



Professional catalogue 2019.2

Athmer - securely sealed.



ATHMER

The latest technology at the highest level

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

Athmer's automatic door seals support the principles of **sustainable and energy-efficient building**. They reduce CO₂ emissions and make a real contribution to the eco-balance of a building. They also comply with the recommendations regarding barrier-free building and ensure that people who are elderly or have physical disabilities have convenient and safe access to buildings and rooms.

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

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

We focus on sustainability

Calculate the ecological return for your building with the CO₂ climate calculator from Athmer

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



Environmental Product Declaration (EPD) available for automatic door seals

Athmer supports sustainable construction and the ecological evaluation of buildings

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

Endurance test passed with flying colours

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

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

Athmer Technical Centre – The latest technology for concentrated development expertise

Athmer Technical Centre – The latest technology for concentrated development expertise

Athmer supports its customers in the different stages of product development

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

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AUTOMATIC DOOR SEALS for timber doors

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

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

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



Doppeldicht® M-12/35

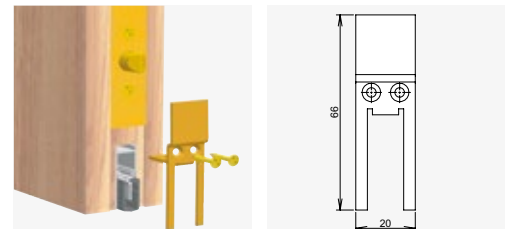
The slimline acoustic door seal

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

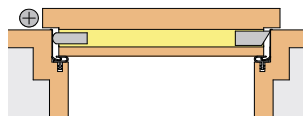


Optional: Special mounting bracket

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

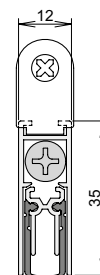


Fixing



Technical data

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



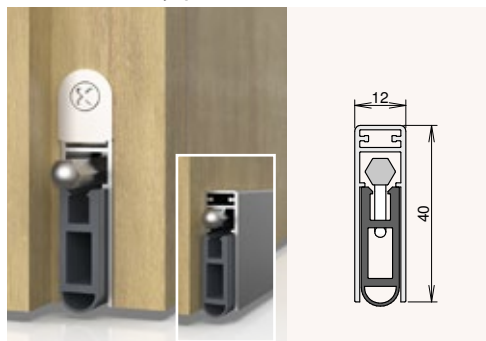
Accessories
(included in delivery)

Art. no. 5220
including stainless steel press plate



Kältefeind® Allround

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

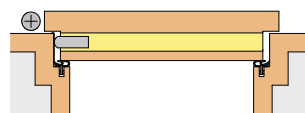
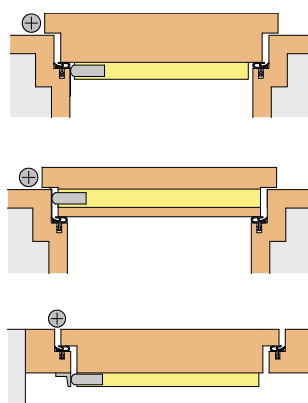


Kältefeind® WS

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



Fixing



Technical data

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

Accessories
(included in delivery)

Art. no. 5128

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

Art. no. 5102



Schall-Ex® Inut

In direct contact with the door groove

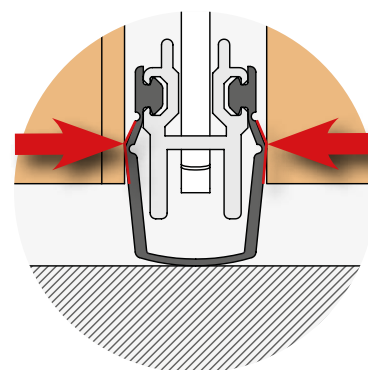
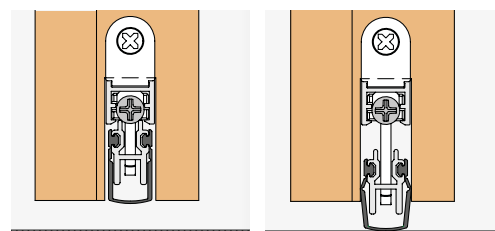
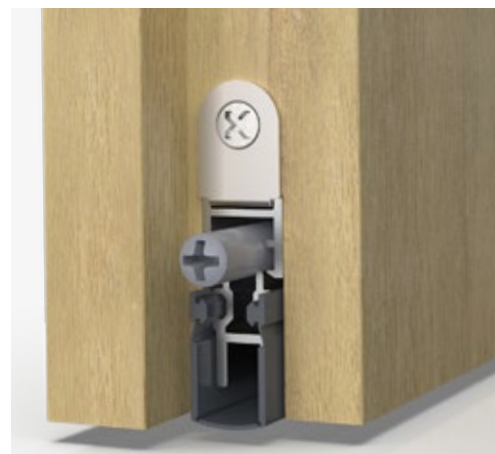
- Lateral seal inside the groove
- Compensates for tolerances in the groove
- Hinge-side actuator for fine adjustment
- Also for double-wing doors

For use with acoustic doors

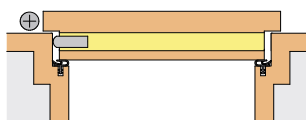
- High sound insulation capacity of 49 dB at a sealing height of 7 mm

For use with fire and smoke doors

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



Fixing

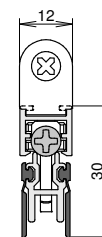


Technical data

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

Accessories
(included in delivery)

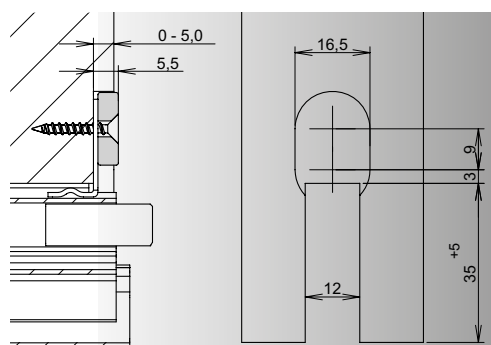
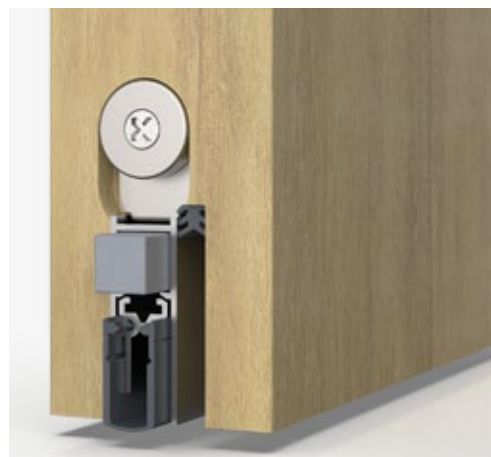
Art. no. 5102
including stainless steel press plate



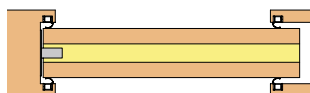


Schall-Ex® Slide & Lock M-12 WS

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



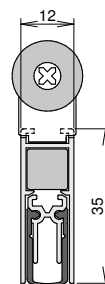
Fixing



Technical data

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

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



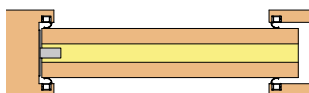


Schall-Ex® Slide M-12 WS

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

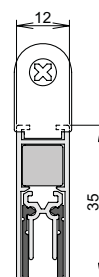


Fixing



Technical data

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



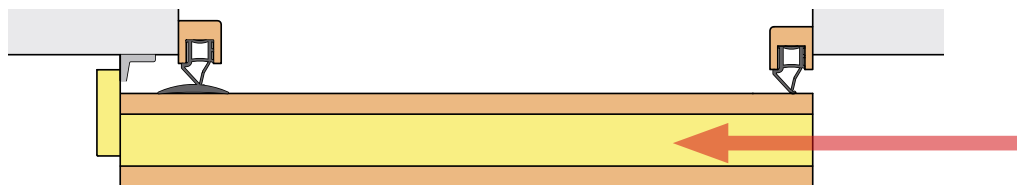


Schall-Ex® Slide M-12 WS ZA

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

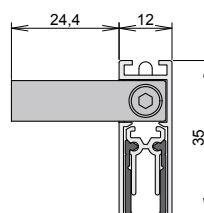


Function



Technical data

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



Accessories
(included in delivery)

Art. no. 5220



Unidicht WS

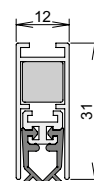
- Reliable performance and easy installation
- Inexpensive design
- With double or single actuation option
- For in-groove mounting



Fixing

Technical data

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



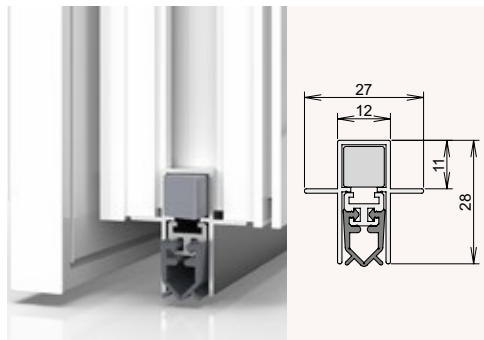
Accessories
(included in delivery)

