accessories (included in delivery) | Art. no. 5962 | Art. no. 5960 / 5962 |



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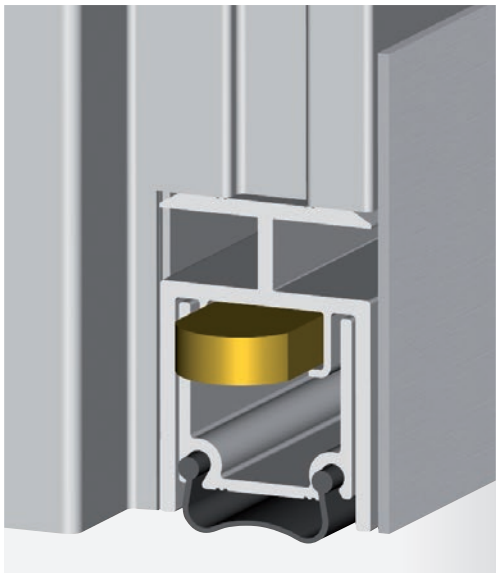
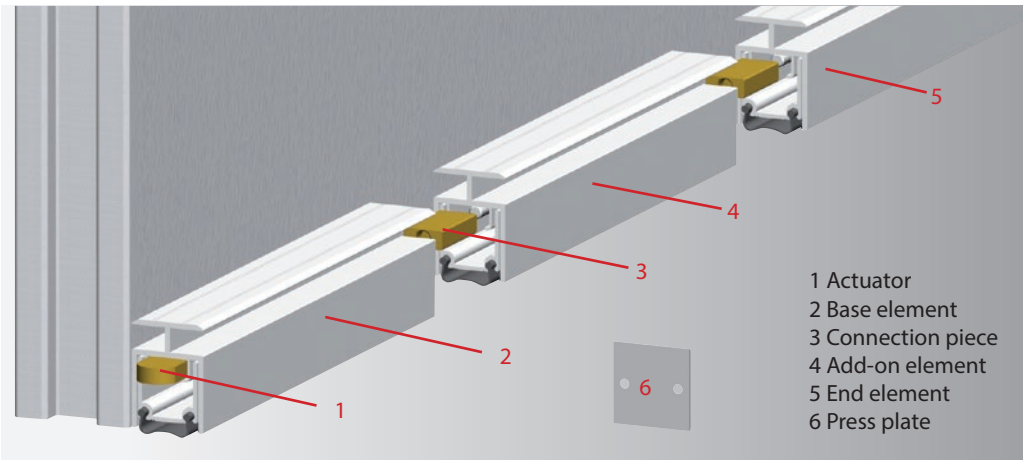
# Stadi XL40 ST

- 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



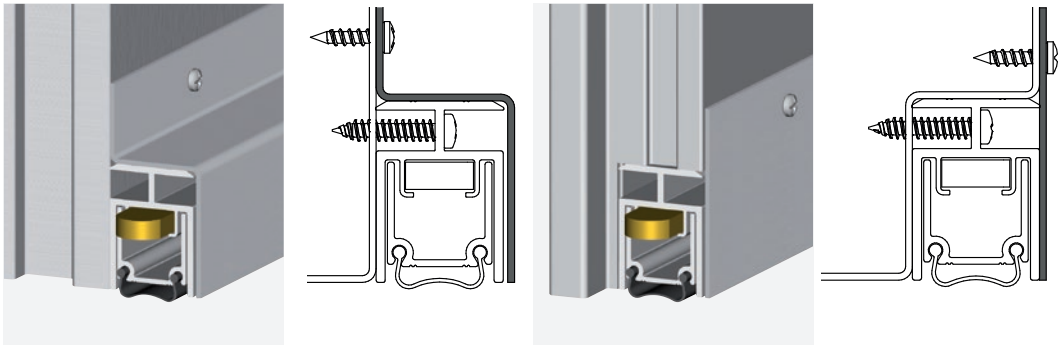

## Fixing ST

## Technical data

- See table on page 58

## Options

(Screw-on) stainless steel cover plate A ^



**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**

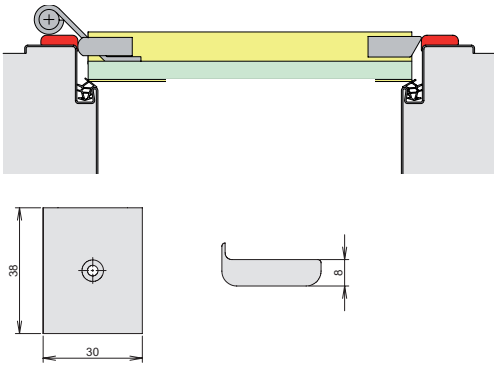
- Sealing profile made of self-extinguishing silicone
- Superior seal in combination with Athmer thresholds
- Meets requirements for barrier-free construction
- We deliver all automatic door seals for glass doors with the "Ü" sign of compliance

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

Certificate: "DIN approved - Barrier-free"

**Optional: Stopper plinth**

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



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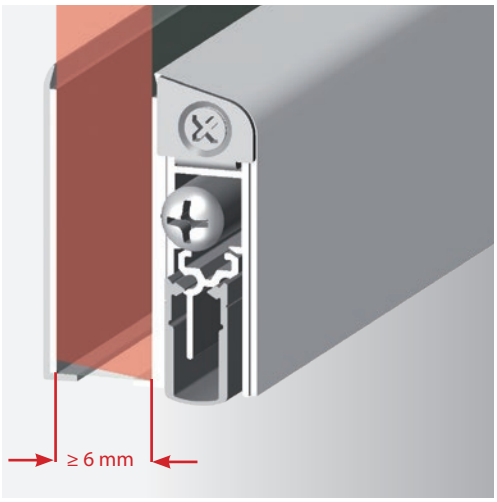
# Schall-Ex® GS-A

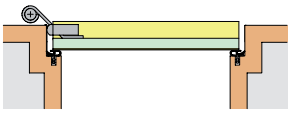
- For all doors from 6 mm glass thickness
- Seal and cover profile self-adhesive
- Reduced storage costs
- Suitable for retrofitting

**Surface finish**

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

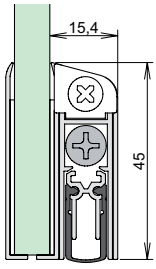



**Fixing**



**Technical data**

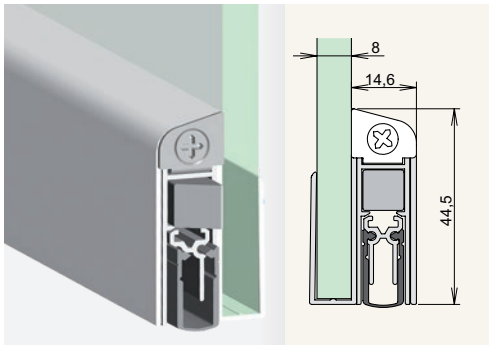
| | | |
|---|---|---|
| Glass thickness | ≥ 6 mm | |
| Overalldimensions H x W | 15.4 x 45 mm | |
| Actuation | 1-sided, opening face | |
| Sealing profile material | Silicone, self-extinguishing | |
| Travel | 11 mm | |
| Minimum length | 235 mm (cannot be shortened) | |
| Standard lengths | 708, 833, 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 |

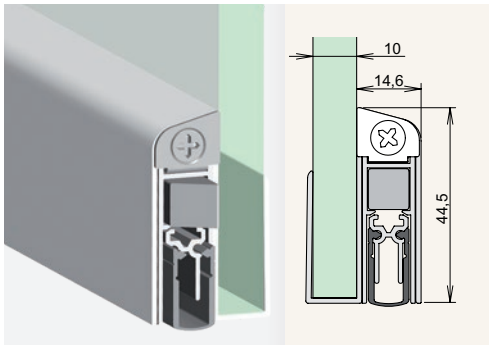
## Schall-Ex® Duo GS-8

- 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 actuation | | Double actuation | |
| Sealing profile material | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | 11 mm | | 11 mm | |
| Minimum 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 | |



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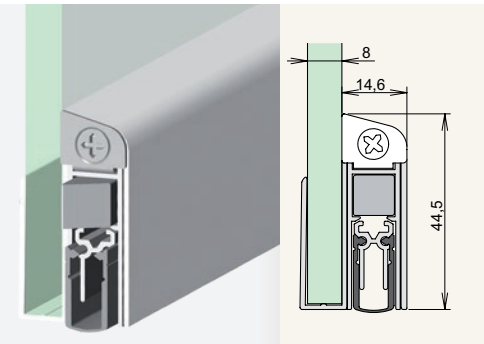
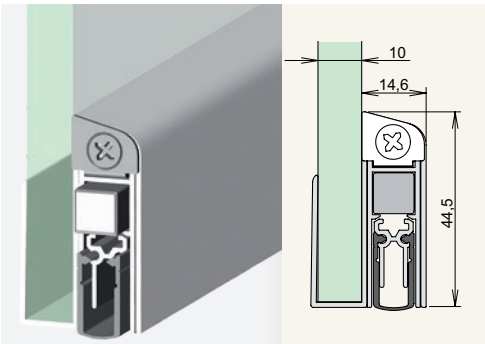
## Schall-Ex® GS-8

- 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 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

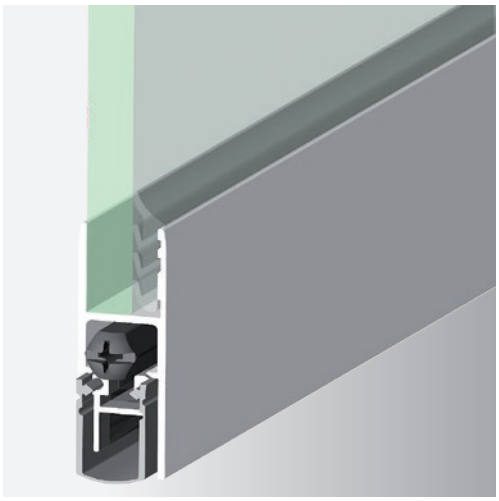
**Fixing**

**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 | Single actuation | | Single actuation | |
| Sealing profile material | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | 11 mm | | 11 mm | |
| Minimum 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 | 1-407 C-0 | 1-671 C-31 | 1-592 C-0 | 1-673 C-31 |
| Accessories (included in delivery) | Art. no. 5503 including stainless steel press plate | | Art. no. 5503 including stainless steel press plate | |

# Schall-Ex® GS-H8/12

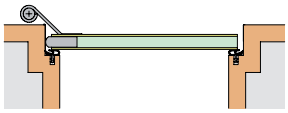
- Universal glass door seals for
  Doors with glass thicknesses
  from 8 - 12 mm
- Single actuation
- Lock-side cover
  made of stainless steel
- Reduced storage costs



## Surface finish

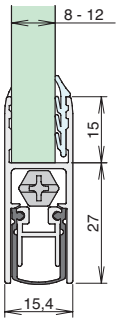
- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

## 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 | |
| Minimum 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 (included in delivery) | Art. no. 5550<br>3 glazing profiles<br>Press plate made of stainless steel<br>Cover angle | |





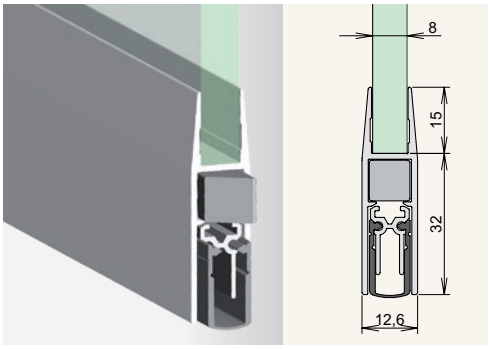

The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

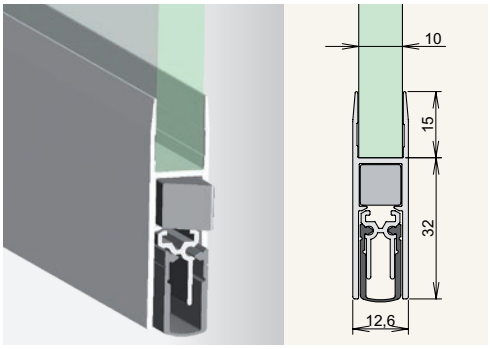
## Schall-Ex® Duo GS-H8

- 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



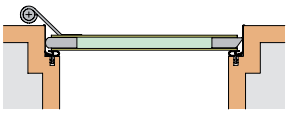




**Surface finish**

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

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

**Fixing**



**Technical data**

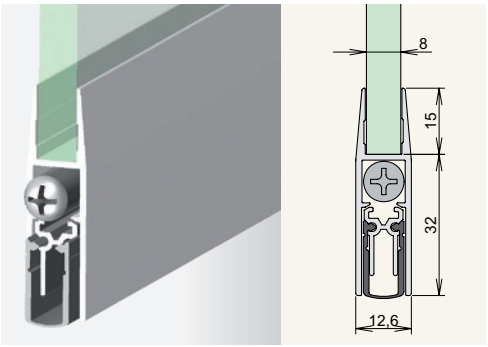
| | | | | |
|---|---|---|---|---|
| Glass thickness | 8 mm | | 10 mm | |
| Dimensions | 15 x 32 x 12.6 mm | | 15 x 32 x 12.6 mm | |
| Actuation | Double actuation | | Double actuation | |
| Sealing profile material | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | 11 mm | | 11 mm | |
| Minimum 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 | 1-416 C-0 | 1-674 C-31 | 1-454 C-0 | 1-676 C-31 |
| Accessories (included in delivery) | Art. no. 5420 including stainless steel press plate | | Art. no. 5420 including stainless steel press plate | |

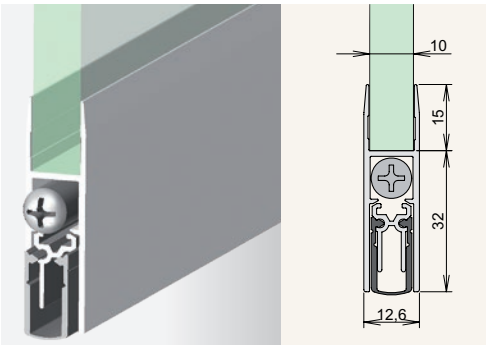
## Schall-Ex® GS-H8

- 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



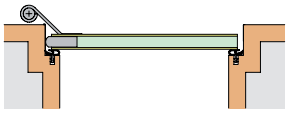




**Surface finish**

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

- 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 actuation | | Single actuation | |
| Sealing profile material | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | 11 mm | | 11 mm | |
| Minimum 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 | 1-675 C-31 | 1-453 C-0 | 1-677 C-31 |
| Accessories (included in delivery) | Art. no. 5503 including stainless steel press plate | | Art. no. 5503 including stainless steel press plate | |



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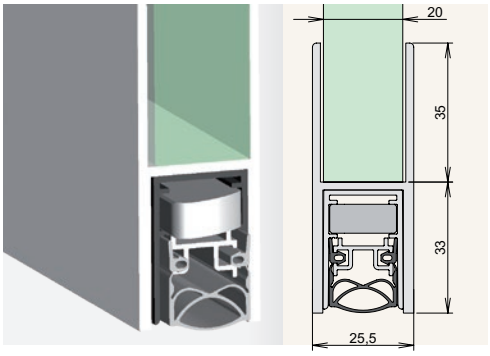
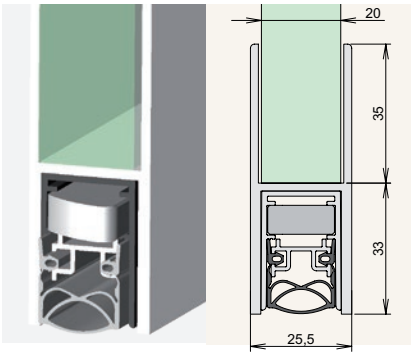
## Schall-Ex® Duo GS-H20

- 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 | 20 mm |
| Dimensions | 35 x 33 x 25.5 mm | 35 x 33 x 25.5 mm |
| Actuation | Double actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing | Silicone, self-extinguishing |
| Travel | 12 mm | 12 mm |
| Minimum length | 708 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 | 1,500 mm | 2,000 mm |
| Can be shortened by | 125 mm | 125 mm |
| Individually packed | Foil tube | Foil tube |
| Article number | 1-440 C-0 | 1-439 C-0 |
| Accessories (included in delivery) | Art. no. 5420 including stainless steel press plate | Art. no. 5503 including stainless steel press plate |

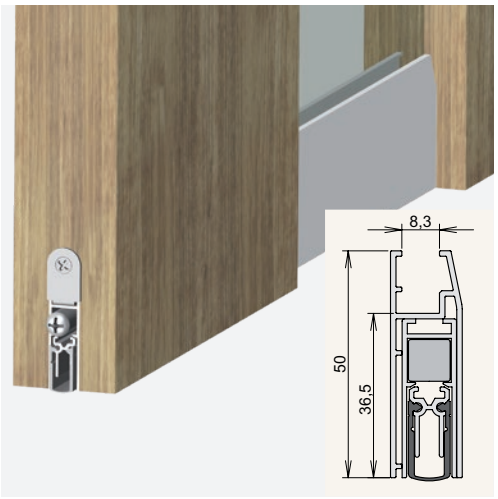
# Doppeldicht HGT-8

- For institutional doors with 8 mm thickness
- Single and double actuation
- Suitable for DIN-L and DIN-R doors
- Self-adhesive

adapter frame made of aluminium for glass

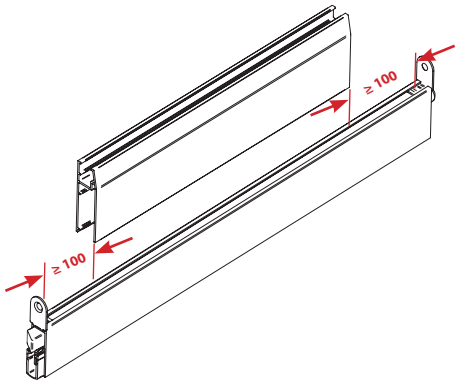
- Subsequent reduction in door height of 3

mm possible.