Art. no. 5320
including stainless steel press plate



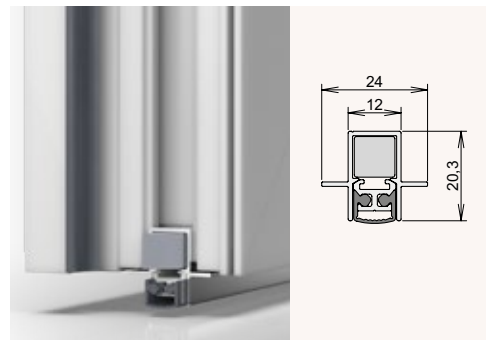
Unidicht ES

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

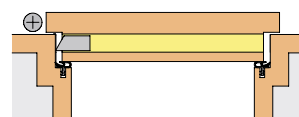
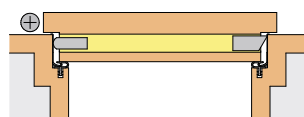


Unidicht S-12

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



Fixing



Technical data

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

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



Schall-Ex® L-15

A classic

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

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

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

Smoke and fire doors



Acoustic doors



Barrier-free



"Ü" sign of compliance





Schall-Ex® L-15/30 WS

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



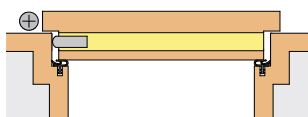
Certificate:
"DIN approved -
Barrier-free"



R. NO. P11855/07

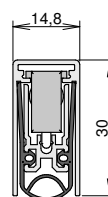


Fixing



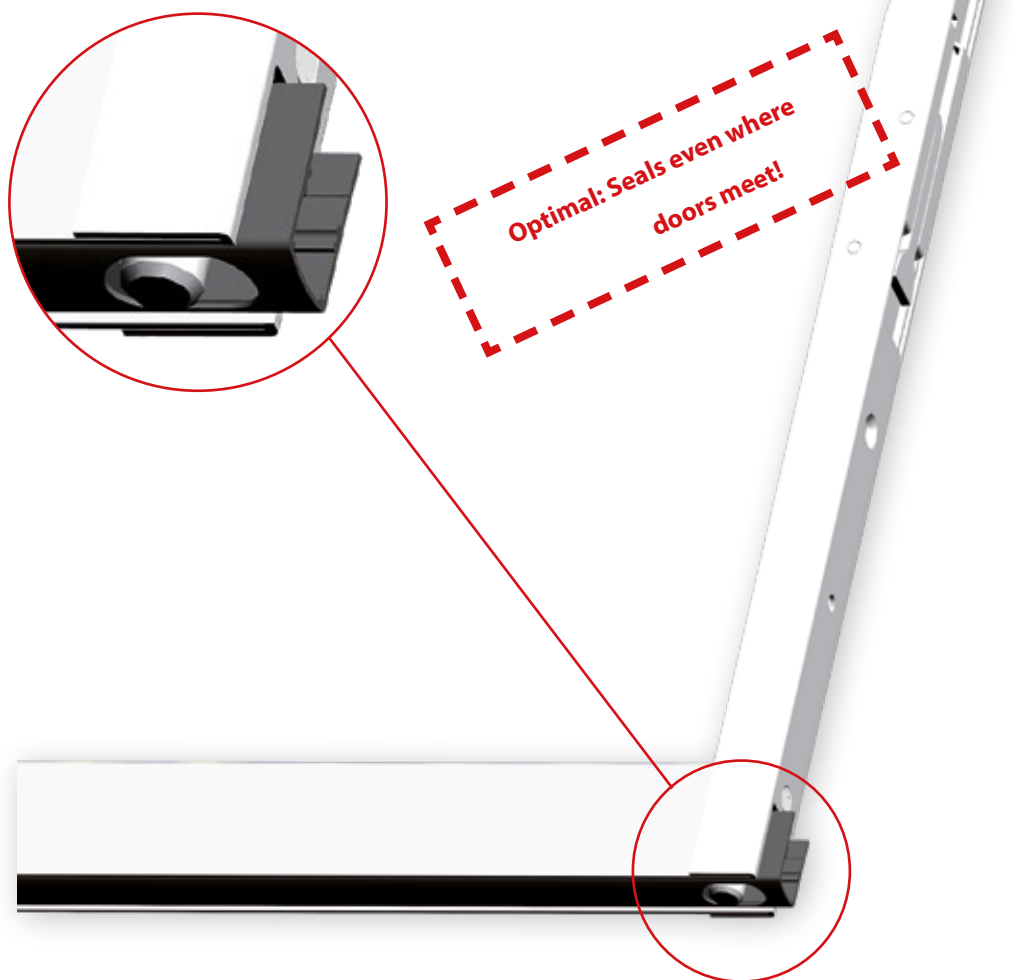
Groove width	15 mm
Actuation	Single
Sealing profile material	Silicone, self-extinguishing
Travel	20 mm
Min. length	235 mm (cannot be shortened)
Standard lengths	708, 833, 958, 1,083, 1,208 mm
Maximum length	2,000 mm
Can be shortened by	125 mm from 833 mm
Article number	1-880

Accessories
(included in delivery) Art. no. 5382



Seals even double-wing doors without leaving any gaps

Flush bolt set-up



Technical data

Flush bolts

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

Athmer stainless steel
Flush bolt version

Dimensions:
17 mm x 250 mm

Bolt:
Ø 8mm, travel: 15 mm

Versions

Art. no.

For the top:
TK-15/T

1653

For the bottom:
TK-15/BXL

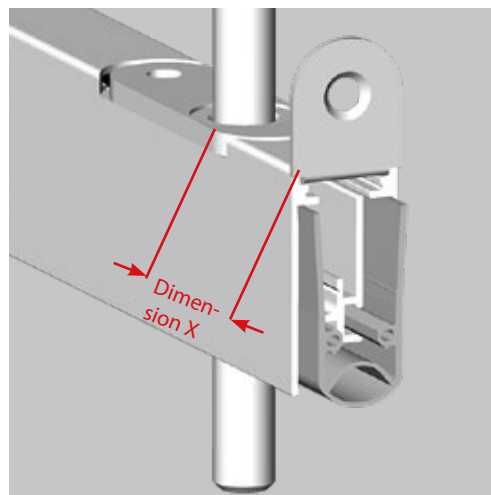
1792

Door seal prepared for
flush bolt TK-15/BXL

Options

Flush bolt set-up

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



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

Flush bolts

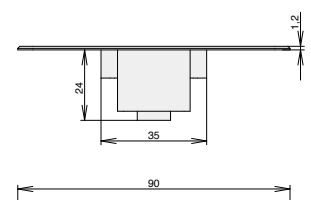
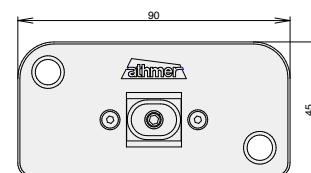
- Flush bolts in two different lengths for locking and rebate flush bolt locks

Technical data

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

Floor strike recess BS-8

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



Technical data

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

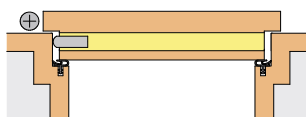


Schall-Ex® L-15/30 OS

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



Fixing

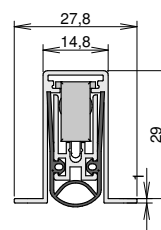


Technical data

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

Accessories
(included in delivery)

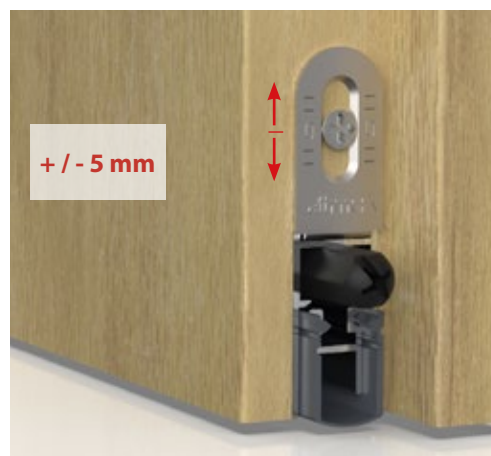
-



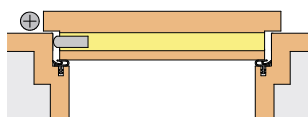


Schall-Ex® L-15/30 VS

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



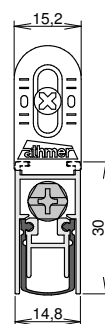
Fixing



Technical data

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

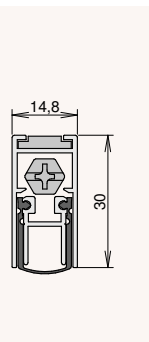
Accessories
(included in delivery) Art. no. 5130
including stainless steel press plate





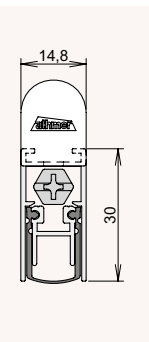
Schall-Ex® L-15 QFS

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



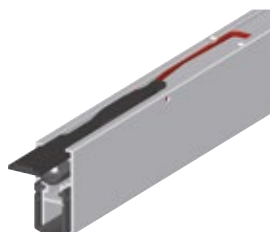
Schall-Ex® L-15 QF

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

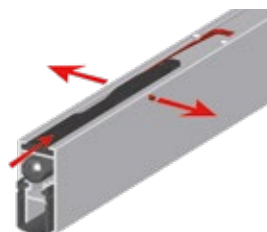


**Quick fixing
without tools**

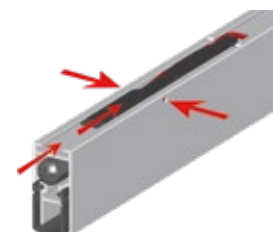
**Fixing
QFS version**



➤ Slides in



➤ Locks in place



➤ Slides out

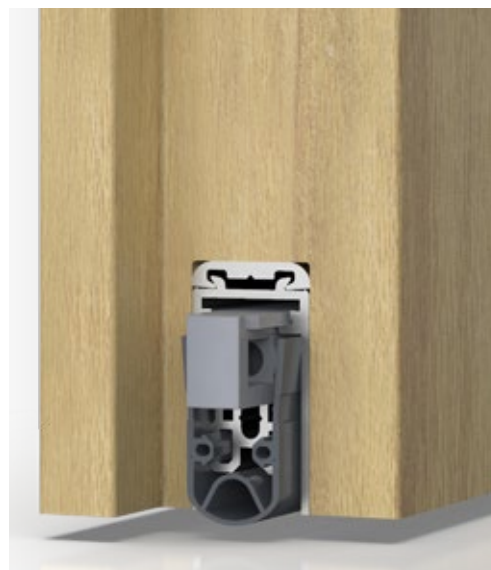
Technical data

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

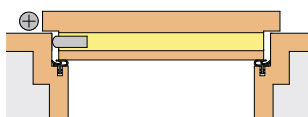


Schall-Ex® L-15/29 TG

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

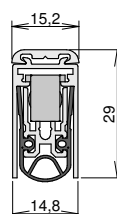


Fixing



Technical data

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



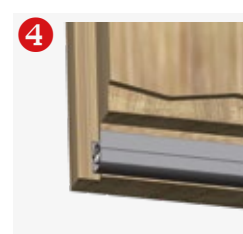
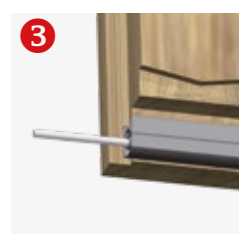
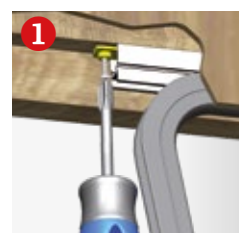


Shortening without tools

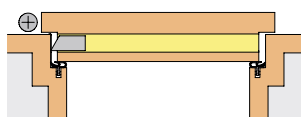
Schall-Ex® VL-15/30

The first variable fixed length!

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

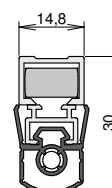


Fixing



Technical data

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



Accessories
(included in delivery)

Art. no. 5305
including stainless steel press plate



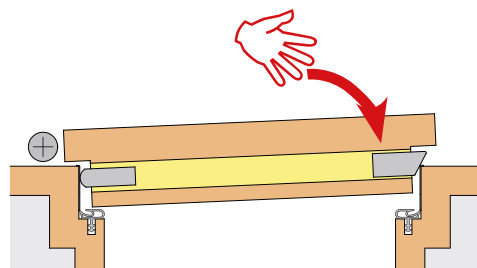
Schall-Ex® DUO L-15

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



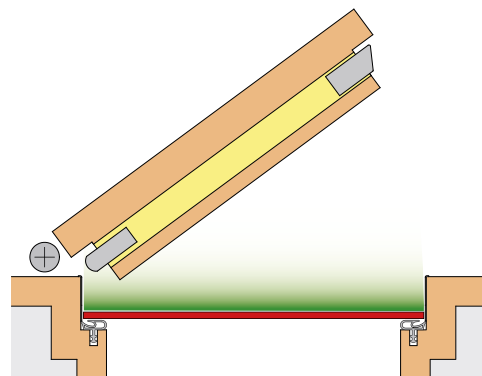
Feather-light actuation on lock side

- Minimal pressure required: barely perceptible

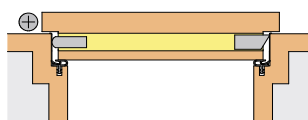


No dragging

- Up to 83% reduction in areas showing wear

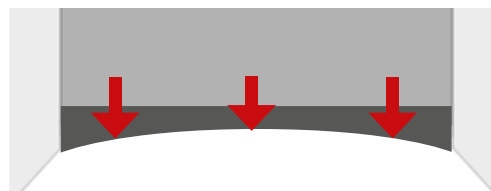
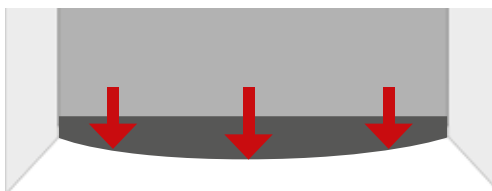


Fixing



Optimal adjustment for uneven floors

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



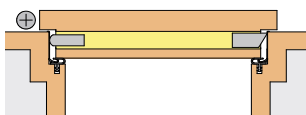


Schall-Ex® DUO L-15 WS

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



Fixing

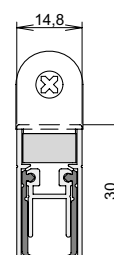


Technical data

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

Article number 1-382

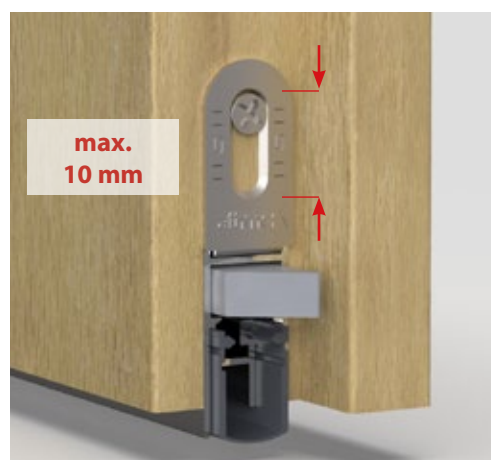
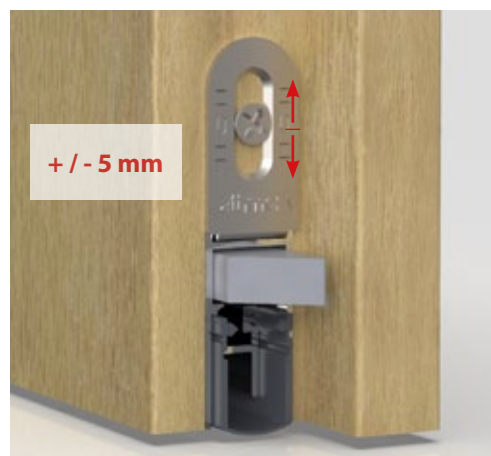
Accessories (included in delivery) Art. no. 5435 including stainless steel press plates



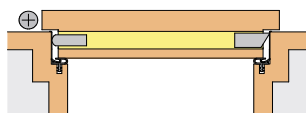


Schall-Ex® DUO L-15 VS

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



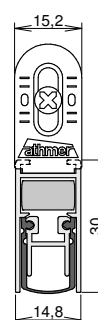
Fixing



Technical data

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

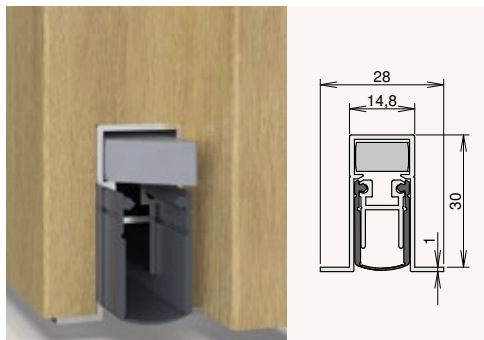
Accessories
(included in delivery) Art. no. 5130
including stainless steel press plates





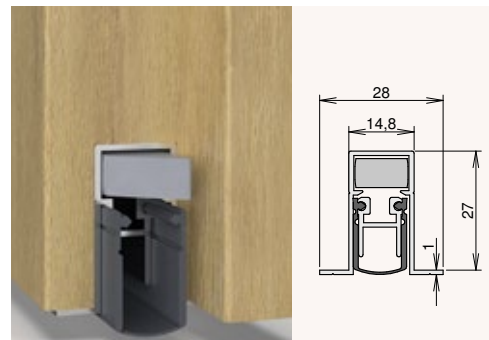
Schall-Ex® DUO L-15/31 OS

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

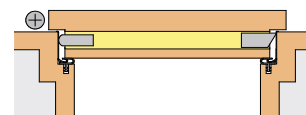
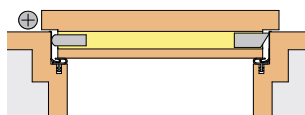


Schall-Ex® DUO L-15/28 OS

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



Fixing



Technical data

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

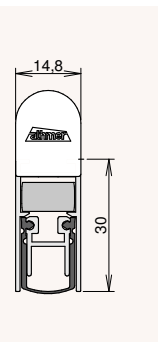
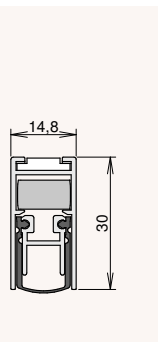