**Surface finish**

- Silver-coloured, anodised C-0

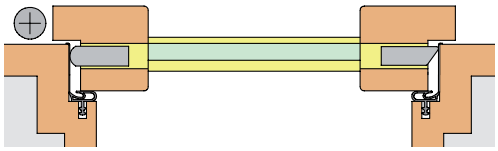


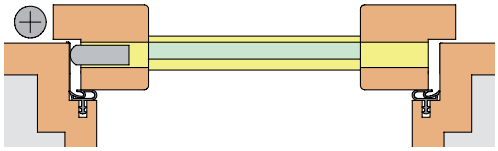

**Adapter profile**

- Adapter profile, 200 mm shorter than the

double seal, can be individually shortened

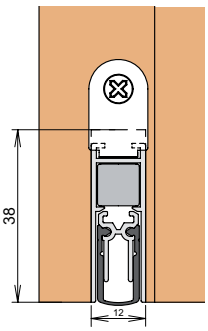
**Fixing**





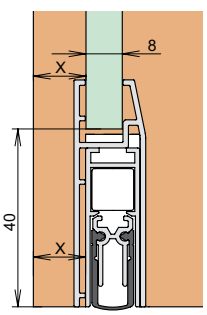
**Technical data**

| | | |
|---|---|---|
| Dimensions | 15 x 36.5 + x 13.5 mm | |
| Actuation | Double actuation | Single actuation |
| Sealing profile material | Silicone, self-extinguishing | |
| Travel | 11 mm | |
| Minimum 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 (included in delivery) | Art. no. 5220<br>- Adapter profile<br>- Stainless steel press plate | |




- End view:
Wooden frame with groove

Door leaf
can be shortened on site by 3 mm.




- Cross section:
Glass element

Glass under about 40 mm shorter than the door panel



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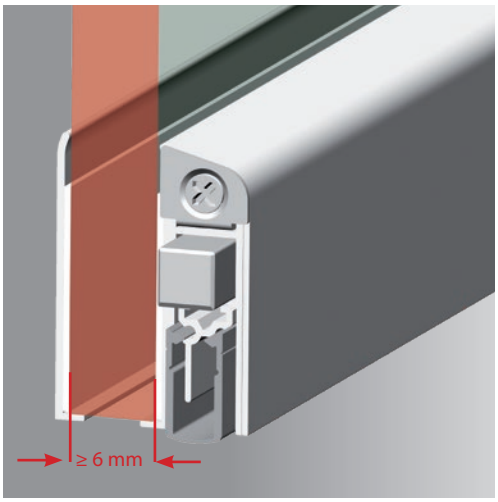
# Schall-Ex® Slide GS-A

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

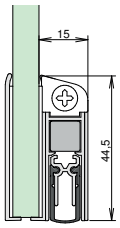
**Surface finish**

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




**Fixing**

**Technical data**

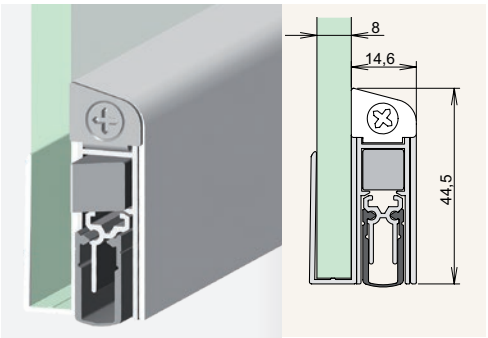



| | | |
|---|---|---|
| Glass thickness | ≥ 6 mm | |
| Overall dimensions H x W | 15.4 x 45 mm | |
| Actuation | Single actuation | |
| Sealing profile material | Silicone, self-extinguishing | |
| Travel | 11 mm | |
| Minimum length | 235 mm (cannot be shortened) | |
| Standard lengths | 708, 833, 958, 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

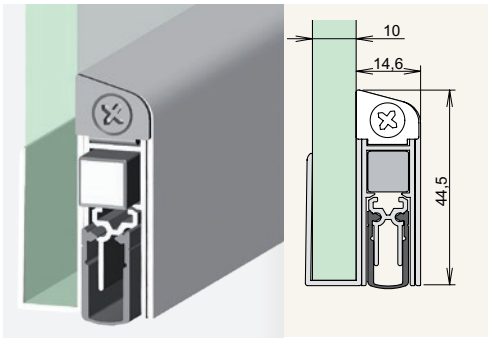
## Schall-Ex® Slide GS-8

- 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 actuation | | Single actuation | |
| Sealing profile material | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | 11 mm | | 11 mm | |
| Minimum 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 | 1-678 C-31 | 1-584 C-0 | 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 | |



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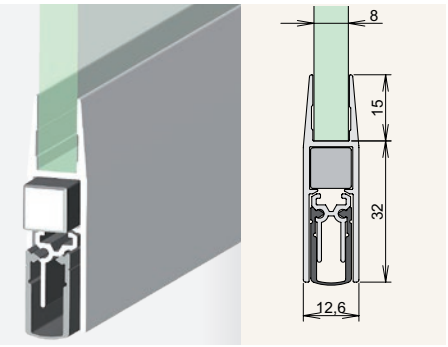
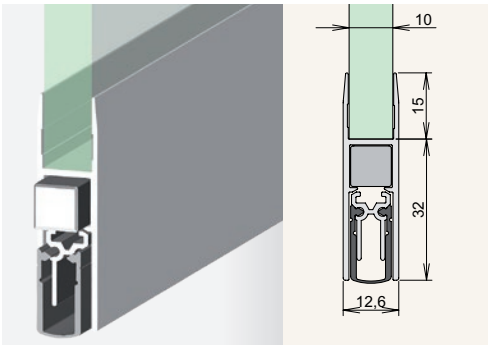
## Schall-Ex® Slide GS-H8

- 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

- 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 actuation | | Single actuation | |
| Sealing profile material | Silicone, self-extinguishing | | Silicone, self-extinguishing | |
| Travel | 11 mm | | 11 mm | |
| Minimum 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 | 1-578 C-0 | 1-680 C-31 | 1-572 C-0 | 1-681 C-31 |
| Accessories (included in delivery) | Art. no. 5424 including zinc die-cast press plate | | Art. no. 5424 including zinc die-cast press plate | |

# "Allround seal"

**System example** for a complete

sealing system for sliding glass doors.

We would be pleased to answer your enquiries.

¬ For enhanced seal against noise, draughts and smoke

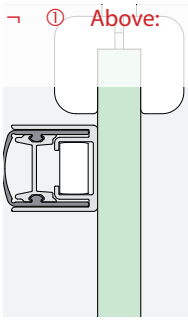
We need horizontal and vertical cross-sections from you in the form of CAD data sets in .dxf or .dwg formats for custom planning

**Example:**

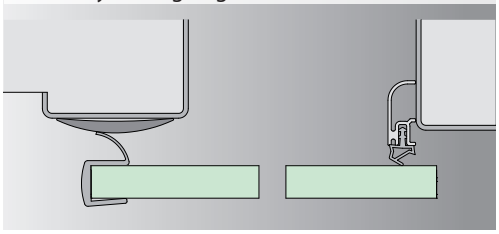
**System consisting of**

| | |
|---|---|
| System for one door with door clearance width up to 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 item 3-114 + Slide VN - 8/10 item 523 + Unitherm FAS-20 Art. 319204 |
| Lower door seal ③ | Schall-Ex Slide GS H-8 / H-10 item 1-578 / 1-572 |
| Door leaf guide ③ | Sliding doorguide Art. 5106 |

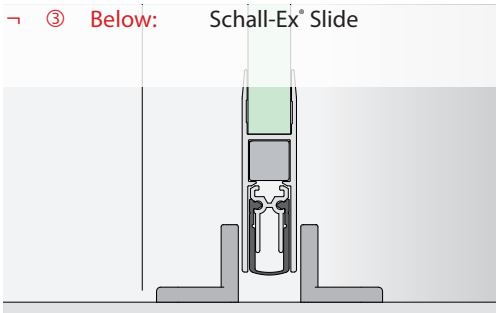
¬ ① Above: Door seal on the door leaf



¬ ② On the side:Seal on the secondary closing edge



¬ ③ Below: Schall-Ex® Slide





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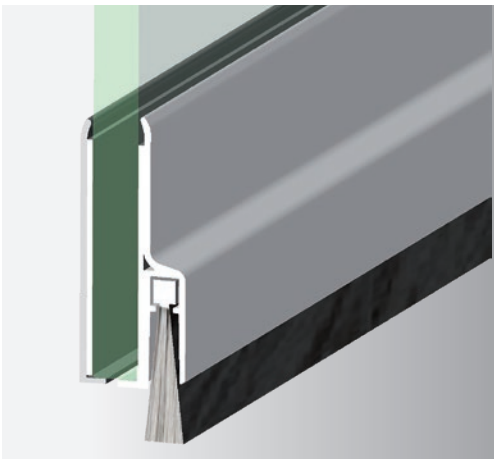
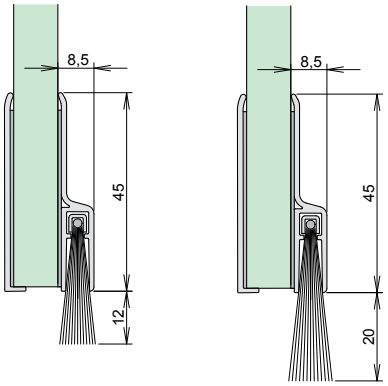
# Glasdicht SK

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



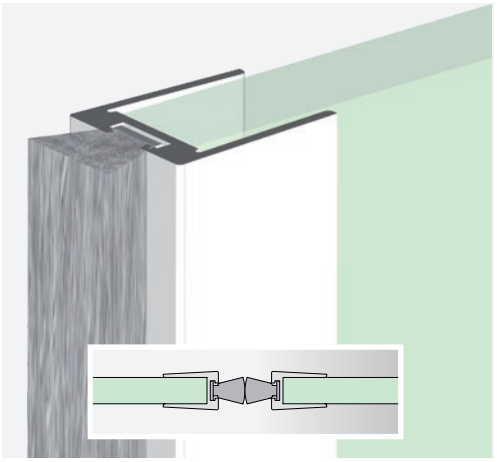
**Technical data**

| | | |
|---|---|---|
| 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 |

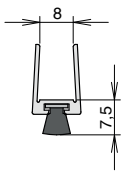
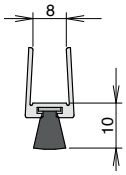
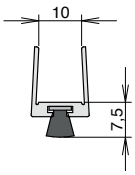
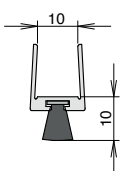


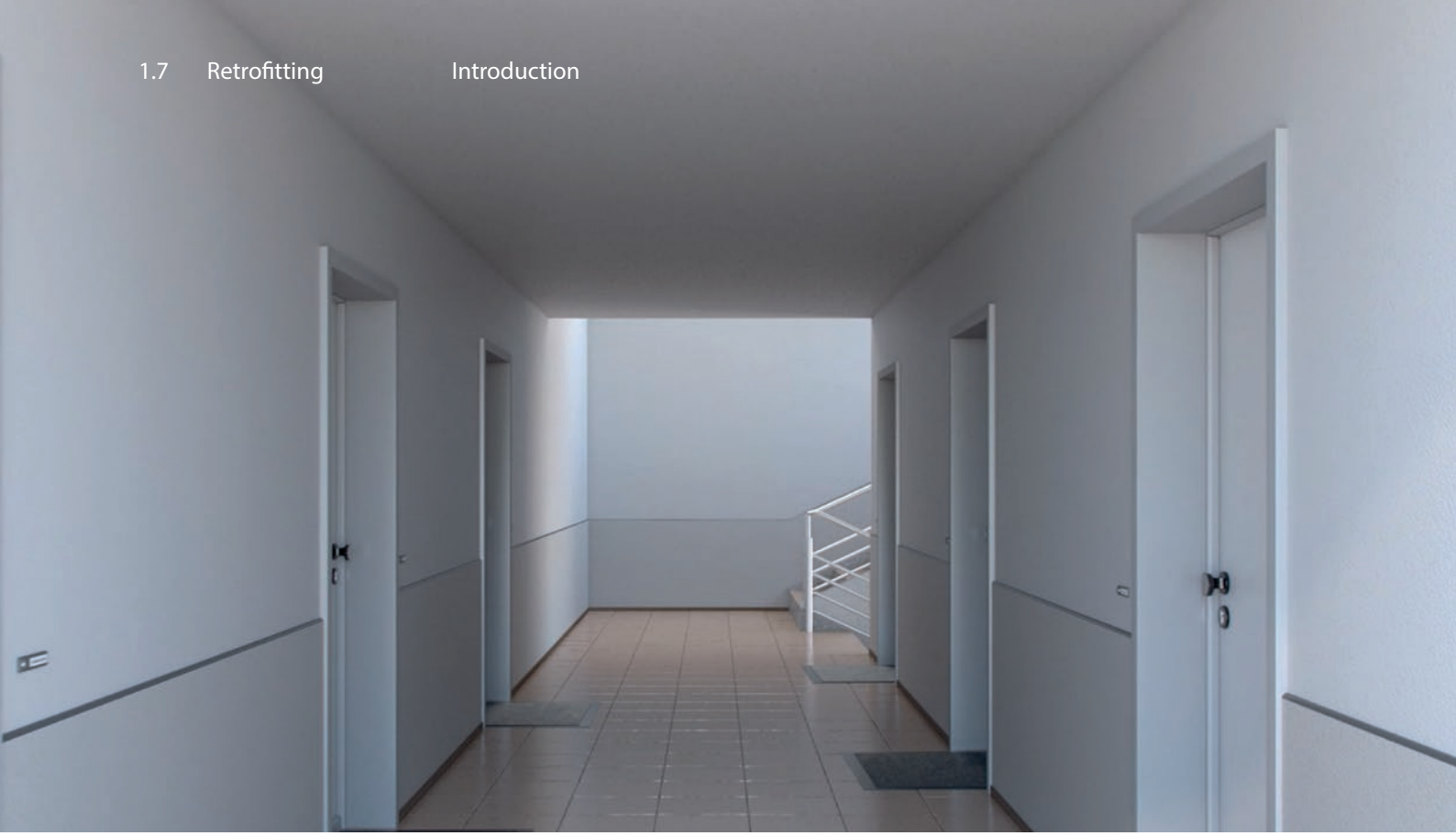

# Glasdicht UB

- For glass edges
- Self-adhesive, silver-coloured anodised aluminium profile
- Glass thickness 8 or 10 mm
- Soft polypropylene brush for double gaps



**Technical data**

| | Glasdicht UB-8/7.5 | Glasdicht UB-8/10 | Glasdicht UB-10/7.5 | Glasdicht UB-10/10 |
|---|---|---|---|---|
| |   |   |   |   |
| Glass thickness | 8 mm | 8 mm | 10 mm | 10 mm |
| for gaps | 7.5 mm | 10 mm | 7.5 mm | 10 mm |
| Lengths | 2,250 mm | 2,250 mm | 2,250 mm | 2,250 mm |
| Article number | 4-156-005 | 4-156-008 | 4-157-005 | 4-157-008 |



# NADI®
# Seals for retrofitting

**Seals for retrofitting of:**

- Smoke, fire and acoustic doors
- Damp and wet room doors
- For single and double-wing doors
- Thin and thick rebate doors, flush-fit doors
- Suitable for doors made of wood, 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 in stock
- 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**

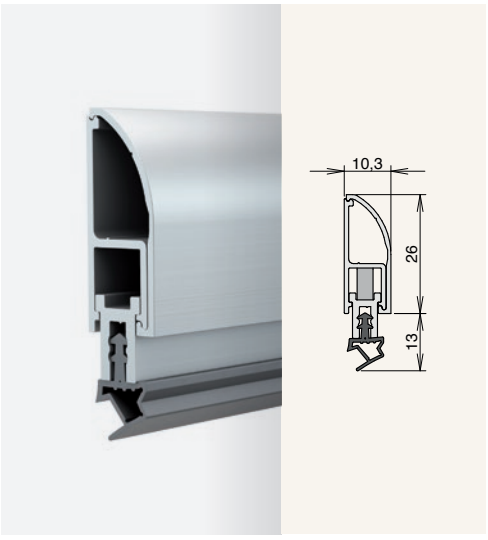
**Barrier-free access**

**Smoke control**



The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

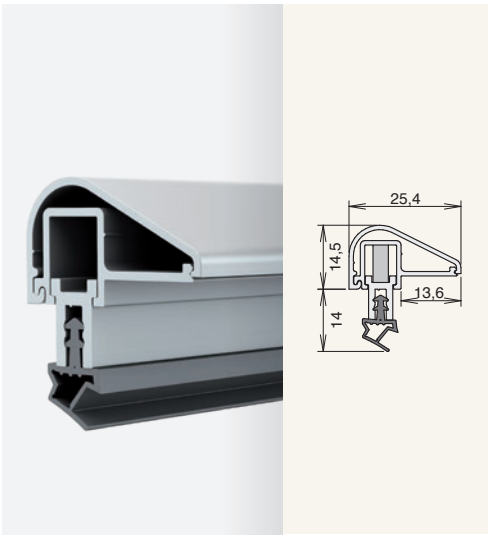
## NADI®-SR




- High sealing capacity even with strongly deformed 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

- For single and double-wing doors
- For thin and thick rebate doors
- Snap-on cover profile
- Elongated holes and pre-formed corners for quick and easy installation

## NADI®-SR A




- For single and double-wing doors
- For the door threshold
- For flush-fit doors
- Snap-on cover profile
- Elongated holes for quick and easy installation

**Technical data**

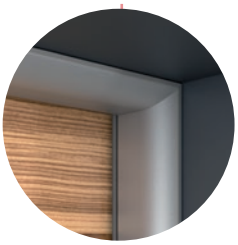
| | | | | |
|---|---|---|---|---|
| Width / height, actuated | 10.3 mm | 29 mm | 25.4 mm | 18 mm |
| Standard length | 950 mm / 3,000 mm | | 950 mm / 3,000 mm | |
| Can be shortened by | 150 mm on both sides | | 150 mm on both sides | |
| Tolerance compensation | 10 mm (optionally 14 mm) | | 10 mm (optionally 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 | |

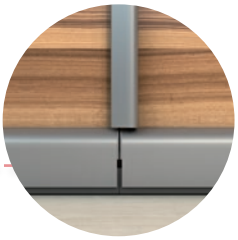
*We confirm the suitability of the NADI frame sealing system® and the automatic Schall-Ex® L-15 FS door seal for the upgrading of a fire protection door based on DIN 18095-2 and DIN EN 1634-3. For potential necessary regulatory approval, we provide a report of the MPA NRW.