Schall-Ex® DUO L-15 QFS Schall-Ex® DUO L-15 QF

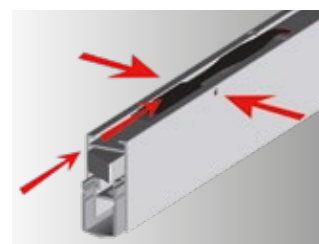
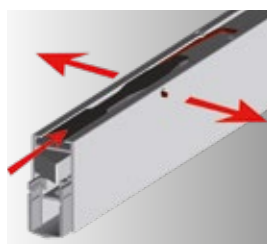
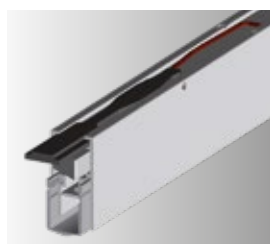
- Ideal quick fixing for automatic installation
- Fixing with **flat insert**
- Seal can be cut to length

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

Quick fixing
without tools



Fixing
QFS version



➤ Slides in

➤ Locks in place

➤ Slides out

Technical data

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

Accessories
(included in delivery)

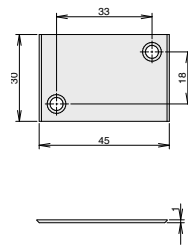
Art. no. 5420
including stainless steel press plates

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

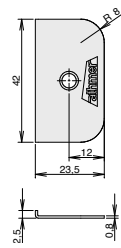
Art. no. 5123
including stainless steel press plates

Stainless steel**Further press plates**

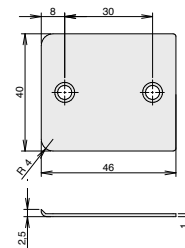
➔ To fit different rebate dimensions



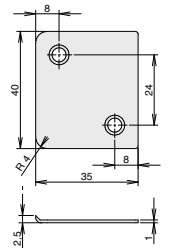
Art. no. 8117



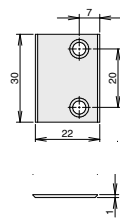
Art. no. 248



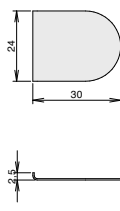
Art. no. 8107



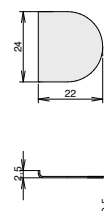
Art. no. 8111



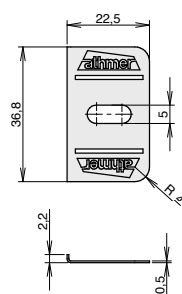
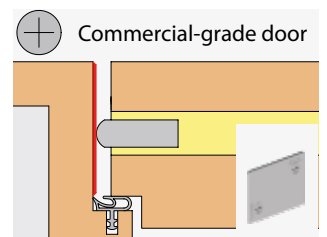
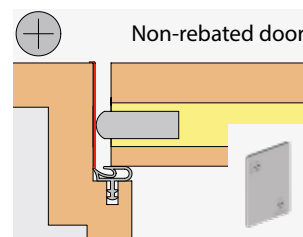
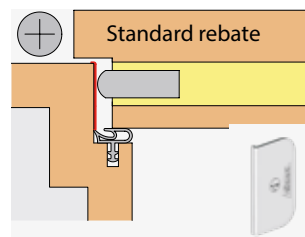
Art. no. 8118



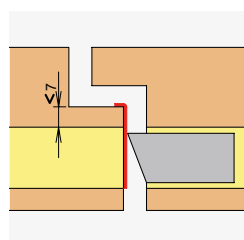
Art. no. 8106



Art. no. 8104

Application

Art. no. 5514

Application



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

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

Optionally:

MD version / with time-lag actuation

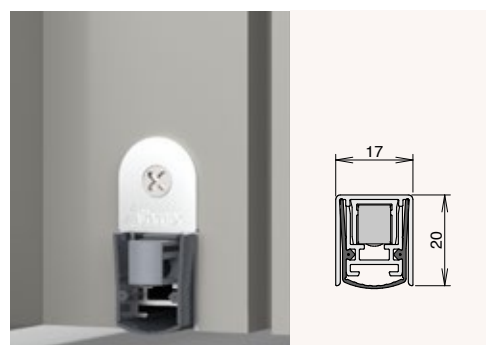


Stadi L-17/20 WS Stadi LD-17/20 WS

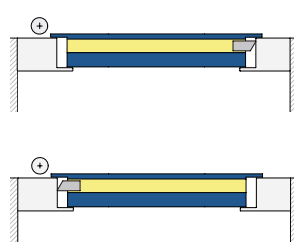
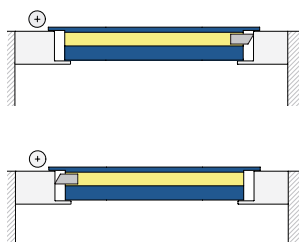
- New, small Stadi model
- Sound reduction of up to 52 dB
- Parallel actuation
- No inner rail offset

Optionally:

LD version / with time-lag actuation



Actuation



Technical data

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

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

Product family



Schall-Ex® Ultra

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



Barrier-free

- Meets requirements for barrier-free construction

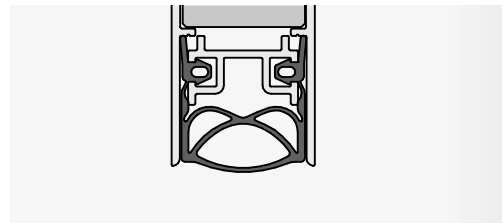


Certificate:
"DIN approved -
Barrier-free"



Multi-chamber seal

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

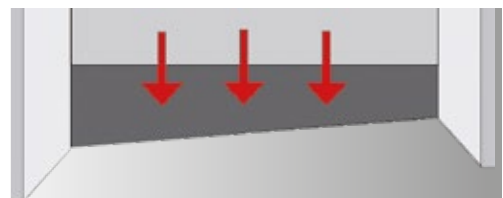
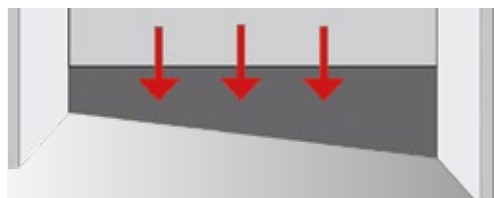


Floor level adjustment



- Floor level adjustment with concave and convex floors

Automatic level compensation

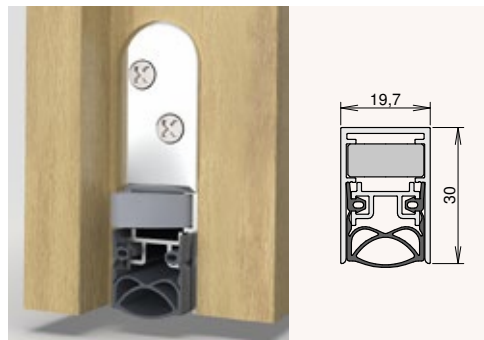


- With integrated overload protection as standard:
Constant, even, and therefore optimal floor contact pressure
- Saves time, since no fine adjustment necessary
- Improved operational reliability since the system self-adjusts if conditions change



Schall-Ex® Ultra WS

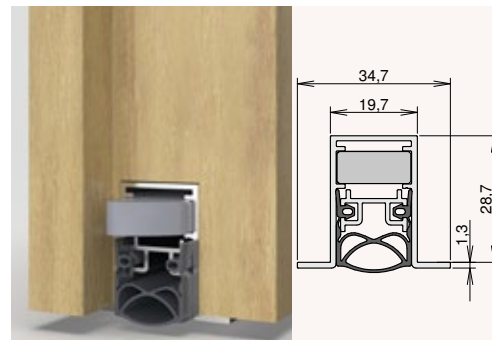
- Actuation on the hinge side with automatic height and level adjustment
- Lock-side actuation, Minimal pressure required for actuation
- Self-adjusting with overload protection



- Tested in accordance with EN 1670

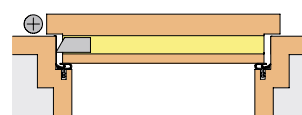
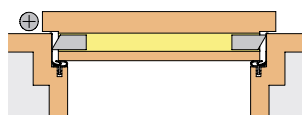
Schall-Ex® Ultra OS