## NADI® LM SET

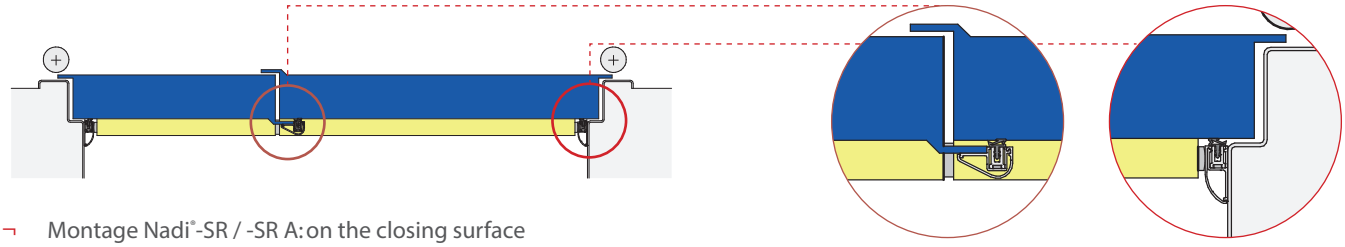
**for reveal mounting**

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



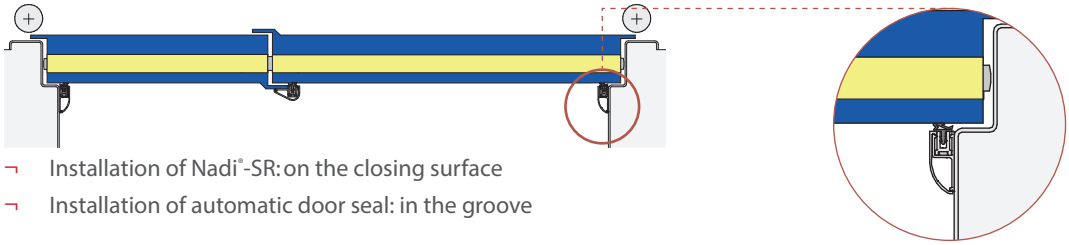


## Fixing



- Montage Nadi®-SR / -SR A: on the closing surface
- Installation of Schall-Ex® L-15 FS: on the closing surface

## Optionally,



- Installation of Nadi®-SR: on the closing surface
- Installation of automatic door seal: in the groove



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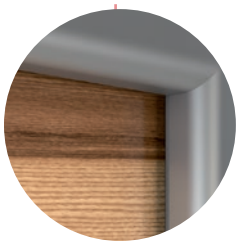
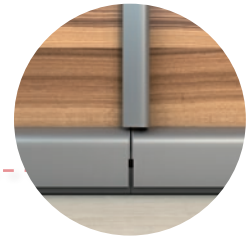


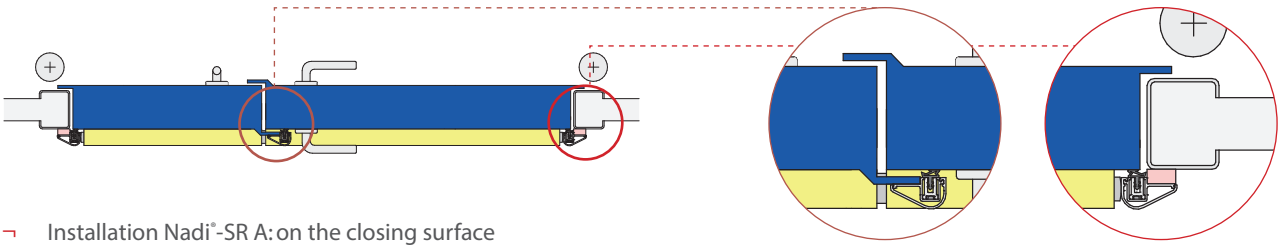


## NADI® FM SET

**for flush-fit installation**

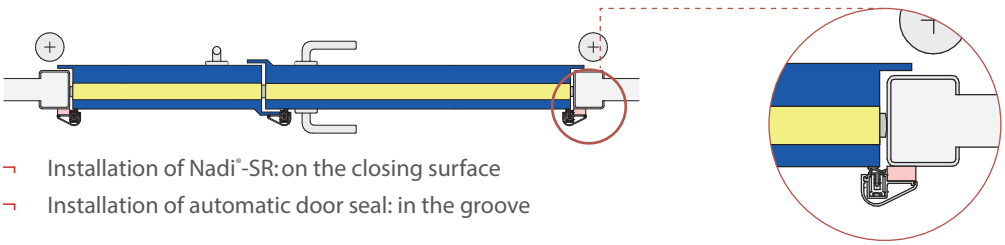
- For single and double-wing hinged doors
- **Optionally** with automatic seals for retrofitting Schall-Ex® L-15 FS

### Fixing



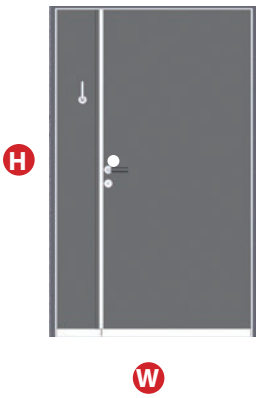
- Installation Nadi®-SR A: on the closing surface
- Installation of Schall-Ex® L-15 FS: on the closing surface

### Optionally,



- Installation of Nadi®-SR: on the closing surface
- Installation of automatic door seal: in the groove

# Set- Overview




| | | NADI® LM Set Art. no. | NADI® FM Set Art. no. |
|---|---|---|---|
| **Single-wing door** (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 |
| | 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 |
| **Double-wing door** (mm) | 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.

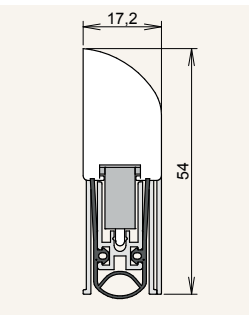
**Optionally**

## 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

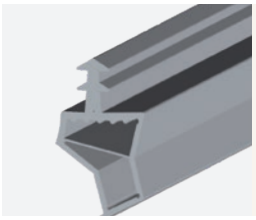


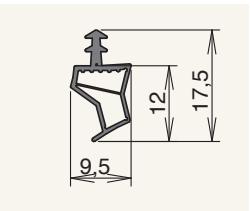

## Sealing profile 102

- For increased demands

  with up to 14 mm tolerance compensation
- Self-extinguishing silicone,

  Colour: grey








The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

# NADI® LM K Set

**for reveal mounting**

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

# NADI® FM K Set

**for flush-fit installation**

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

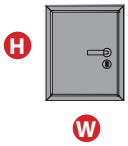
NEW

**Application example and fixing**

- See NADI® LM/FM set, page 78-79

**Note**

- One set consisting of two lengths




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

**Order example**

1 set = 2 pieces

**Fire/smoke dampers height 800 mm x width 600 mm =**

**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)



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# Schall-Ex® Applic

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

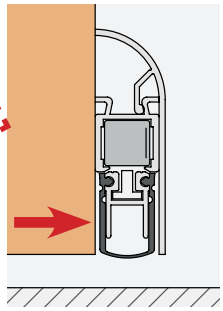
**Smoke and fire doors**

- Use of self-extinguishing silicone profile

Schall-Ex® Applic is suitable for use with fire doors and smoke protection 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

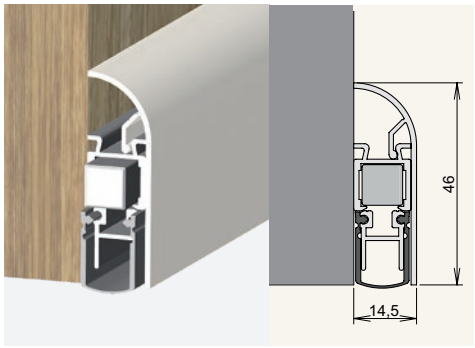
**“Ü” sign of compliance**

- Supplied with the "Ü" sign of compliance

**Fixing**

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

# Schall-Ex® Applic A




**Plinth**

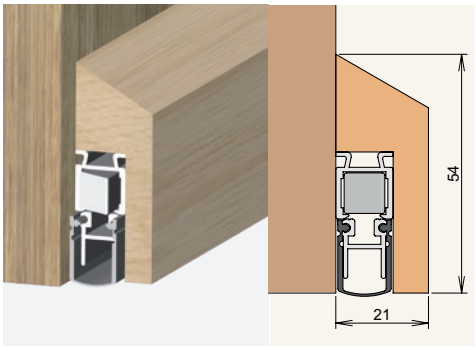
- Aluminium
- Snap-on cover profile
- Concealed screws

**Finishes**

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

**Fixing**

# Schall-Ex® Applic T




**Plinth**

- Oak wood

**Finishes**

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

## Technical data

| | Schall-Ex® Applic A | | | Schall-Ex® Applic T |
|---|---|---|---|---|
| Overalldimensions H x W | 14.5 x 46 mm | | | 21 x 54 mm |
| Actuation | Single actuation | | | Single actuation |
| Sealing profile material | Silicone, self-extinguishing | | | Silicone, self-extinguishing |
| Travel | Recommended 5 mm (max.11 mm) | | | Recommended 5 mm (max.11 mm) |
| Minimum 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<br>including stainless steel press plate | | | Art. no. 5126<br>including stainless steel press plate |



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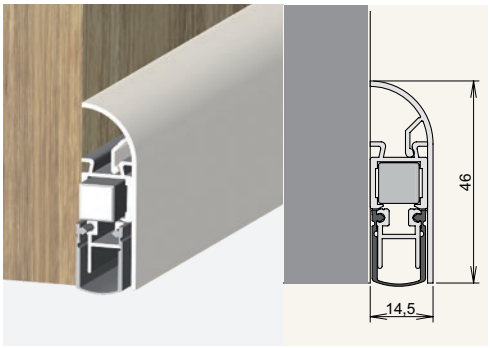
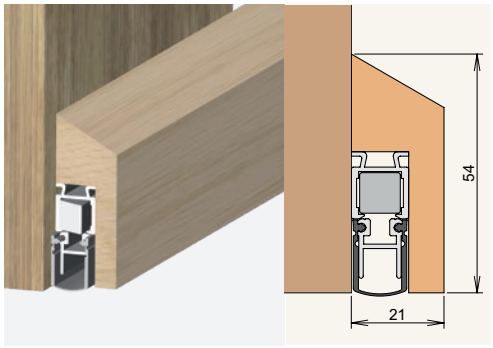
## Schall-Ex® SLIDE Applic A

- For sliding doors running in front of the wall




## Schall-Ex® SLIDE Applic T

- For sliding doors running in front of the wall




**Plinth**

- Aluminium
- Snap-on cover profile
- Concealed screws

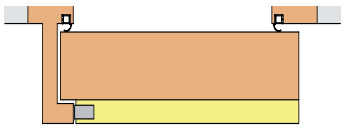
- Oak wood

**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**

| | | | | |
|---|---|---|---|---|
| Overalldimensions H x W | 14.5 x 46 mm | | | 21 x 54 mm |
| Actuation | 1-sided, opening face | | | 1-sided, lock side |
| Sealing profile material | Silicone, self-extinguishing | | | Silicone, self-extinguishing |
| Travel | Recommended 5 mm (max.11 mm) | | | Recommended 5 mm (max.11 mm) |
| Minimum 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 | 1-717<br>C-0 | 1-810<br>RAL 9016 | 1-811<br>C-34 | 1-718 |
| Accessories (included in delivery) | Art. no. 5129<br>including zinc die-cast press plate and cushioning | | | Art. no. 5129<br>including zinc die-cast press plate and cushioning |

# Wind-EX

- prevents draughts
- saves heating costs
- for enhanced living comfort

**Plinth**

- Aluminium
- Snap-on cover profile
- Concealed screws

**Surface finish**

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

**Packaging**

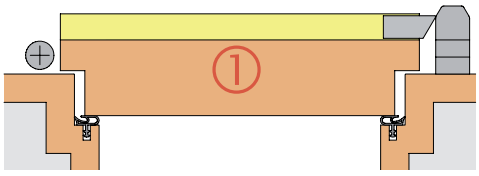
- Sales packaging

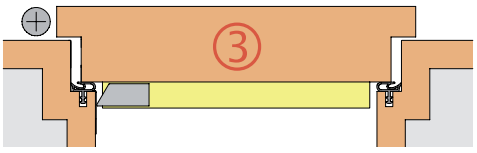
  includes installation instructions

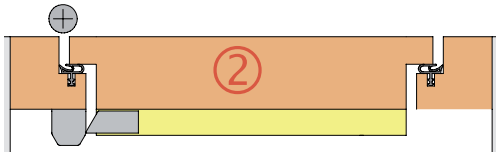
**Accessories**

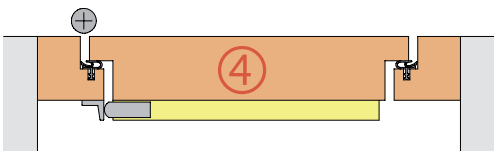
- With pressure block(①②)
- With angle pressure bracket (Wind-Ex A ④)
- With press plate
- With end cover caps

**Fixing options**




**Internet**

Installation instructions

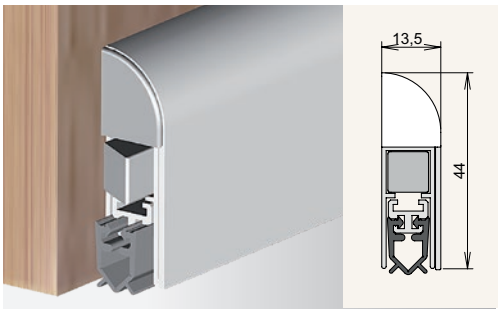
List of accessories with illustrations

Cross-sections, scale 1:1



The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

## Wind-EX

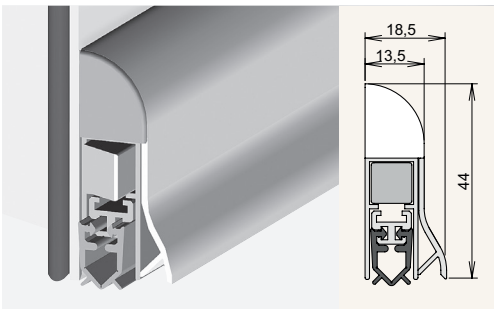



**Technical data**

| | | | |
|---|---|---|---|
| Overalldimensions H x W | 13.5 x 44 mm | | |
| Actuation | Single actuation | | |
| Fixing options | ①②③ | | |
| Sealing profile material | PVC | | |
| Travel | 11 mm | | |
| Minimum 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 |

## Wind-EX RTK-1

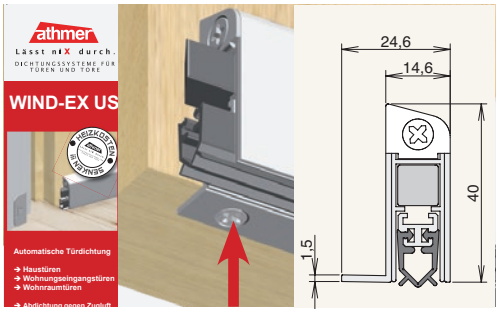
¬ With integral rainwater drip edge




| | | | |
|---|---|---|---|
| | 18,5 x 44 mm | | |
| | Single actuation | | |
| | ①②③ (refer to page 80) | | |
| | PVC | | |
| | 11 mm | | |
| | 235 mm (cannot be shortened) | | |
| | 735, 860, 985, 1,110 mm | | |
| | 1,335 mm | | |
| | 125 mm | | |
| | 1-465<br>RAL 9016 | 1-466<br>C-0 | 1-467<br>C-34 |