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



- Tested in accordance with EN 1670

Fixing

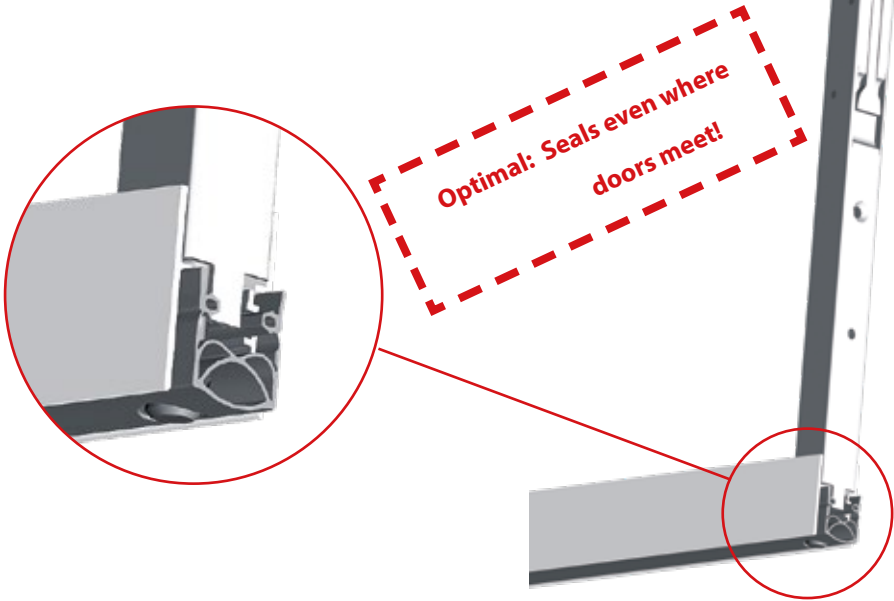


Technical data

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

Seals even double-wing doors without leaving any gaps

Flush bolt set-up



Flush bolts

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

Technical data

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

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

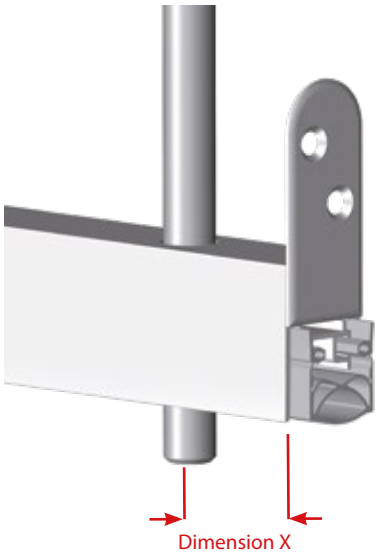
Options

Flush bolt set-up

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

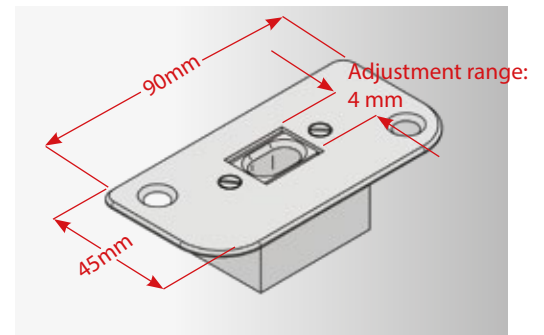
Note:

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



**Stainless steel
floor strike recess****BS-10**

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

**Technical data****Material**

Stainless steel floor plate and aluminium recess

Installation

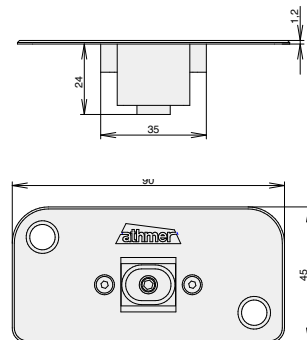
Fix to floor using two countersunk screws $\varnothing 4.5$ mm (customer supply).

Recess required in floor

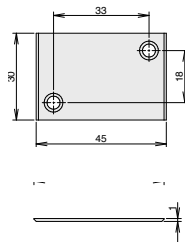
30 x 40, > 26 depth

Article number

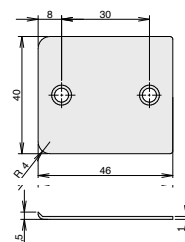
129

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

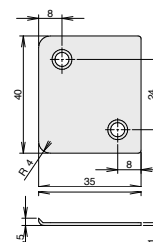
- To fit different rebate dimensions



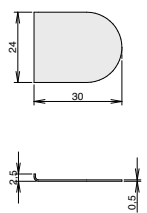
Art. no. 8117



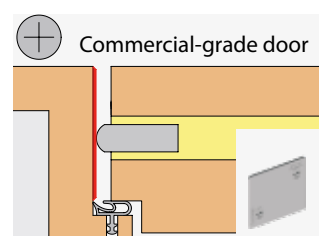
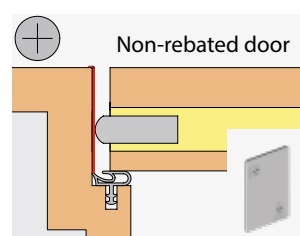
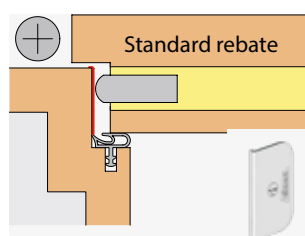
Art. no. 8107



Art. no. 8111



Art. no. 8106

Application

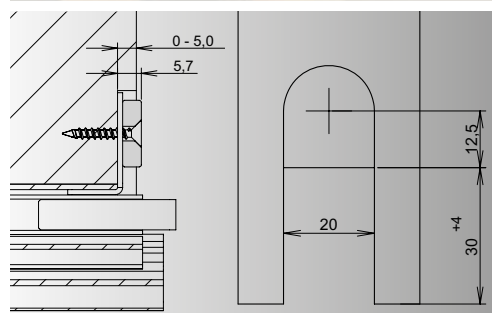


Schall-Ex® Slide & Lock M-20 WS

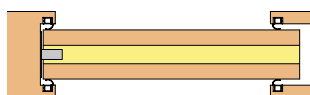
- Automatic height and level compensation
- **Higher safety of use through self-adjustment to changing conditions**
- With integrated overload protection as standard
- Optimised sealing profile with sound reduction > 50 dB with 7 mm sealing height



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



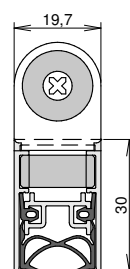
Fixing



Technical data

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

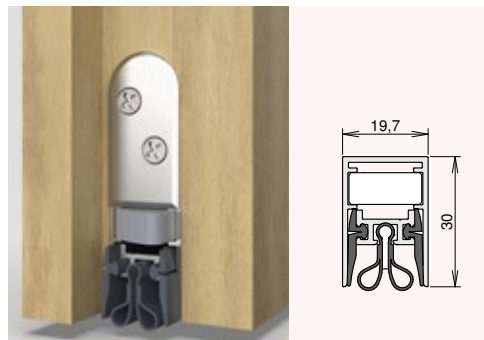
Accessories (included in delivery) Art. No. 5103 incl. galvanised steel press plate, holding magnet





Schall-Ex® Radiation protection WS

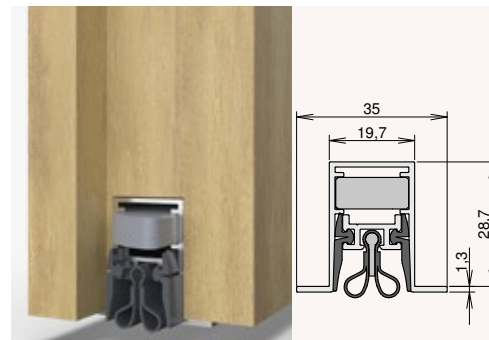
- For doors with radiation protection requirements
- Automatic height and level compensation
- Self-adjusting with overload protection



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

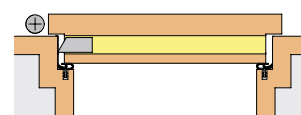
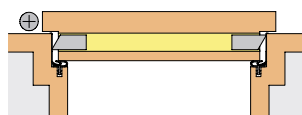
Schall-Ex® Radiation protection OS

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



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

Fixing



Technical data

Groove width 20 mm

Actuation Double Single

Sealing profile material Silicone, lead rubber

Travel 12 mm

Min. length 708 mm 220 mm

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

Maximum length 1,500 mm 2,000 mm

Can be shortened by 125 mm from 708 mm

Article number 1-528 1-529

Accessories (included in delivery) Art. no. 5600 including stainless steel press plates Art. no. 5610 including stainless steel press plate

20 mm

Double Single

Silicone, lead rubber

12 mm

708 mm 220 mm (n. s.)

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

1,500 mm 2,000 mm

125 mm from 708 mm

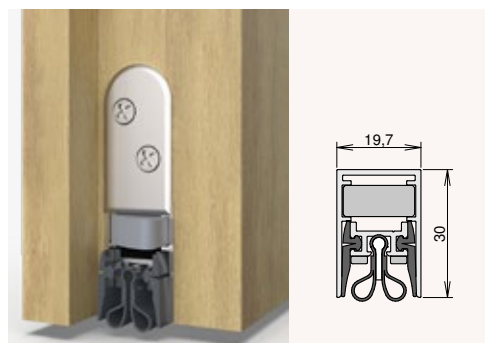
1-294 1-295

Art. no. 5420 including press plates made of stainless steel Art. no. 5503 including stainless steel press plates



Schall-Ex® Radiation protection WS BD

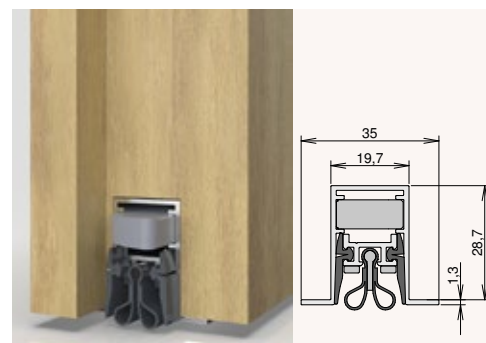
- For radiation protection doors with fire protection requirements
- Automatic height and level compensation
- Self-adjusting with overload protection



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

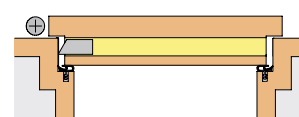
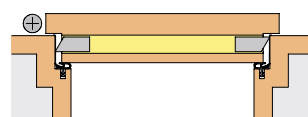
Schall-Ex® Radiation protection OS BD