## Wind-EX US

¬ No visible damage to door

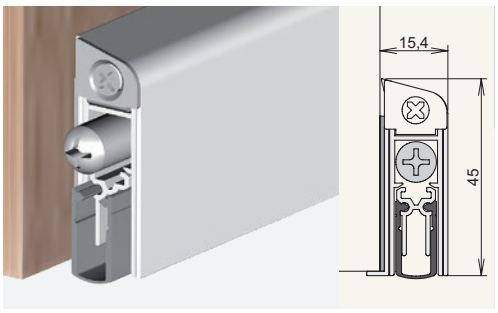



**Technical data**

| | | | |
|---|---|---|---|
| Overalldimensions H x W | 14.6 x 40 mm | | |
| Actuation | Single actuation | | |
| Fixing options | ①②③ | | |
| Sealing profile material | PVC | | |
| Travel | 11 mm | | |
| Minimum 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 |

## Wind-EX A

¬ For sticking on



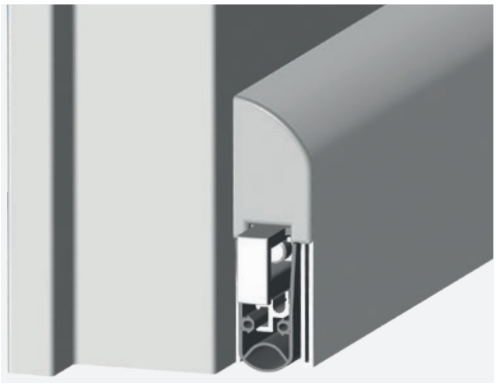

| | | | |
|---|---|---|---|
| | 15.4 x 45 mm | | |
| | 1-sided, opening face | | |
| | ③④ | | |
| | Silicone | | |
| | 11 mm | | |
| | 235 mm (cannot be shortened) | | |
| | 735, 860, 985, 1,110 mm | | |
| | 1,335 mm | | |
| | 125 mm | | |
| | 1-819<br>RAL 9016 | 1-812<br>C-0 | 1-813<br>C-34 |

# Schall-Ex® L-15 FS

**The best sound insulation**

**for retrofitting**

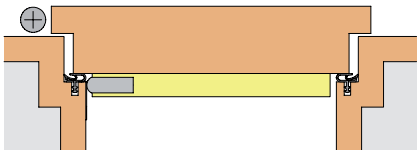
- For sealing heights up to 20 mm
- Snap-on cover profile
- Concealed screws
- Increased stability of form in the door r ebate area
- Optimal corner connection
- Easy handling with shortened seal length



**Surface finish**

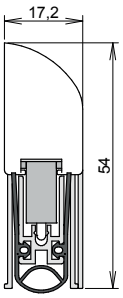
- Stainless steel-coloured, anodised C-31
- Silver-coloured, anodised C-0
- White RAL 9016

**Fixing**



**Technical data**

| | | | |
|---|---|---|---|
| Overalldimensions H x W | 54 x 17.2 mm | | |
| Actuation | Single actuation | | |
| Sealing profile material | Silicone, self-extinguishing | | |
| Travel | 20 mm | | |
| Minimum length (cannot be shortened) | 370 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<br>C-31 | 1-884<br>C-0 | 1-888<br>C-34 |
| Accessories (included in delivery) | Art. no. 5314<br>including stainless steel press plate | | |

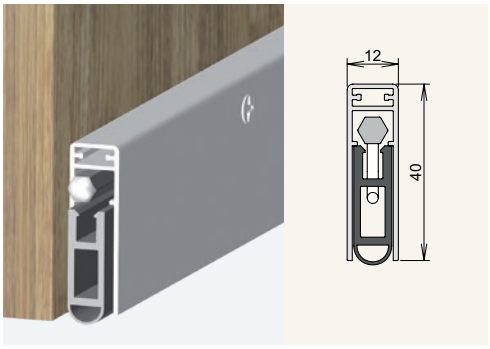





The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

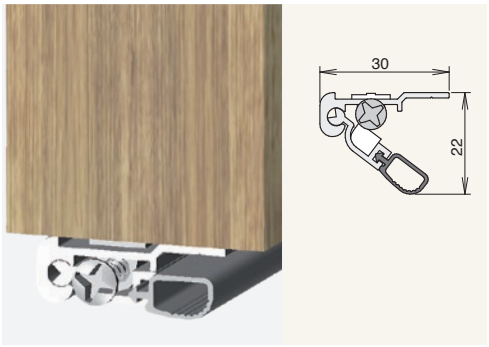
## Kältefeind® Allround

- The classic seal on the market
- Proven over more than 50 years
- Surface: silver-coloured, anodised
- With **3** possible fixing configurations
- Individually-packed

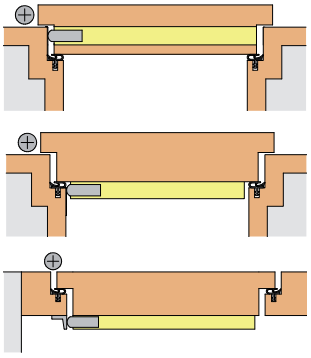



## Luftstopp

- 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

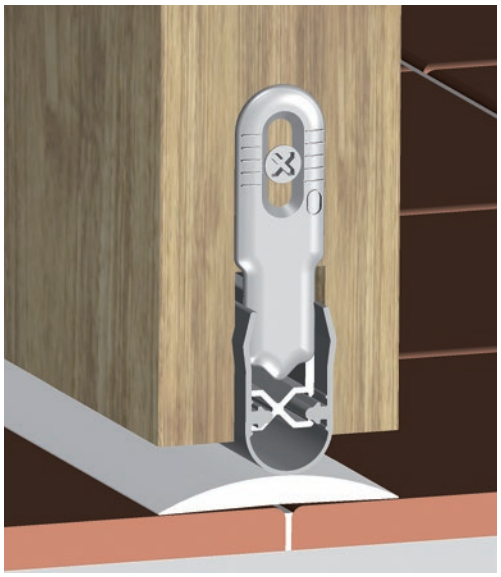


### Technical data

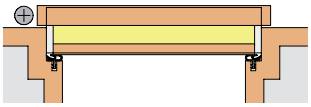
| | Kältefeind® Allround | Luftstopp | |
|---|---|---|---|
| Overalldimensions H x W | 40 x 12 mm | 10 x 30 mm | |
| Actuation | Single actuation | Single side,actuator screw | |
| Sealing profile material | PVC | PVC, self-extinguishing | |
| Travel | max. 18 mm | 12 mm | |
| Minimum length (cannot be shortened) | 310 mm (cannot be shortened) | 200 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 | 1,250 mm | |
| Can be shortened by | 125 from 708 mm | On request | |
| Article number | 1-689 | 1-162 DIN/L | 1-163 DIN/R |
| Accessories (included in delivery) | Art. no. 5128 | Art. no. 5503 including press plate | |

# Tilt seal A-15

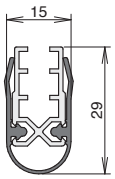
- Wide adjustment range: up to 15 mm
- Easy height adjustment even with uneven floors
- Simplified inventory as it can be shortened



## Fixing



## Technical data




| | |
|---|---|
| Groove width | 15 mm |
| Actuation | Tilt seal |
| Sealing profile material | Silicone (optionally self-extinguishing) |
| Adjustment range | 15 mm |
| Minimum 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 |



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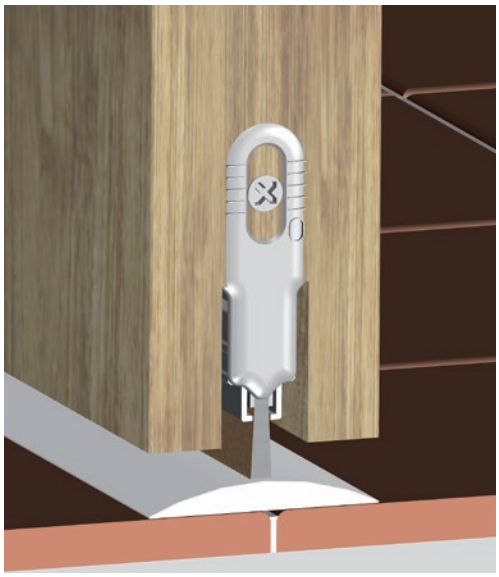
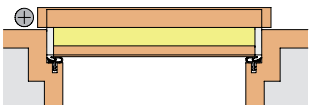
# Tilt seal B-12

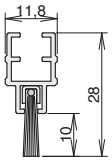
- Fast installation and easy height adjustment with 2 screws
- Highly rigid aluminium profile
- Optimal performance in conjunction with Athmer threshold



## Fixing



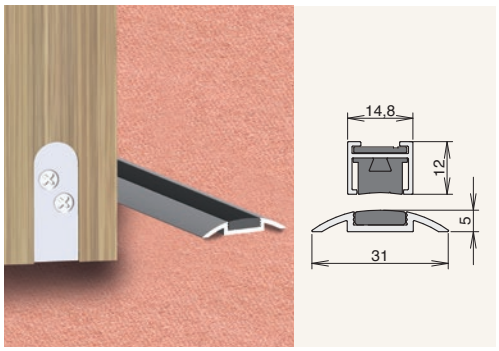
## Technical data




| | |
|---|---|
| Groove width | 12 mm |
| Actuation | Tilt seal |
| Sealing profile material | Polyamide, black |
| Adjustment range | Adjustment range: 10 mm |
| Minimum 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 |

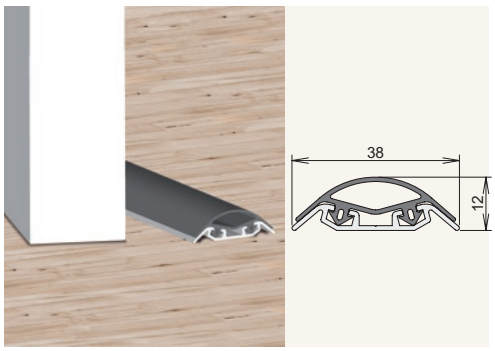
## Magnetomat

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

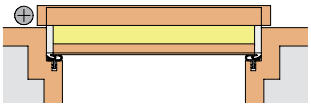



## Threshold seal TS-88

- 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 | |
| Minimum 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 | 3-134<br>black |



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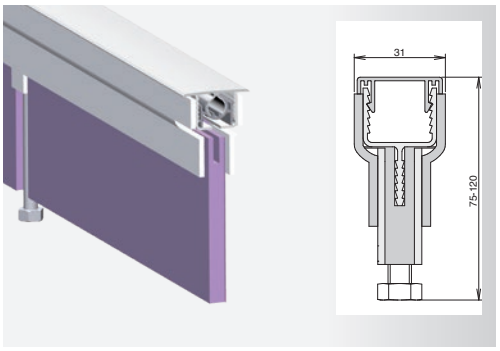
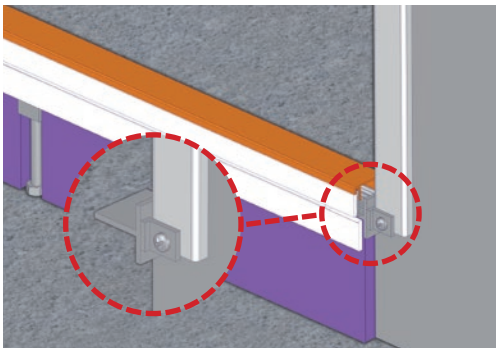
## Screed Separation ETS

- Lateral fixing for steel frames

with floor recess

- Acoustic barrier
- Thermal barrier against the cold



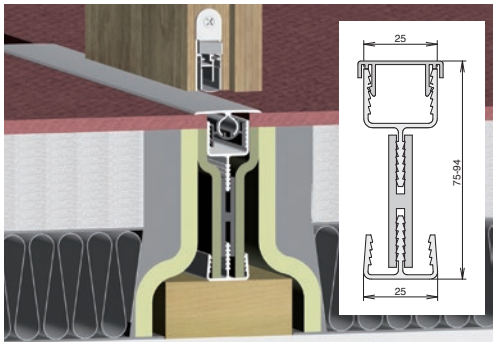



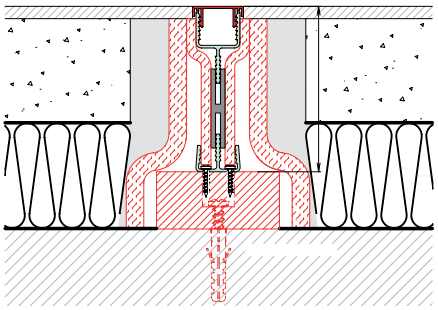
## Screed Separation ETB-94

- For fixing to concrete floor

(building shell)

- Acoustic barrier
- Thermal barrier against the cold



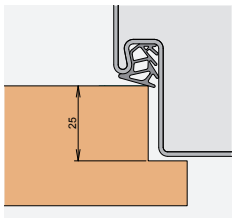



### Technical data

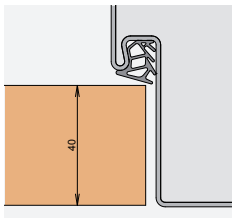
| | | |
|---|---|---|
| Installation height | up to 120 mm | up to 94 mm<br>( > 94 mm with customer-supplied spacer) |
| Material | Housing = aluminium | Housing = aluminium |
| Maximum length | 3,000 mm | 3,000 mm |
| Standard lengths | 715, 840, 965, 1,090, 1,215 mm | 715, 840, 965, 1,090, 1,215 mm |
| Fixed lengths | Available | Available |
| Minimum length | None | None |
| Floor recess | 35 mm min. | |

# Screed separation ETS

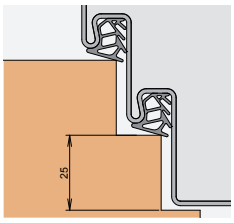
- 3 standard types. Further versions on request.




**ETS-40F**
Standard rebate




**ETS-40S**
Without rebate

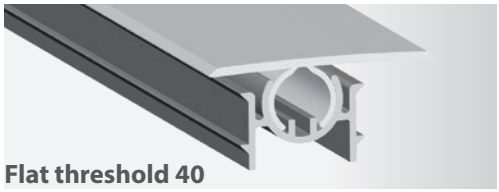



**ETS-65F**
Double rebate

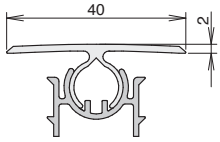
**Options**

# Thresholds for ETB-94 / ETS

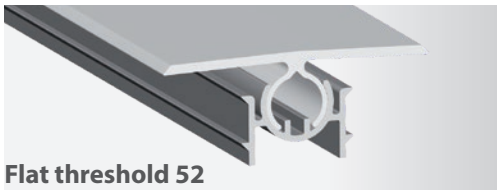
- Seals and thresholds optimally matched, providing a good seal
- Easy installation through clip-on threshold fixing
- Concealed and hygienic fixing



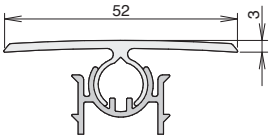
**Flat threshold 40**




Art. no. 3-199

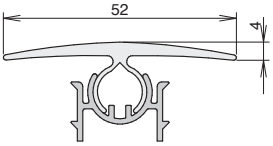


**Flat threshold 52**




Art. no. 3-194

**Half-round threshold 52**




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 |



The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

**Optimal performance of seal!**

## For carpets

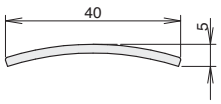
- Up to 22 dB better sound reduction
- Partition of the carpet recommended

## For tiled floors

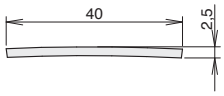
- Smooth contact surface is created
- Joints are sealed

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

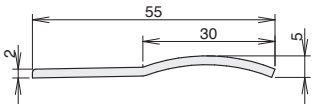
**Stainless steel threshold 164**
Art. no. 3-107



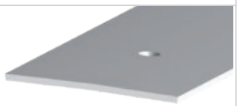
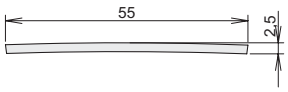

**Stainless steel threshold 365**
Art. no. 3-135




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

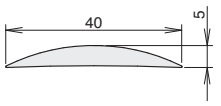



**Stainless steel threshold 513**
Art. no. 3-150

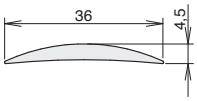




**Aluminium**
Silver-coloured, anodised Optionally: Anodised shades according to EURAS

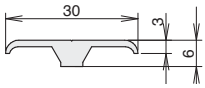
**Aluminium threshold 090**
Art. no. 3-111



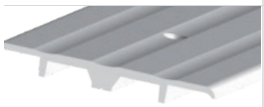
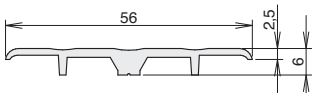

**Aluminium threshold 253**
Art. no. 3-114



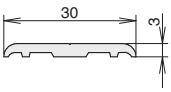

**Aluminium threshold 088**
Art. no. 3-117



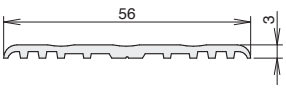

**Aluminium threshold 277**
Art. no. 3-104

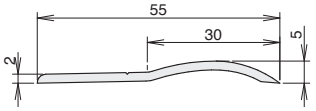

**Aluminium threshold 308**
Art. no. 3-120



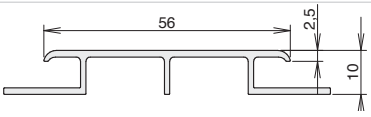

**Aluminium threshold 278**
Art. no. 3-108



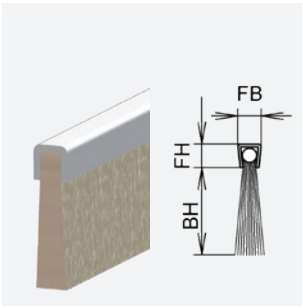

**Aluminium threshold 217**
Art. no. 3-100



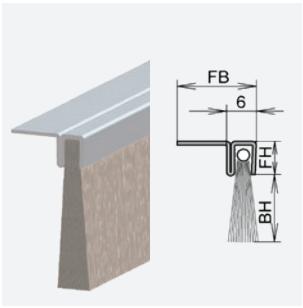

**Aluminium threshold 496**
Art. no. 3-152



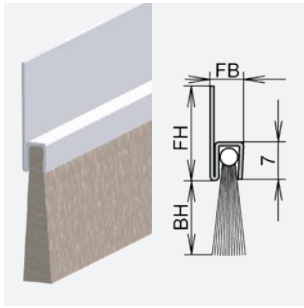

- Thresholds (aluminium and stainless steel) available with or without drill holes




**For in-groove mounting**




**Screw-under**




**Screw-on**

## Nirobros

- Carrier profile: Stainless steel

## Alubros

- Carrier profile: Anodised aluminium

**Technical data**

| Type | NE 4.0 | NE 4.0 | AU 18-9 silver | AU 18-9 silver | AA 25-8 silver | AA 25-8 silver |
|---|---|---|---|---|---|---|
| Article number | 4-436 | 4-440 | 4-133 | 4-134 | 4-121 | 4-122 |
| Fixing | In-groove | In-groove | Screw-under | Screw-under | Screw-on | Screw-on |
| FB | 4 mm | 4 mm | 18 mm | 18 mm | 8.5 mm | 8.5 mm |
| FH | 4 mm | 4 mm | 10 mm | 10 mm | 25 mm | 25 mm |
| Brush material | Black PA | Horsehair, mixed | Black PA | Horsehair, mixed | Black PA | Horsehair, mixed |
| Max. length | 2,700 mm | 2,700 mm | 2,700 mm | 2,700 mm | 2,700 mm | 2,700 mm |

## Ferrobros

- Carrier profile: Steel, GV

**Technical data**

| Type | FE 4.0 | FE 4.0 | FU 16-7 | FU 16-7 |
|---|---|---|---|---|
| Article number | 4-336 | 4-340 | 4-354 | 4-358 |
| Fixing | In-groove | In-groove | Screw-under | Screw-under |
| FB | 4 mm | 4 mm | 16 mm | 16 mm |
| FH | 4 mm | 4 mm | 7 mm | 7 mm |
| Brush material | Black PA | Horsehair, mixed | Black PA | Horsehair, mixed |
| Max. length | 2,700 mm | 2,700 mm | 2,700 mm | 2,700 mm |

| Type | FA 25-6 | FA 25-6 | FA 40-9 |
|---|---|---|---|
| Article number | 4-306 | 4-310 | 4-324 |
| Fixing | Screw-on | Screw-on | Screw-on |
| FB | 6 mm | 6 mm | 9 mm |
| FH | 25 mm | 25 mm | 40 mm |
| Brush material | Black PA | Horsehair, mixed | Black PA |
| Max. length | 2,700 mm | 2,700 mm | 2,700 mm |



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| Properties | Natural bristles | Synthetic bristles |
|---|---|---|
| | Horsehair, mixed | Polyamide PA 6.0 black |
| Max. water absorption | Not suitable for continuous stress | 10 % |
| Abrasion behaviour | + | ++ |
| Resilience | ++ | ++ |
| UV resistance | +++ | ++ |
| Temperature range | -20°C to +150°C | -20°C to +100°C |
| Electric conductivity | ++ | ++ |

\+ = poor
++ = medium
+++ = good

### Tolerances

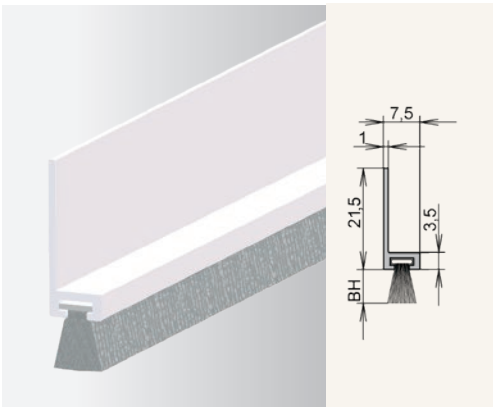
| Type | Lengths | Mounting height | Brush height | Mounting width | Total height |
|---|---|---|---|---|---|
| In-groove NE 4 + FE 4 | +/- 2 mm | + /- 0,7 mm | +/- 1 mm | + 0,7/- 0,5 mm | +/- 1 mm |
| FA 25 + FU 16 screw-on and screw-under | +/- 2 mm | +/- 2 mm | +/- 2 mm | +/- 0,7 mm | +/- 2 mm |
| Screw-on and screw-under FA 40 | +/- 2 mm | + 3/-2 mm | +/- 3 mm | +/- 1 mm | +/- 3 mm |
| Screw-on and screw-under AU + AA | +/- 2 mm | +/- 0,25 mm | +/- 2 mm | +/- 0,25 mm | +/- 2 mm |

## KU III

**Technical data**

- Carrier profile: Plastic, white or brown

| Type | KU III white | KU III brown |
|---|---|---|
| Article number | 332 | 333 |
| Fixing | Screw-on | Screw-on |
| FB | 7,5 mm | 7,5 mm |
| FH | 21 mm | 21,5 mm |
| Brush material | Grey PP | Grey PP |
| Brush height (min./max.) | 7 mm | 7 mm |
| Max. length | 2,400 mm | 2,400 mm |




## SUPER brush seal

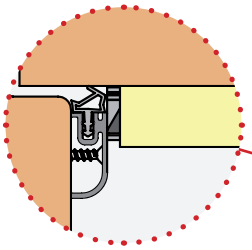
- Flexibly mounted
- Flat aluminium adhesive carrier profile

**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 / shrink wrap tubing | |
| Article number | 33007 white | 33008 brown |

# Applic Set "Allround seal"

- 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**

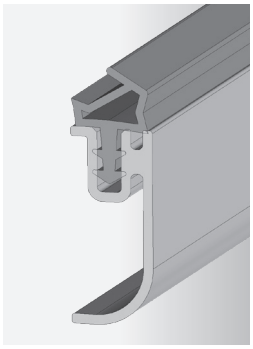
Set for a door up to 2 x 1 mcomprising:

- 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)

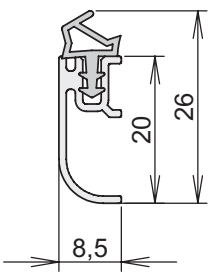
# Unitherm FAS-20

- 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 profilecolour | Grey / brown / transparent | | |
| Holding railmaterial | Aluminium | | |
| Alternative finishes | Anodisedsurfaces according to EURAS | | |
| | Colour-coated as per RAL | | |



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## Unitherm I

- Seals and insulates existing doors

## Unitherm II HG

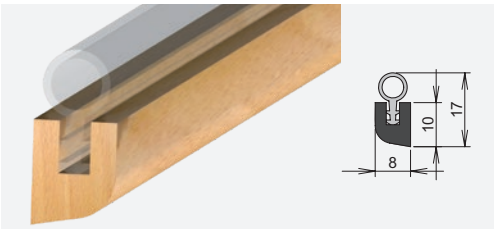
- Seals and insulates existing doors

**Technical data**

| | | |
|---|---|---|
| Standardlength | 2,100 mm | 2,100 mm |
| Article number | 319 200 | 319 000 |
| Sealing profile material | TPE | PVC |
| Sealing profile colour | Brown | Transparent |
| Holding rail material | Beechwood | Beechwood |
| Holding railcolour | Beech | Beech |
| | Further colours and profiles with a minimum of 800 m available upon request. | Further colours and profiles with a minimum of 800 m available upon request. |

## Unitherm II HK

- Seals and insulates existing doors




## Unitherm XIII

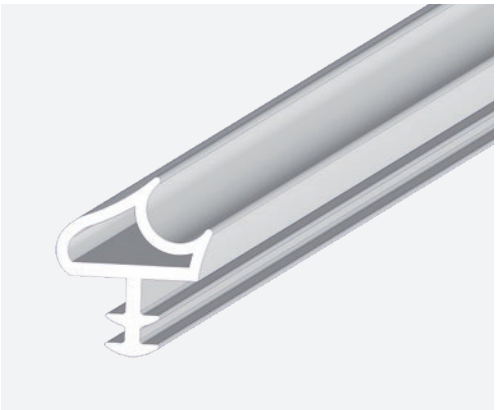
- Seals and insulates existing doors

**Technical data**

| | | |
|---|---|---|
| Standardlength | 2,100 mm | 2,100 mm |
| Article number | 319 001 | 319 080 |
| Sealing profile material | PVC | PVC |
| Sealing profile colour | Transparent | Transparent |
| Holding rail material | Beechwood | Aluminium |
| | Further colours and profiles with a minimum of 800 m available upon request | Further colours and profiles with a minimum of 800 m available upon request |

# T-Dicht

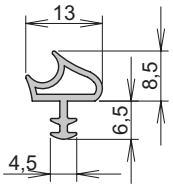
- Acoustic door seal made of high-grade thermoplastic for wooden frames
- Sound insulation up to 48 dB



**Technical data**

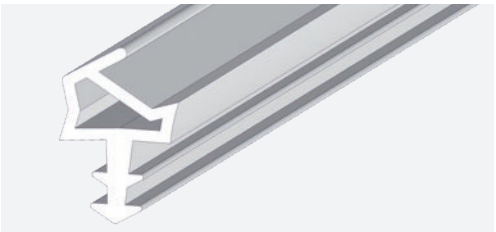
| | | |
|---|---|---|
| Length / Bundle | 25 m | |
| Article number | 391 105 | 395 105 |
| Material | TPE | |
| Colour | Brown | White |

Custom colours available starting at a length of 800 m



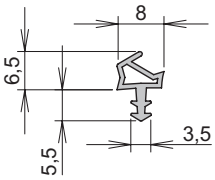

# F-Dicht

- Especially suitable for doors and French doors



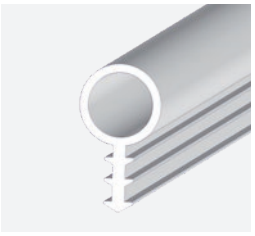
**Technical data**

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



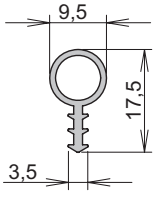

# Sili I / Sili II

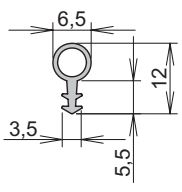
- Especially suitable for doors and French doors



**Technical data**

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



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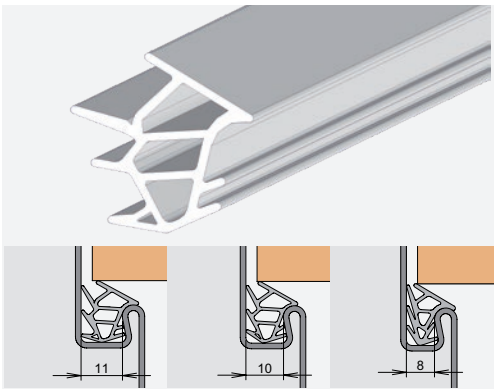
## ZD Universal

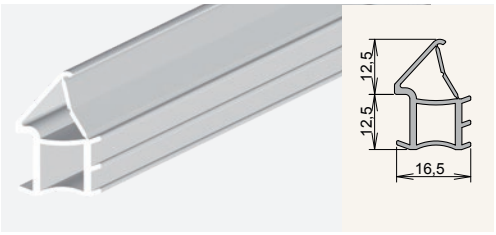
- Ideal for dealers' stocks
- Steel frame seal for different groove widths
- As replacement for many well-known frame seal brands
- Groove width 11 mm
- Hinge diameter 3 - 7 mm




**Technical data**

| Type | | | |
|---|---|---|---|
| | | | |
| Article number | ZD Universal | ZD 370 025 | ZD 370 235 |
| Length / Bundle measuring | 370 300 | 370 025 | 370 235 |
| Material | 5 m | 5 m | 5 m |
| Colour | TPE | TPE | TPE |
| | Grey (Custom colours available starting at a length of 800 m) | | |

## ZD Slide - 12/12



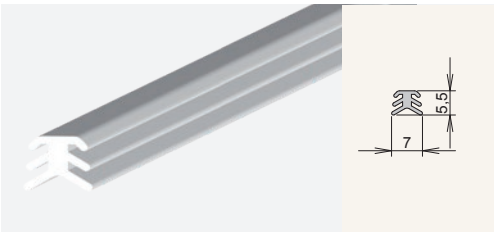

**Technical data**

| | |
|---|---|
| Standard length | Available by themetre |
| Article number | 210 |
| Sealing profile material | Silicone |
| Sealing profile colour | Grey |

## Unitherm Slide 22/22

| | | |
|---|---|---|
| 2,000 mm | 2.500 mm | |
| 319 050 | 319 051 | |
| Silicone + beechwood | | |
| Grey | | |

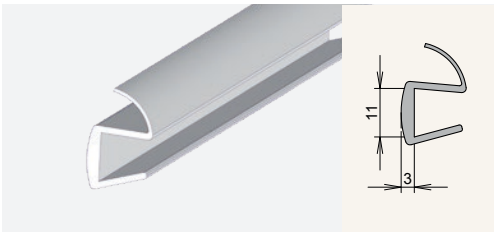
## Slide 5 for VHH



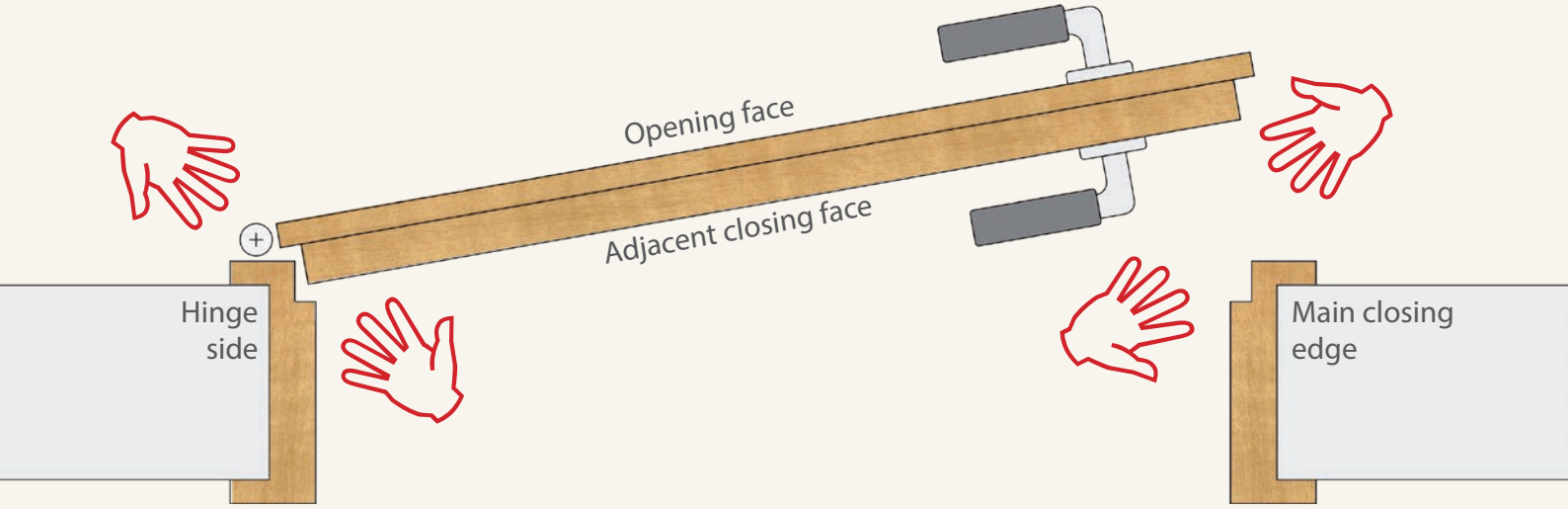

**Technical data**

| | |
|---|---|
| Standard length | Available by themetre |
| Article number | 284 |
| Sealing profile material | Silicone |
| Sealing profile colour | 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 of the premises. 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:

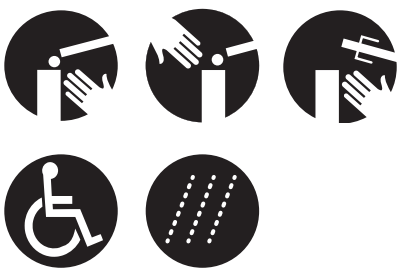
**Finger protection in child daycare centres**

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 Fingerschutz® products offer the ideal
solution.