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



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

Fixing



Technical data

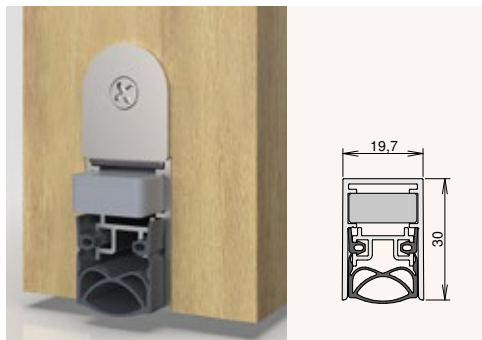
Groove width	20 mm	
Actuation	Double	Single
Sealing profile material	Silicone, lead rubber	
Travel	12 mm	
Min. length	708 mm	220 mm (n. s.)
Standard lengths	708, 833, 958, 1,083, 1,208 mm	
Maximum length	1,500 mm	2,000 mm
Can be shortened by	125 mm from 708 mm	
Article number	1-522	1-521
Accessories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

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



Schall-Ex® Slide M-20 WS

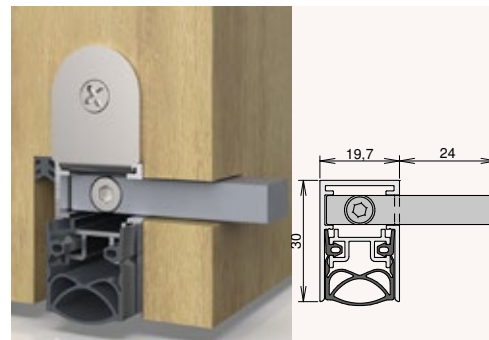
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection
- Sound absorption value > 50 dB with sealing height of 7 mm



- Tested in accordance with EN 1670

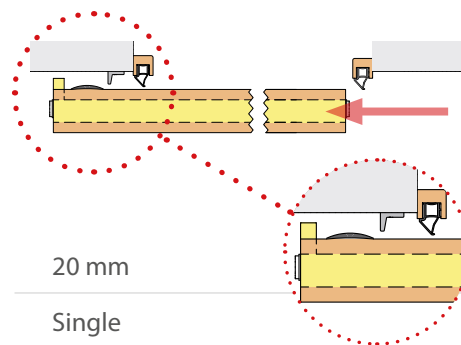
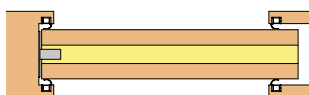
Schall-Ex® Slide M-20 WS ZA

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



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

Fixing



Technical data

Groove width 20 mm

Actuation Single

Sealing profile material Silicone, self-extinguishing

Travel 12 mm

Min. length 220 mm (cannot be shortened)

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

Maximum length 2,000 mm

Can be shortened by 125 mm from 708 mm

Article number 1-556

Accessories
(included in delivery)

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

Groove width 20 mm

Actuation Single

Sealing profile material Silicone, self-extinguishing

Travel 12 mm

Min. length 650 mm

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

Maximum length 2,000 mm

Cannot be shortened

1-846 DIN/L

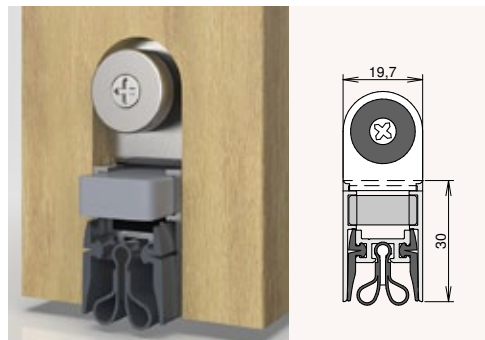
1-847 DIN/R

Art. no. 5114



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

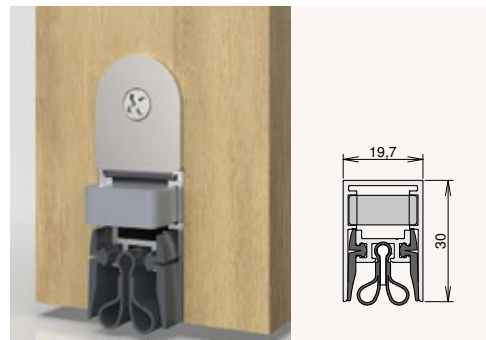
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection



In accordance with DIN 6834

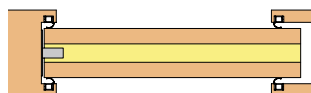
Schall-Ex® Slide Radiation protection M-20 WS

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



In accordance with DIN 6834

Fixing



Technical data

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

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

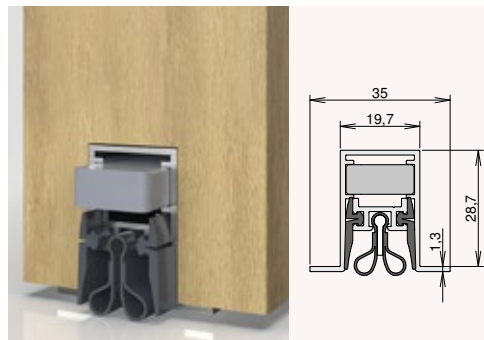
Groove width	20 mm
Actuation	Single
Sealing profile material	Silicone, lead rubber
Travel	12 mm
Min. length	220 mm (cannot be shortened)
Standard lengths	708, 833, 958, 1,083, 1,208 mm
Maximum length	2,000 mm
Can be shortened by	125 mm from 708 mm
Article number	1-557

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



Schall-Ex® Slide Radiation protection M-20 OS

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

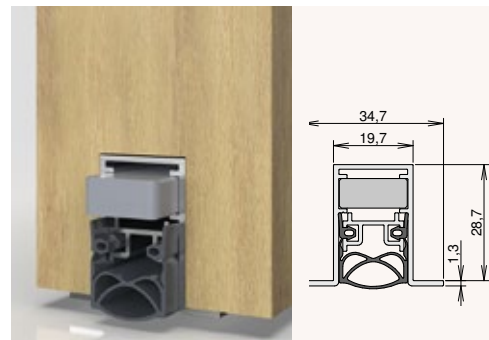


↪ In accordance with DIN 6834

Schall-Ex® Slide M-20 OS

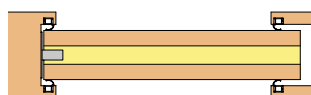
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection
- Sound absorption value > 50 dB with 7mm

Sealing height



↪ Tested in accordance with
EN 1670

Fixing



Technical data

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



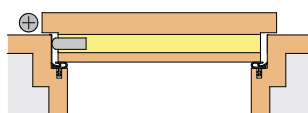
Unidicht M-20

with synthetic casing

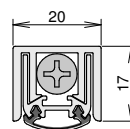
- Low overall height matches profile systems
- Thermal separation through synthetic outer casing
- Can be screwed on through the seal
- Seal without threshold up to 10 mm



Fixing



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





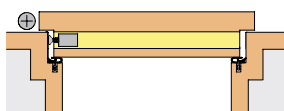
Schall-Ex® Jumbo I

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

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



Fixing

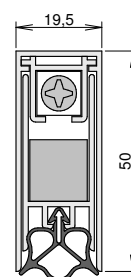


Technical data

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

Accessories
(included in delivery)

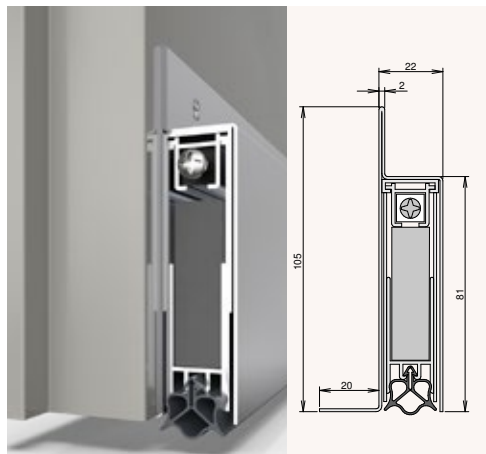
Art. no. 5400
including stainless steel press plate





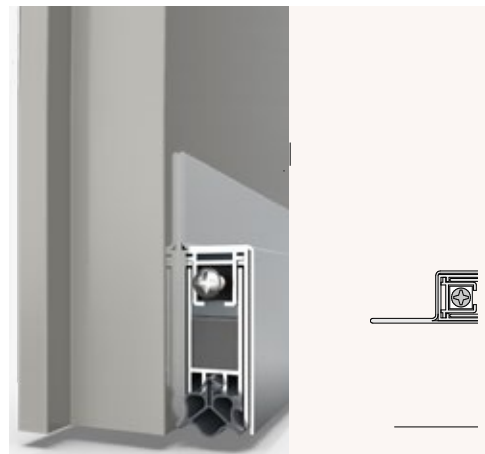
Schall-Ex® JUMBO II

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



Schall-Ex® JUMBO III

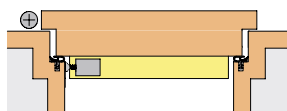
- Seals doors and gates with extremely wide gaps up to 35 mm
- Suitable for acoustic doors