**Finger protection for fire doors**

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

Further information can be found at:
**www.athmer-fingerschutz.de**





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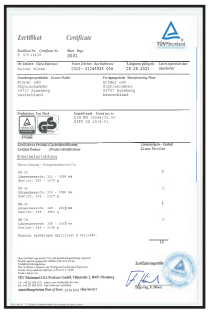
**Product family**

# Athmer Fingerschutz®

**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

**Tested quality**



MATERIALPRÜFUNGSAMT NORDRHEIN-WESTFALEN

PRÜFZERTIFIKAT
Nr. 120004100

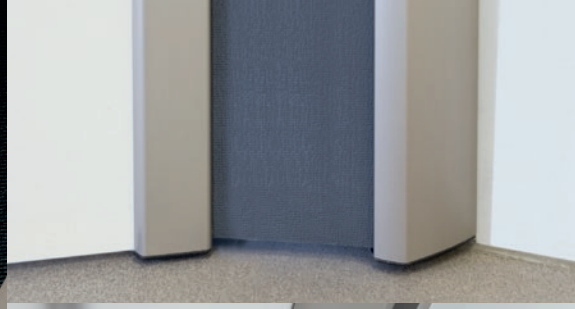
„ATHMER FINGERSCHUTZ"

1.000.000 Prüfzyklen

TÜVRheinland ZERTIFIZIERT
www.tuv.com
ID 1111209885

GS geprüfte Sicherheit

- Test certificates available upon request or online at: www.athmer-fingerschutz.de



# 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 robust 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 attachment 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)**

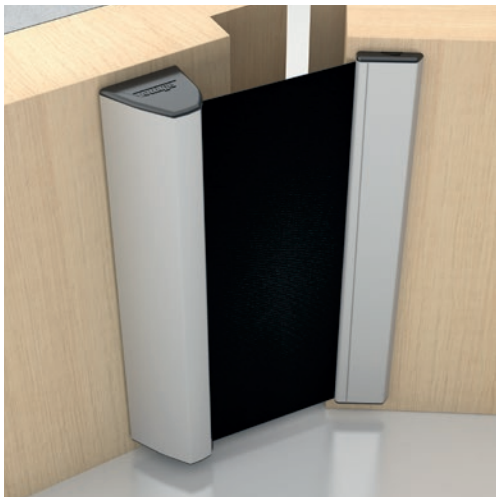
- Force-deflecting element as additional protection for the door and frame

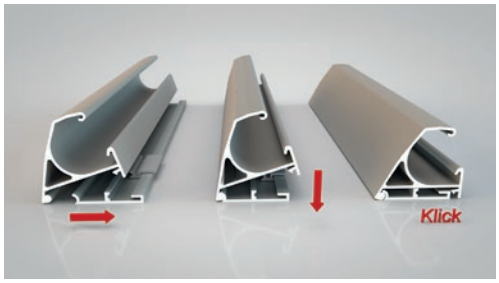
**MAINTENANCE and CLEANING through simple unlocking**

- Problem-free hinge maintenance, seal adjustment possible

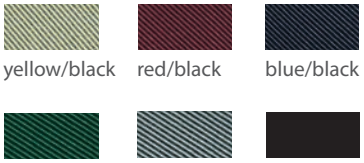
# NR-32 UniSafe®

- 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 travel length for:
  - Fabric, black
  - Fabric, w-proof variant
- Optional: **Ram protection** in the lengths 500 mm, 960 mm, 1,923 mm






**Fabric colour**



yellow/black | red/black | blue/black | green/black | white/black | black

anthracite / w-proof in external use

**Standard profile colours** without additional cost

C-0 | RAL 7016 | RAL 9016

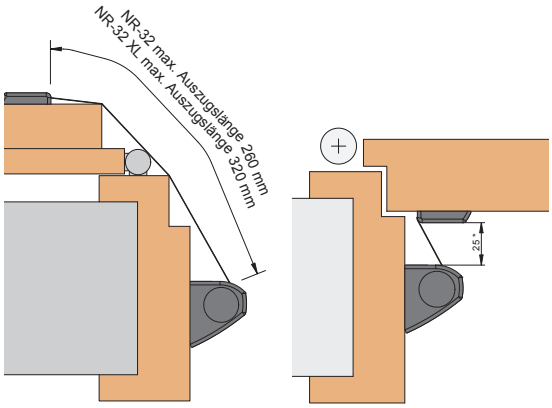
Further colours on request.

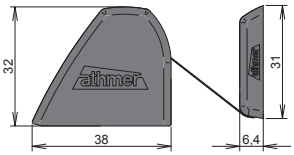
**Special profile colours**

C-31 | RAL 6005 | RAL 3020 | RAL 7030 | RAL 9006

**Technical data**

| | |
|---|---|
| Reduction in door clearancewidth | 32 mm |
| Max. Lengths | 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

# NR-26 w-proof

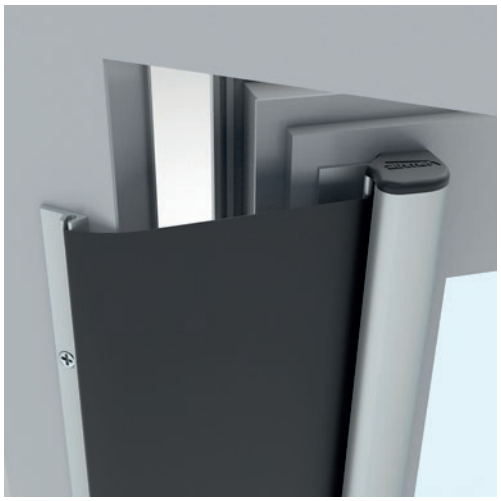
- Protective roller blind

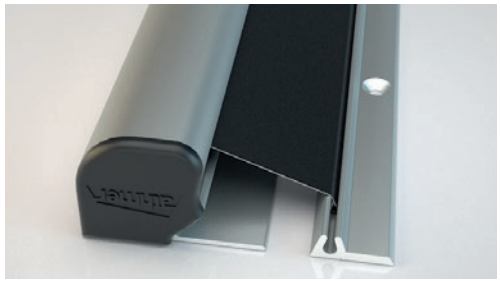
  Protective roller blind
- Weatherproof
- Temperature range -20 to +50 °C
- - Resistant to rain, snow,

  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 |
| Travel length: | 260 mm |





## Fabric colour

anthracite

## Profile colour

C-0 | C-31 | RAL 9016 | RAL 3020

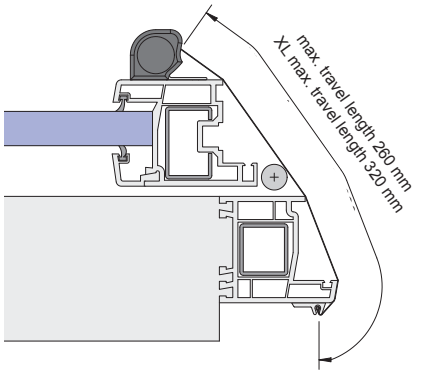
RAL 6005 | RAL 7030 | RAL 7016 | RAL 9006

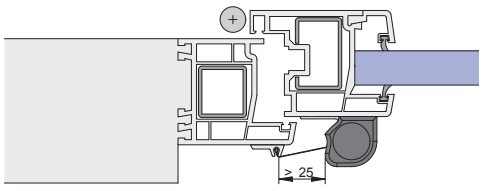
Further colours on request.

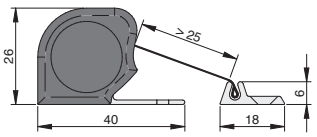
* Length supplied for standard doors in accordance with DIN 18101 with BR2000. For doors with BR2125, we recommend that you order a length of 2,050 mm.
**Optional multi-use drill with Ø 3 mm, art. no. 5127

## Technical data

| | |
|---|---|
| Reduction in door clearancewidth | 26 mm |
| Max. Lengths | 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 wooden frames** | 5831 |



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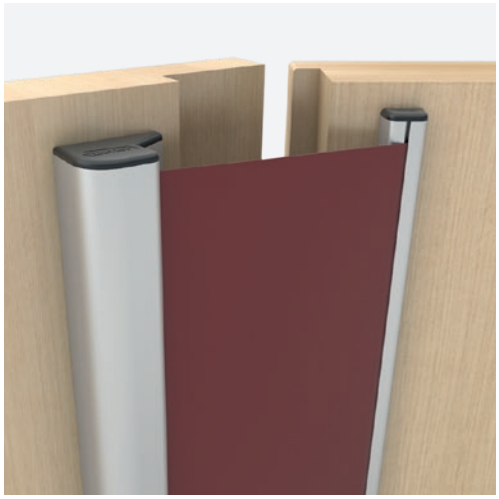
# NR-30

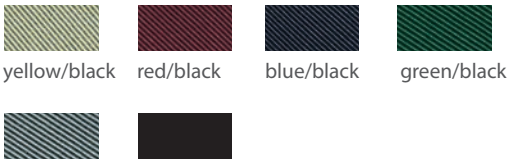
- Easy to install and dismantle
- Protective roller blind
  automatically maintains constant tension
- Innovative design
- Flexible choice of colours
- Concealed snap-on fastening
- Fire retardant synthetic fibre cover
  Synthetic fibre
- Optional: **NR-30 XL** with 320 mm travel length, black fabric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

Verified long-term reliability: 1,000,000

Travel length: 260 mm

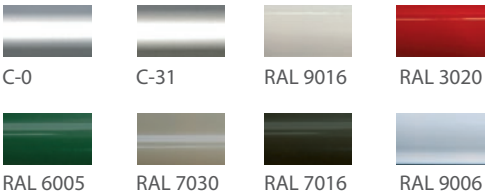


## Fabric colour



yellow/black | red/black | blue/black | green/black | white/black | black

## Profile colour



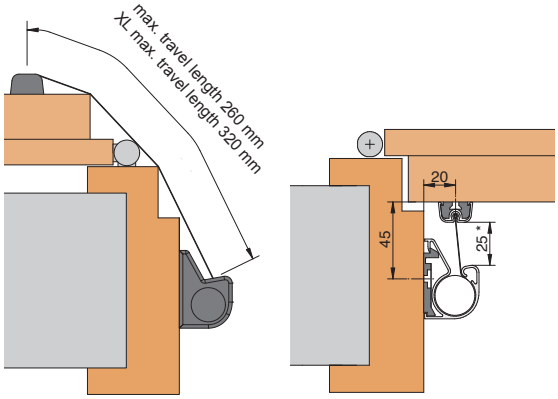
C-0 | C-31 | RAL 9016 | RAL 3020 | RAL 6005 | RAL 7030 | RAL 7016 | RAL 9006

Further colours on request.

* 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

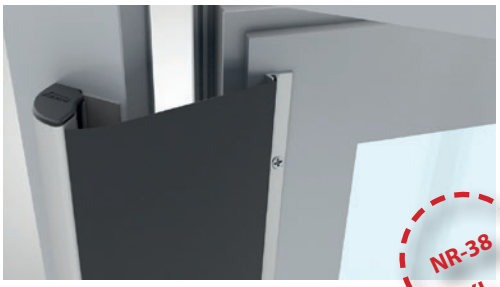
| | |
|---|---|
| Reduction in door clearancewidth | 30 mm |
| Max. Lengths | 2,500 mm |
| Standard length* | 1,925 mm |
| Length for power-operated doors | 2,015 mm |
| Minimum length | 325 mm |
| Fixed lengths | Available |
| Can be shortened by | - |
| Standard accessories | 5825 |
| Accessories for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



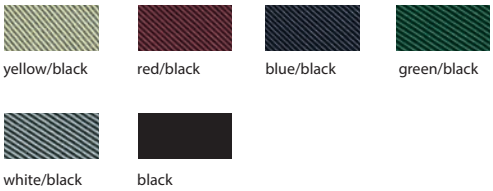
# NR-38

- 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
  travel length, black fabric

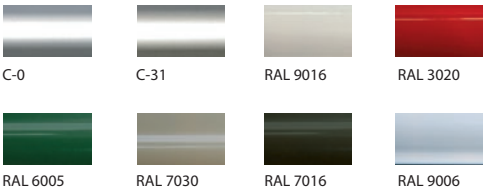
| | |
|---|---|
| Verified long-term reliability: | 1,000,000 |
| Travel length: | 260 mm |




## Fabric colour




## Profile colour

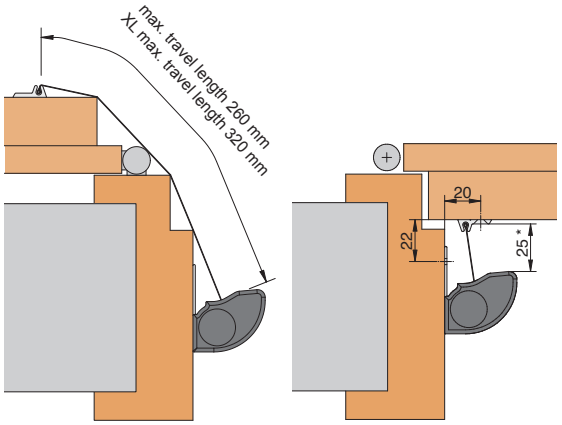


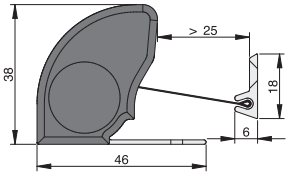

Further colours on request.

* 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 | 38 mm |
| Max. Lengths | 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 |



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# 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 |
| Travel length: | 260 mm |

## Fabric colour

black

## Profile colour

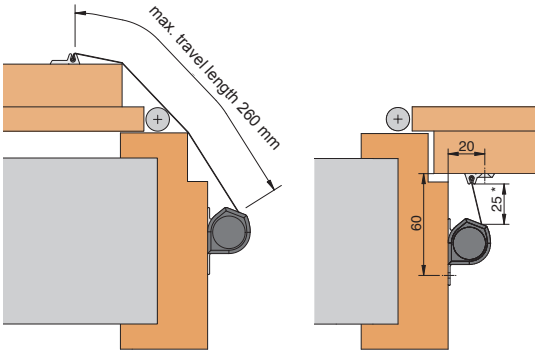
C-0 C-31 RAL 9016

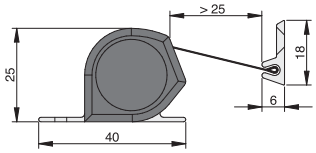
Further colours on request.

## Technical data

* 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

| | |
|---|---|
| Reduction in door clearancewidth | 25 mm |
| Max. Lengths | 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 |



# NA-7

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

| | |
|---|---|
| Verified long-term reliability: | 200,000 |
| Travel length: | 125 mm |

**Cover colour**

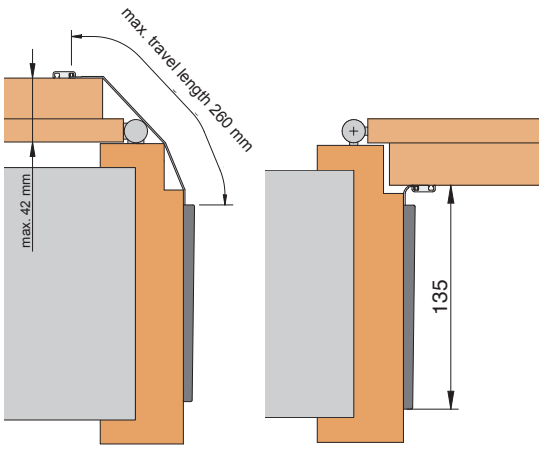
Platinum grey RAL 7036

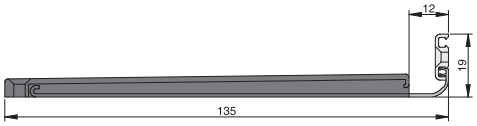
**Profile colour**

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 |



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# Athmer Fingerschutz® 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.

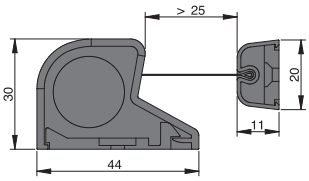
**Retrofitting of existing doors according to ASR A1.7**

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.

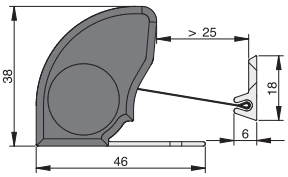
- Standard length for automatic doors: 2,015 mm (NR-32: 2,000 mm)

For outdoor use

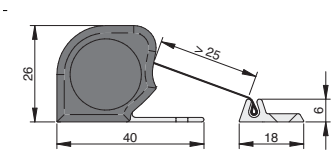
**NR-30**



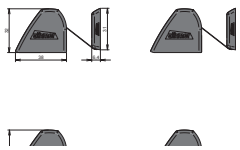

**NR-38**




**NR-26 w-proof**




**NEW! NR-32 UniSafe®**



# Opening side protective profiles

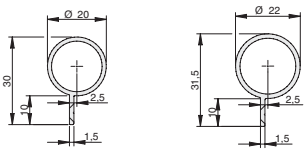
Protective profiles are suitable for safeguarding the hinge side of opening faces.

We recommend these in the form of sets in individual lengths.

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

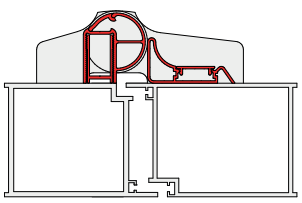
## BO

**BO-20, BO-22**



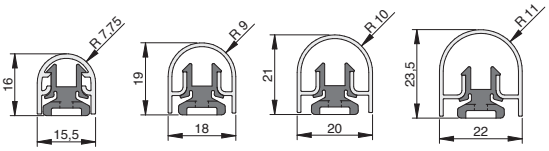

## NEW: BA-28

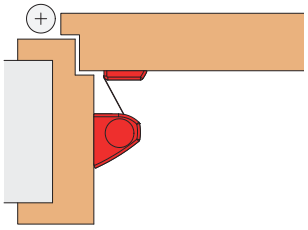
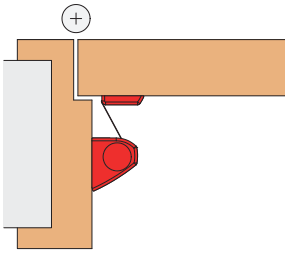
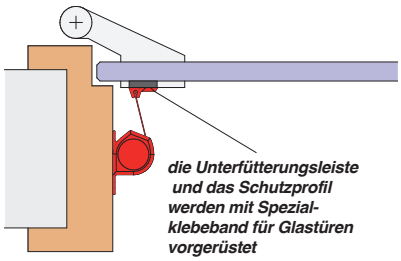
**BA-28**

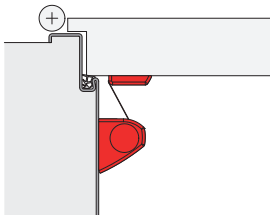
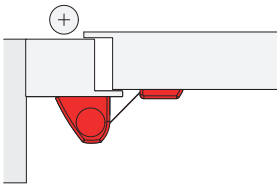
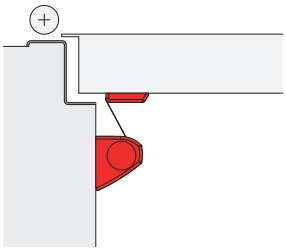


## BU-K

**BU-16K, BU-18K, BU-20K, BU-22K**



| Frame | Wooden wrap-around frame | Wooden wrap-around frame | Wooden wrap-around frame |
|---|---|---|---|
| **Door leaf** | Wood, with rebate | Wood, without rebate | All-glass |
| **Door geometry** |  |  |  |
| **Type NR-38** | ✔ | ✔ | ✔ |
| **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** | ✔ | ✔ | ✔ |
| **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



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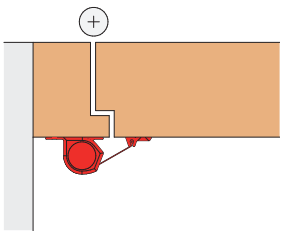
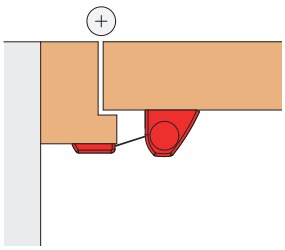
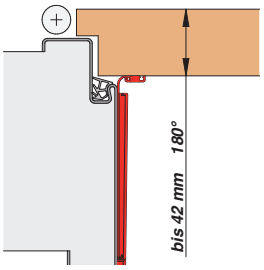
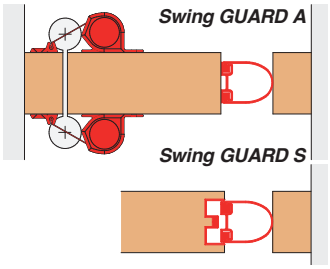
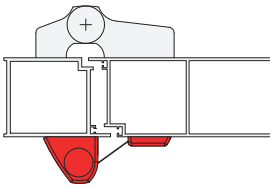
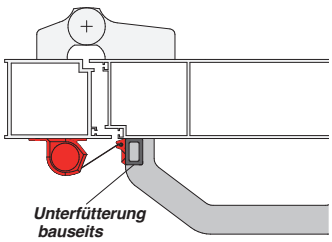
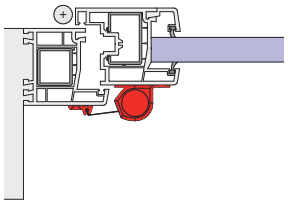
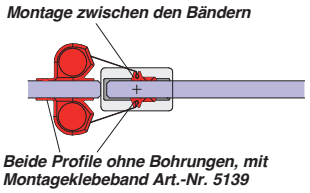
| Wooden<br>blocklock frame | Wooden<br>block frame | Steel<br>wrap-around frame | Reveal frame |
|---|---|---|---|
| Wood, with rebate | Wood, without rebate | Wood, with rebate | Double-swing door |
|  |  |  |  |
| ✔ | ✔ | ✔ | - |
| ✔ | ✔ | ✔ | ✔ |
| ✔ | ✔ | ✔ | ✔ |
| - | - | - | - |
| ✔ | ✔ | ✔ | ✔ |
| ✔ | ✔ | ✔ | ✔ |

| Reveal frame | Reveal frame | Reveal frame | Glass wall |
|---|---|---|---|
| Aluminium profiled door,<br>flush fit | Profiled door with bar handle,<br>flush fit | Plastic profiled door,<br>recessed | All-glass |
|  |  |  |  |
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| ✔ | ✔ | ✔ | ✔ |
| ✔ | ✔ | ✔ | - |
| ✔ | ✔ | ✔ | - |
| ✔ | ✔ | ✔ | ✔ |
| - | - | - | - |

Please note:

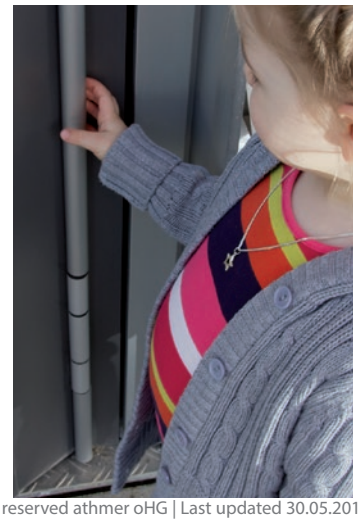
- Our illustrations show standardised installation situations. Please check your particular installation situation on site.
  Please follow the installation instructions provided in the Internet.
- Do not use rising butt hinges.
- Can be mounted on the frame or on the door leaf, as required.

**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





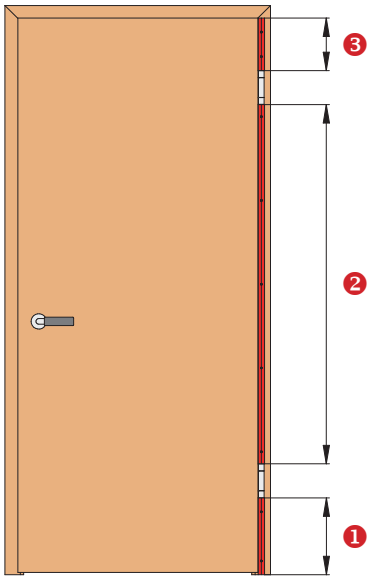
The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

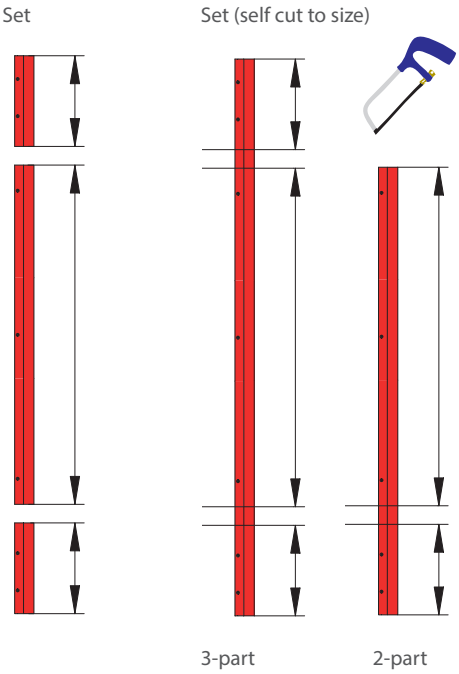
# Sets

- 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 ❶ / ❷ / ❸ |

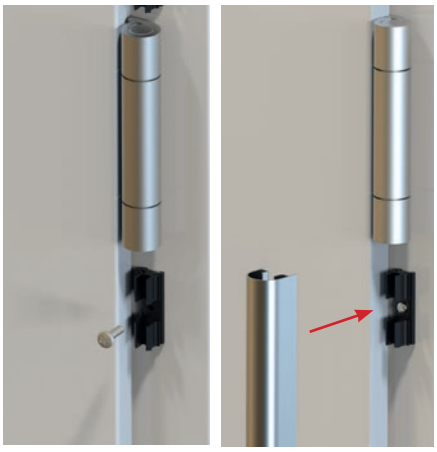
# Snap-on fastening

**for BU-K profiles**

- Concealed fastening
- Easy to install
- For rebated doors
- 3 clips per bag of accessories

  Art. no. 5431
- Particularly suitable for metal frames

  with additional accessories

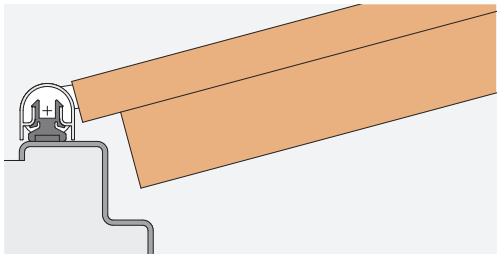


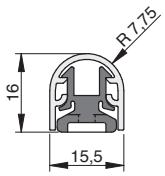
**Application**

# BU-K

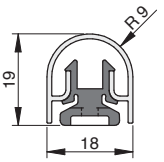
**Protective profiles for rebated doors**

- Concealed snap-on fastening
- for wooden and metal frames
- Ø15 - 24mm hinge

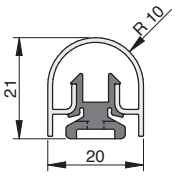




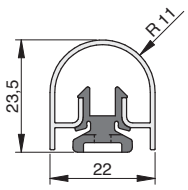

**BU-16K**




**BU-18K**




**BU-20K**

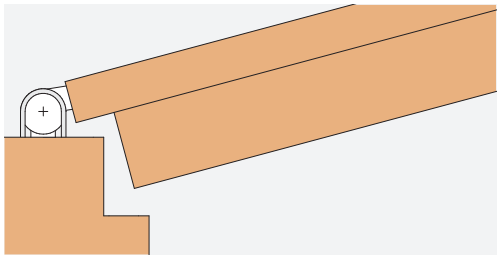


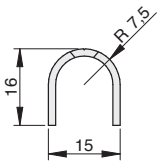

**BU-22K**

# BU

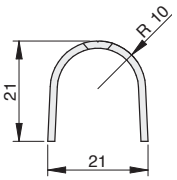
**Protective profiles for rebated doors**

- For wooden frames
- Ø15 - 24mm hinge

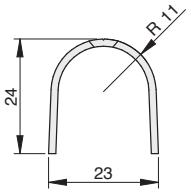





**BU-16**




**BU-20**

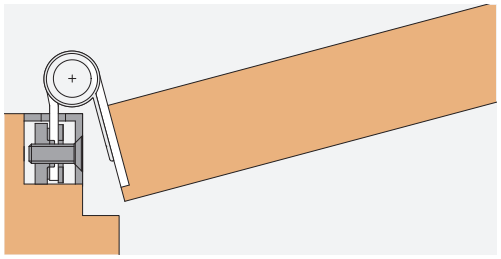


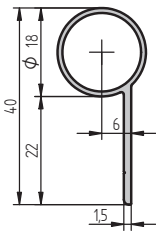

**BU-22**

BD+

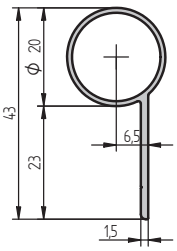
**Protective profiles for doors without rebate with hinges for adjustable retainer elements**

- Ø15 - 24mm hinge

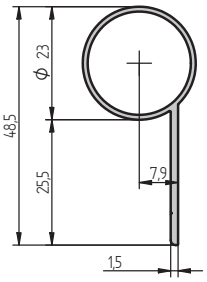





**BD+-18**




**BD+-20**

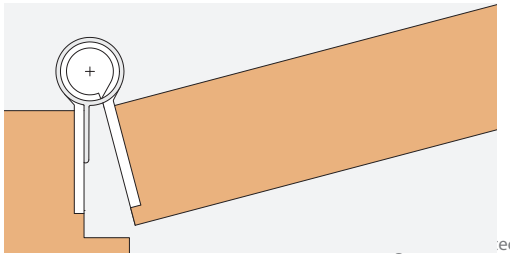


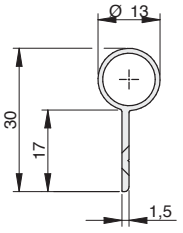

**BD+-23**

# BO

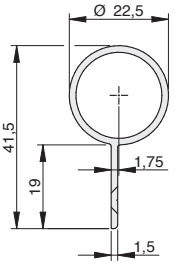
**Protective profiles for doors without rebate with screw-on flap hinges**

- Hinge Ø12 - 14mm, 22 -24mm






**BO-13**




**BO-23**



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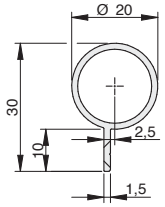
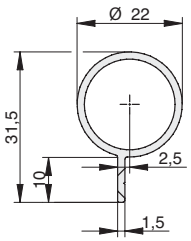
# BO

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

- Ø15 - 23mm hinge

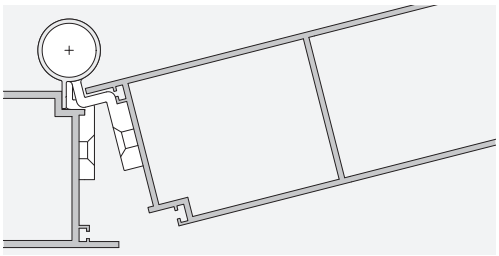


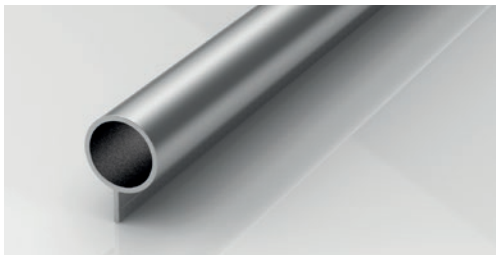

**BO-20**




**BO-22**

**Application**





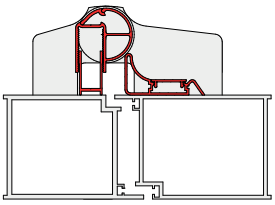
# BA-28

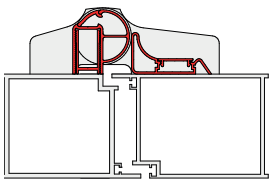
**Protective system BA-28 for surface-mounted hinges on metal doors**

- Variable adjustment
- 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

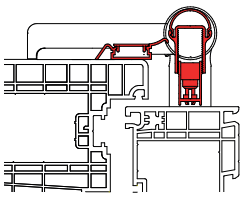
**Protective system BA-22 for surface-mounted hinges on plastic doors**

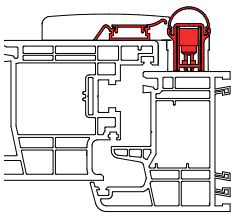
- Variable adjustment
- Standard colour: white RAL 9016; individual colours available
- Concealed screw fixing

**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

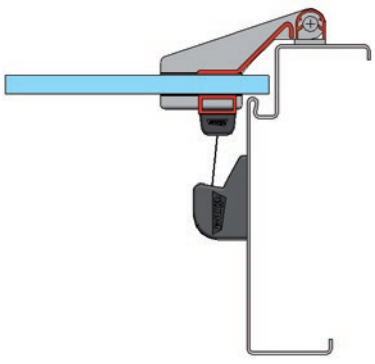


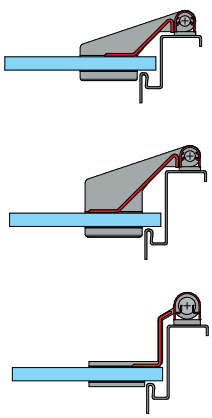


# Athmer Fingerschutz® System solution

**for retrofitting all-glass doors**

- Suitable for all conventional all-glass door hinges
- A combination of Athmer Fingerschutz®
  NR-30 or NR-25 and the new protective profile
  For all-glass doors
- Suitable for wooden or metal frames,
  and glass side elements
- Colour matched to door fittings
- Fixed lengths available
- Standard colour: C-0 and C-31
- The spacer rail and the protective profile are
  pre-fitted with special adhesive tape for glass doors







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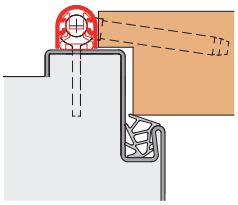
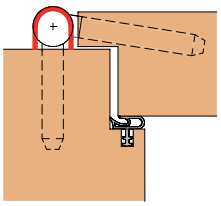
## Hinge Ø 15 - 16 mm