Plinth

- Robust stainless steel cover
- Robust stainless steel cover

Fixing Jumbo II and III



Technical data

Overall dimensions W x H

22 x 81 mm

Actuation

Single

Sealing profile material

Silicone, self-extinguishing

Travel

50 mm

Min. length

710 mm (cannot be shortened)

Maximum length

1,700 mm

Can be shortened by

60 mm, for standard lengths

Individually packed

Foil tube

Article number

1-474

Accessories
(included in delivery)

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

2,2 x 52.5 mm

Single

Silicone, self-extinguishing

35 mm

450 mm (cannot be shortened)

1,700 mm

60 mm, for standard lengths

Foil tube

1-157

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



AUTOMATIC DOOR SEALS for metal and system doors

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

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

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



The new Stadi

Modular design with a system

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

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

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



Certificate:
"DIN approved -
Barrier-free"



R. NO. P1 18/05/07



Fire doors



Acoustic doors



Closes with a tight seal



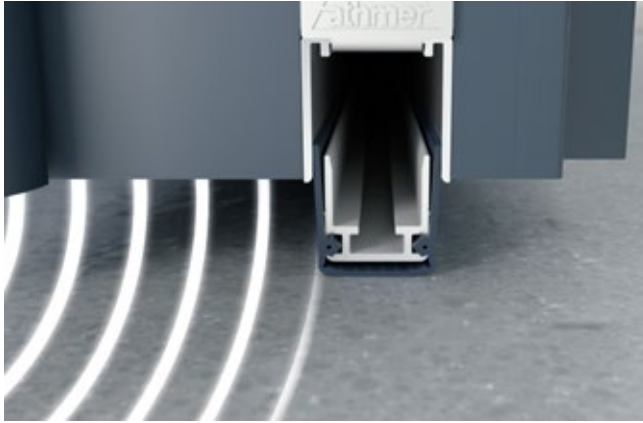
Damp room doors



Barrier-free access



Smoke doors



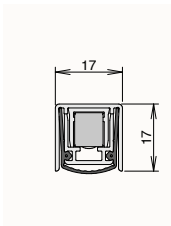
Optional time lag actuation

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

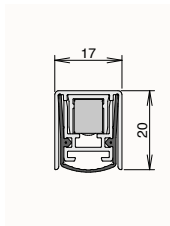
A damping cylinder in combination with a spring ensures that the seal closing time is extended to about 6 to 8 seconds allowing the air to be displaced during this time and making the door suitable for airlock situations.

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

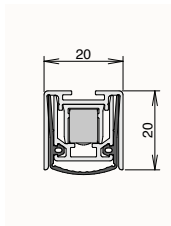
Stadi M-17/17 WS



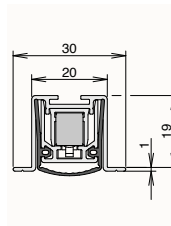
Stadi L-17/20 WS



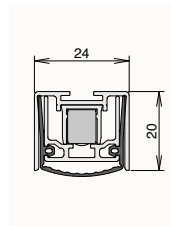
Stadi L-20/20 WS



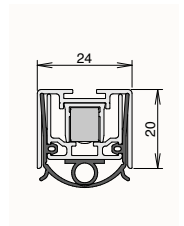
Stadi L-20/20 OS



Stadi L-24/20 WS

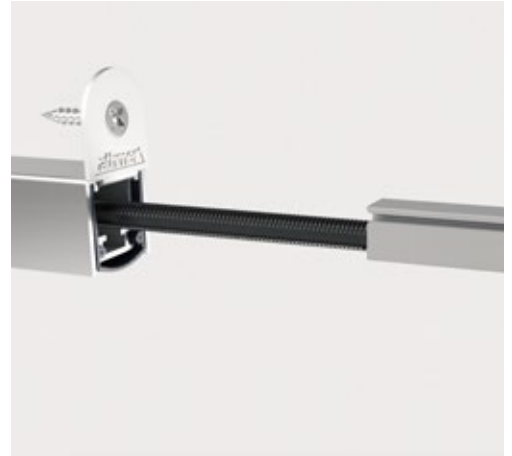


Athmer Rainstop® L-24/20 WS



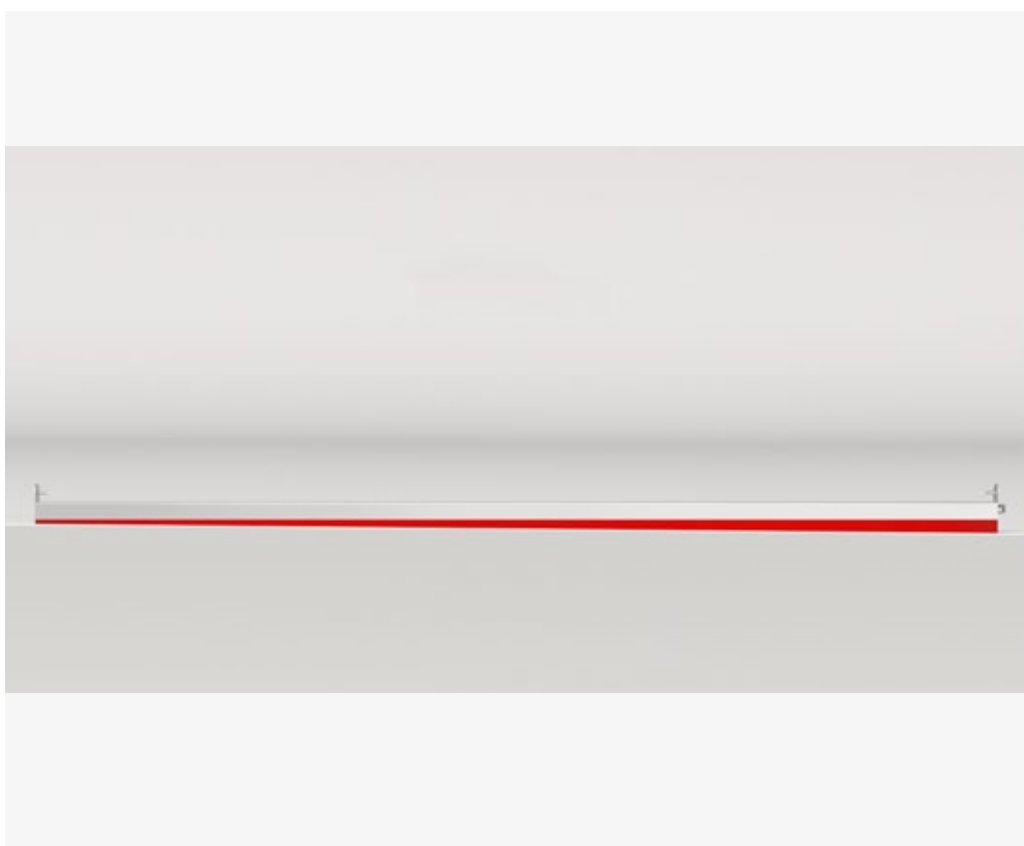
Stadi - M / Stadi -L

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

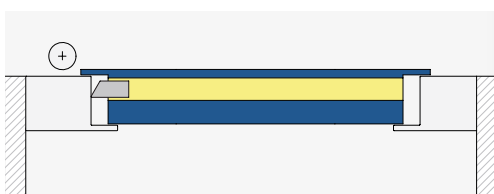


**Automatic
level compensation**

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

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

- Actuator catch on hinge side



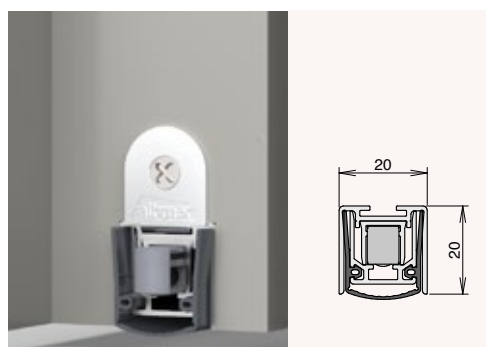


Stadi L-20/20 WS Stadi LD-20/20 WS

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

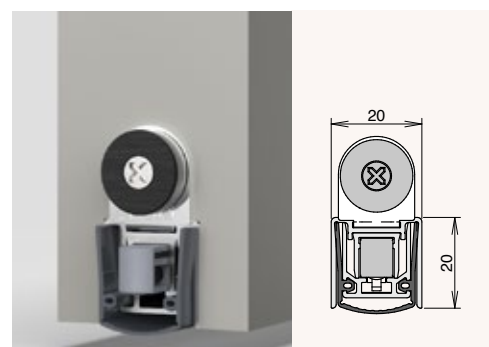
Optionally:

LD version / with time-lag actuation

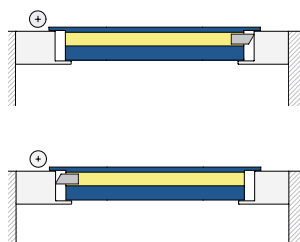


Stadi® Slide & Lock L-20/20 WS

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



Actuation



Technical data

Width Height

Actuation

Time lag actuation

Sealing profile

Travel

Min. length

Standard lengths

Maximum length

Can be shortened
(on lock side)

Can be shortened
(on hinge side)