### BU-16K



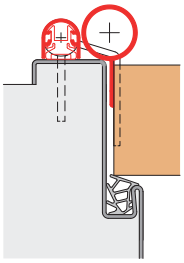
e.g. V 0020

### BU-16



e.g. V 3420

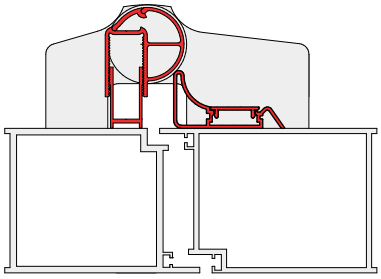
### BU-16K + BO-23



e.g. V 0087

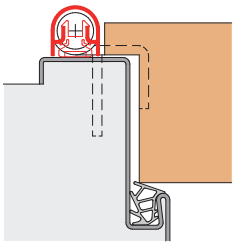
## Surface-mounted hinge

### BA-28



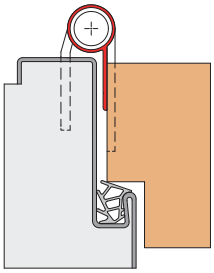
## Hinge Ø 18 mm

### BU-18K



e.g. VX 7939/160 18-3

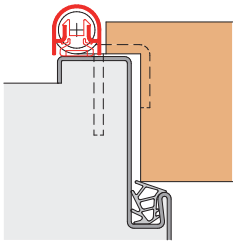
### BD⁺-18



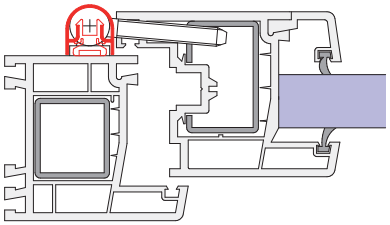
e.g. VX 7729/160 18-3

### BU-18K

Narrow frame surface

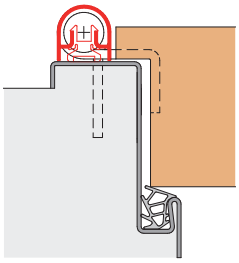


### BU-18K



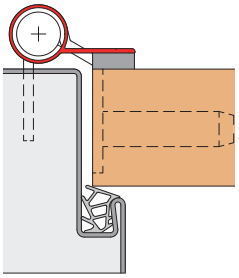
## Hinge Ø 20 mm

### BU-20K



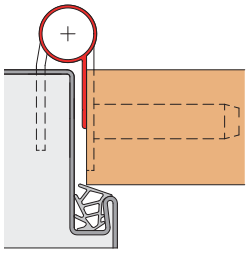
e.g. VX 7939/100

### BD⁺-23



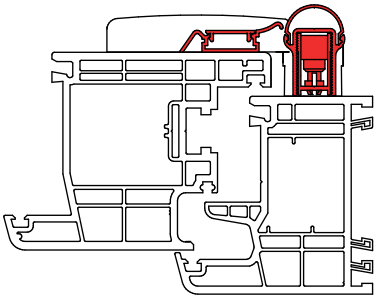
e.g. VN 8849/100

### BD⁺-20



e.g. VX 7729/100

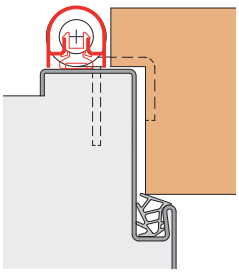
### BA-22



Hinge diameter 21 - 26 mm

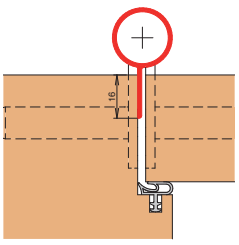
## Hinge Ø 22 - 24 mm

### BU-22K



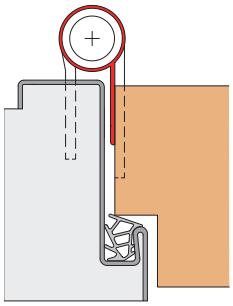
e.g. VX 7939/160

### BO-23



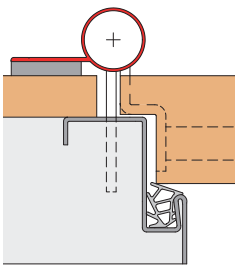
e.g. VN 2929/160

### BD⁺-23



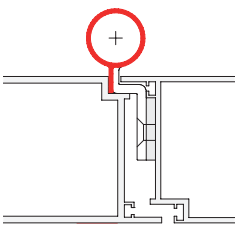
e.g. VX 7728/160

### BD⁺-23



e.g. VX 7859/160

### BO-22



Hinge diameter 22 mm

Please note:

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

# The new HS-25 for main closing edges

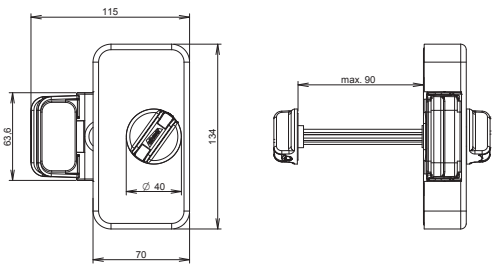
**Door stop with active finger protection**

**Application**

- 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
  - Doors with heavy footfall
  - Doors with door closer (e.g. in toilets)

**Technical data:**

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

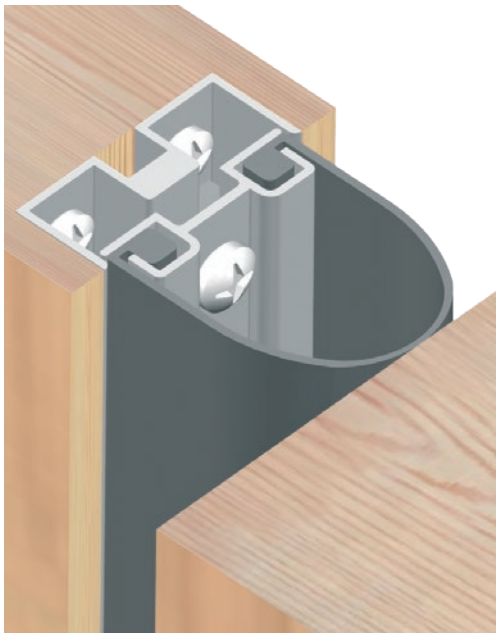





The right to make technical changes is reserved athmer oHG | Last updated 30.05.2018

# SwingGUARD

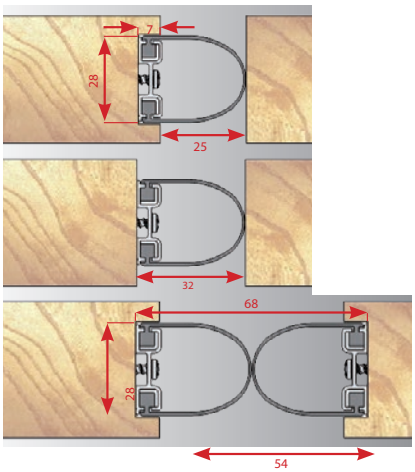
- A for safeguarding and sealing double-swing doors, revolving doors and sliding doors with a track stop or soft-close system
- Concealed fixing
- Quick and easy installation
- Inset or surface-mounted, as required
- Sealing profile made of wear-resistant silicone

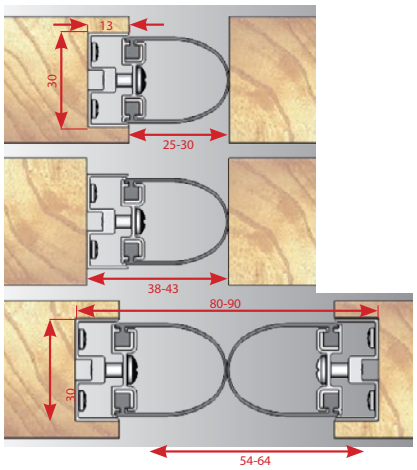


Inset

Surface-mounted

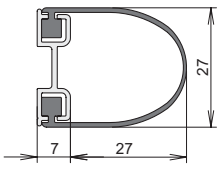
Double-wing, inset



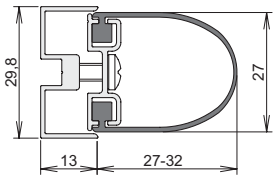




**Cross sections**

**SwingGUARD A**




**SwingGUARD S**

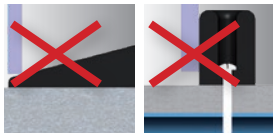



**Technicaldata**

| | | |
|---|---|---|
| Tolerancecompensation | - | vertically up to 5 mm |
| Max. delivery length | On request | On request |
| Standard length | 2,120 mm | 2,120 mm |
| Minimum length | None | None |
| Fixed lengths | Available | Available |
| Can be shortened by | ✔ | ✔ |
| Sealing profile | Silicone, RAL 7043 | Silicone, RAL 7043 |
| Profile material | Aluminium | Aluminium |

7. Door opening restrictor for wooden and glass doors

## Advantages



# The new Porti® family

### For wooden 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

| | Porti® for wooden doors | | | | | | Porti® for glass doors | |
|---|---|---|---|---|---|---|---|---|
| | Hinge width 720 - 1,110 mm | | | Hinge width 610 - 719 mm | | | Hinge width 709 - 959 mm | |
| Frame | Metal / wood* | Wood | Metal frame | Metal / wood* | Wood | Metal frame | Wood | Metal frame |
| Weight of door leaf | 30 kg | 65 kg | 65 kg | 30 kg | 65 kg | 65 kg | 50 kg | 50 kg |
| For retrofitting | x | | x | x | | x | | x |
| Article number | 5312 | 5489 | 5371 | 5313 | 5465 | 5379 | 5487 | 5318 |
| | * Suitable for solid wood door frames only | | | * Suitable for solid wood door frames only | | | | |



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# PORTI® for wooden doors

## Technical data

- 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

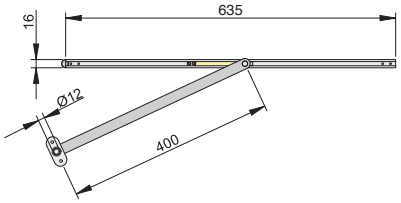
  restrictor

## Application

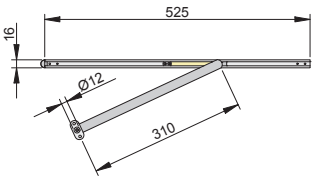
**Up to 30 kg door leaf weight**

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

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



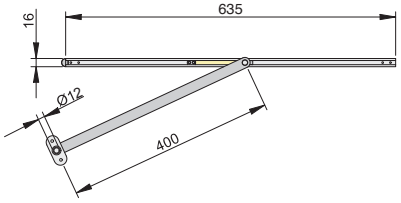

610 mm - 719 mm, art. no. 5313



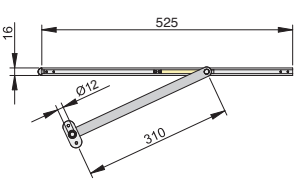

**Up to 65 kg door leaf weight**

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

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

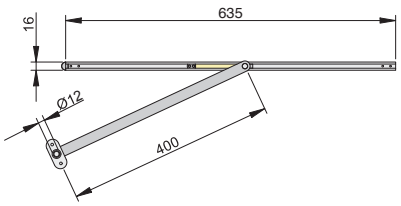



610 mm - 719 mm, art. no. 5379

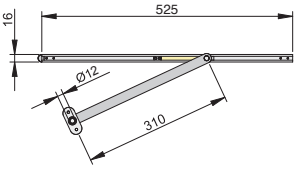


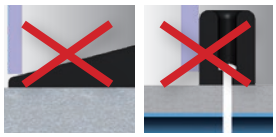

- Set-up possible on wooden frames with a fixing element in the door frame (see next page)
- For door leaf widths of:

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




610 mm - 719 mm, art. no. 5465





# 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

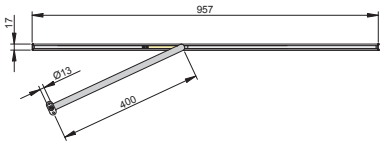
- 10 mm ESG recommended with Office
  hinges and adjustable hinge retainer

## Technical data

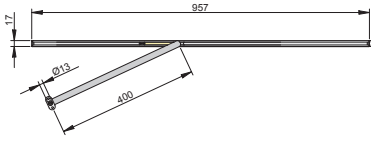
## Application

**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 wooden frames with
  **fixing element**
- For door leaf widths of:
  709 mm - 959 mm, art. no. 5487



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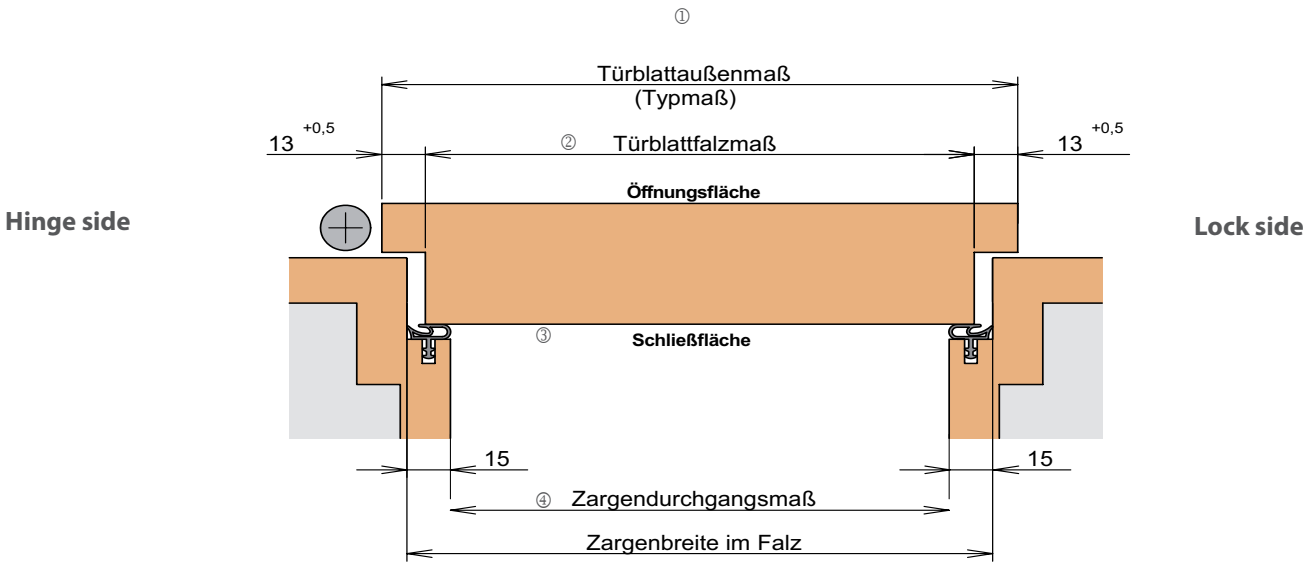
# Seal lengths for doors as per DIN 18101

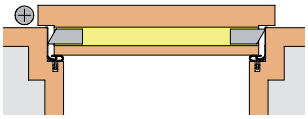



| ① External dimension of door leaf (standard dimension) | 610 | 735 | 860 | 985 | 1.110 | 1.235 | 1.360 | Permissible deviation |
|---|---|---|---|---|---|---|---|---|
| (BRM, DIN 18111) | 625 | 750 | 875 | 1,000 | 1,125 | 1,250 | 1,375 | - |
| ② Door leaf rebate dimension | 584 | 709 | 834 | 959 | 1.084 | 1.209 | 1.334 | +1/-1 |
| Door seal lengths available for automatic door 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 | 1061 | 1186 | 1311 | +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 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

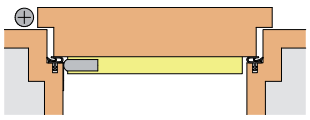
- Installation: in the groove
- Actuator: hinge side and lock side



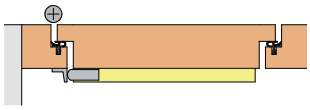
- Installation: in the groove
- Actuator: hinge side and lock side

- Installation: in the groove
- Actuator: hinge side

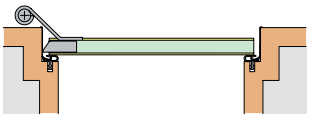
- Installation: in the groove
- Actuator: Lock side

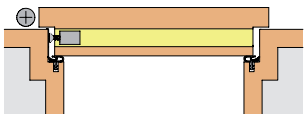


- Installation: screw-fixed to the closing surface
- Actuator: hinge side

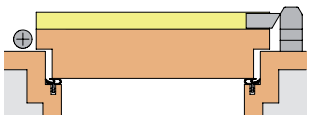


- Installation: screw-fixed to the closing surface
- Actuator: Hinge side with angle pressure bracket

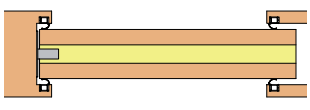




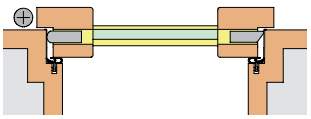
- Installation: in the groove
- Actuator: hinge side

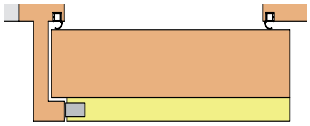


- Installation: screw-fixed to the opening surface
- Actuator: Lock side with pressure block

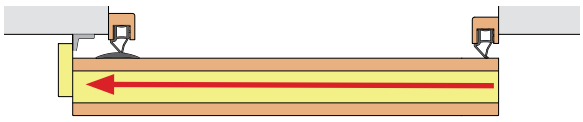


- Installation: in the groove
- Actuator: Lock side





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



- Installation: in the groove
- Actuator: Cable actuator



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# Symbols

- Actuator: hinge side
- Actuator: Lock side
- Actuator: Lock side
- Installation: on the opening surface
- Actuator: hinge side and lock side
- Installation: on the opening surface
- 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 surface
- 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 control

- Fire protection

- Low actuation forces

- Tool-free installation

- Downpour-proof/ w-proof

- Tool-free installation

- Secondary closing edge / opening face

- Secondary closing edge / adjacent closing face

- Main closing edge / adjacent closing face

**Athmer oHG**

Sophienhammer
59757 Arnsberg-Müschede

Tel. +49 2932 477-500
Fax +49 2932 477-100

info@athmer.de
www.athmer.de

Athmer | 4 | 4426 | 06/2016 | BDW