Article number

L

LD

20 x 20 mm

Single

-

✓

Silicone, self-extinguishing

16 mm

230 mm

635 mm

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

2,000 mm

1,600 mm

150 mm

from length 801 /
125 mm

-

1-939

1-952

20 x 20 mm

Single

-

Silicone, self-extinguishing

16 mm

485 mm

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

2,000 mm

150 mm

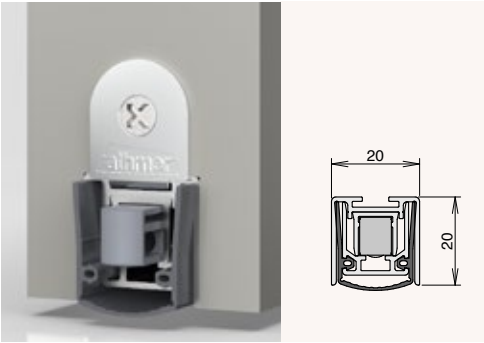
-

1-967



Stadi Slide L-20/20 WS

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



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

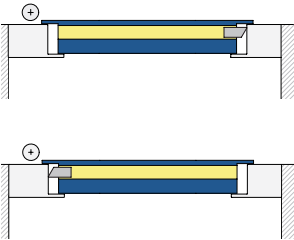
- Automatic height and level compensation
- Sound reduction of up to 54 dB

Optionally:

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



Actuation



Technical data

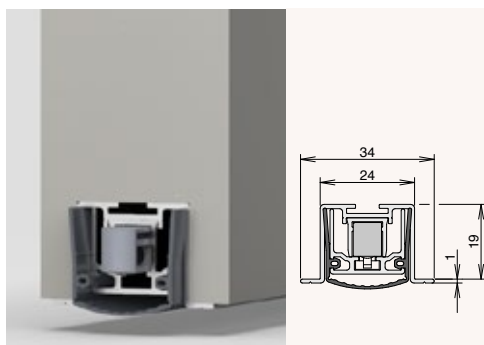
Width	Height	20 x 20 mm
Actuation		Single
Time lag actuation		-
Sealing profile		Silicone, self-extinguishing
Travel		16 mm
Min. length		485 mm
Standard lengths		708, 833, 958, 1,083, 1,208 mm
Maximum length		2,000 mm
Can be shortened (on lock side)		150 mm
Can be shortened (on hinge side)		
Article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

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



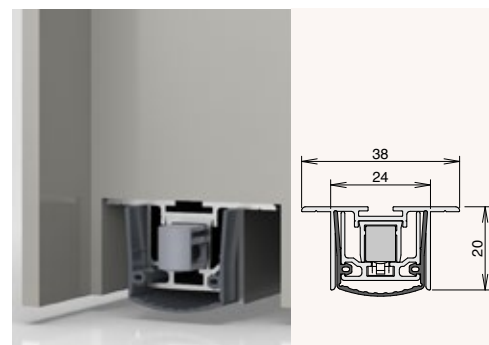
Stadi L-24/20 OS

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

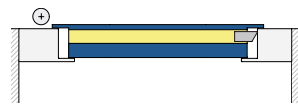


Stadi L-24/20 TS

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



Actuation



Technical data

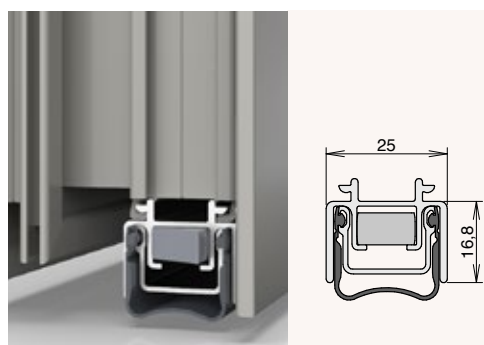
Width	Height	24 x 20 mm	
Actuation		Single	
Time lag actuation		-	-
Sealing profile		Silicone, self-extinguishing	TPE
Travel		16 mm	
Min. length		230 mm	
Standard lengths		750, 900, 1,050, 1,200 mm	
Maximum length		3,000 mm	
Can be shortened (on lock side)		150 mm	
Can be shortened (on hinge side)		from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

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



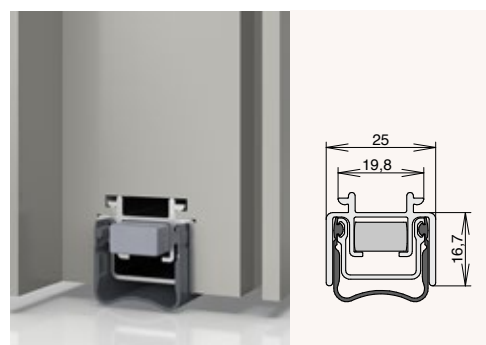
Stadi L-24/20 ES

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

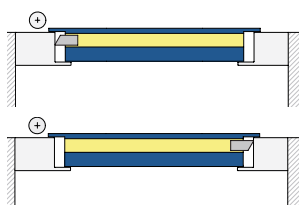


Stadi Slide L-24/20 ES

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



Actuation



Technical data

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

Accessories
(included in delivery)

Art. no. 5485
including stainless steel press plates

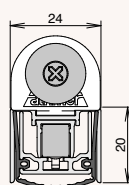
Width	Height	25 mm	16.7 mm
Actuation		Single	
Sealing profile material		Silicone, self-extinguishing	
Travel		13 mm	
Min. length		250 mm (cannot be shortened)	
Standard lengths		708, 833, 958, 1,083, 1,208 mm	
Maximum length		3,000 mm	
Can be shortened by		150 mm	
Article number		1-897	

Art. no. 5485
including stainless steel press plates



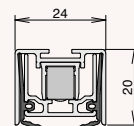
Schall-Ex® Slide & Lock L-24/20 WS

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



Schall-Ex® Slide L-24/20 WS

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



Actuation



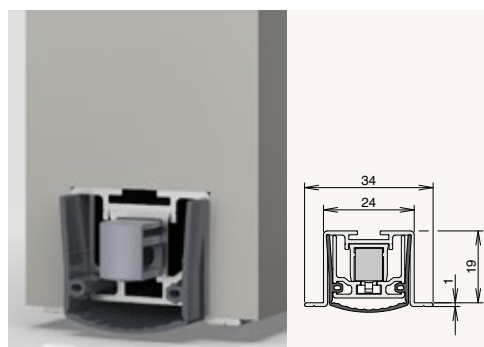
Technical data

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



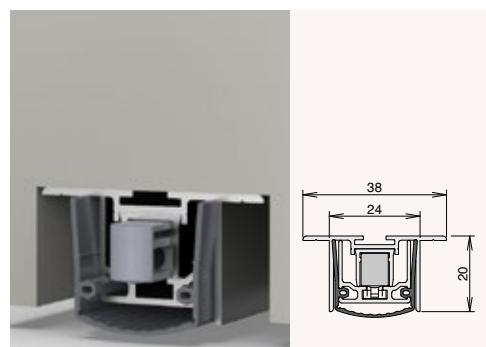
Schall-Ex® Slide L-24/20 OS

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



Schall-Ex® Slide L-24/20 TS

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



Actuation



Technical data

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

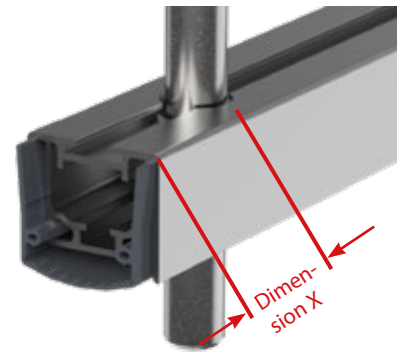
Width	Height	24 x 20 mm
Actuation		Single
Time lag actuation		-
Sealing profile		Silicone, self-extinguishing
Travel		16 mm
Min. length		485 mm
Standard lengths		708, 833, 958, 1,083, 1,208 mm
Maximum length		3,000 mm
Can be shortened (on lock side)		150 mm
Can be shortened (on hinge side)		from length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

Seals even double-wing doors without leaving any gaps

For Ø 10 mm flush bolt

Flush bolt set-up

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



Compatible with Stadi L

Stainless steel flush bolt

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



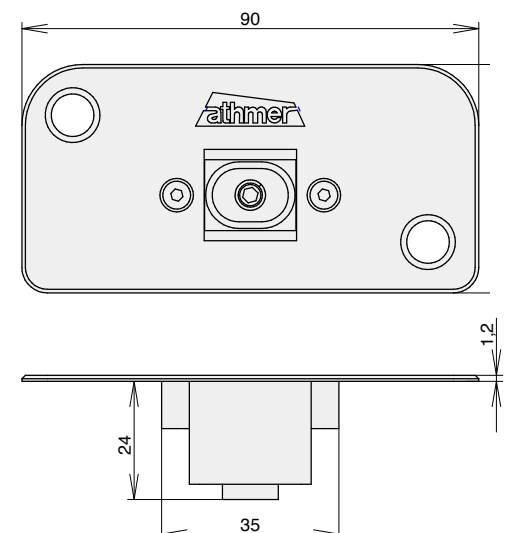
Note: Minimum length if flush bolt hole incorporated = distance from drilled hole (X) + 270 mm

Stainless steel floor strike recess

For Ø 10 mm flush bolt

BS-10

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





Stadi L-24/15 BN

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

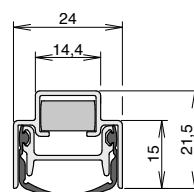


Actuation



Technical data

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



Accessories
(included in delivery)

Art. no. 5200
including stainless steel press plate



Athmer Rainstop®

Barrier-free external door seals

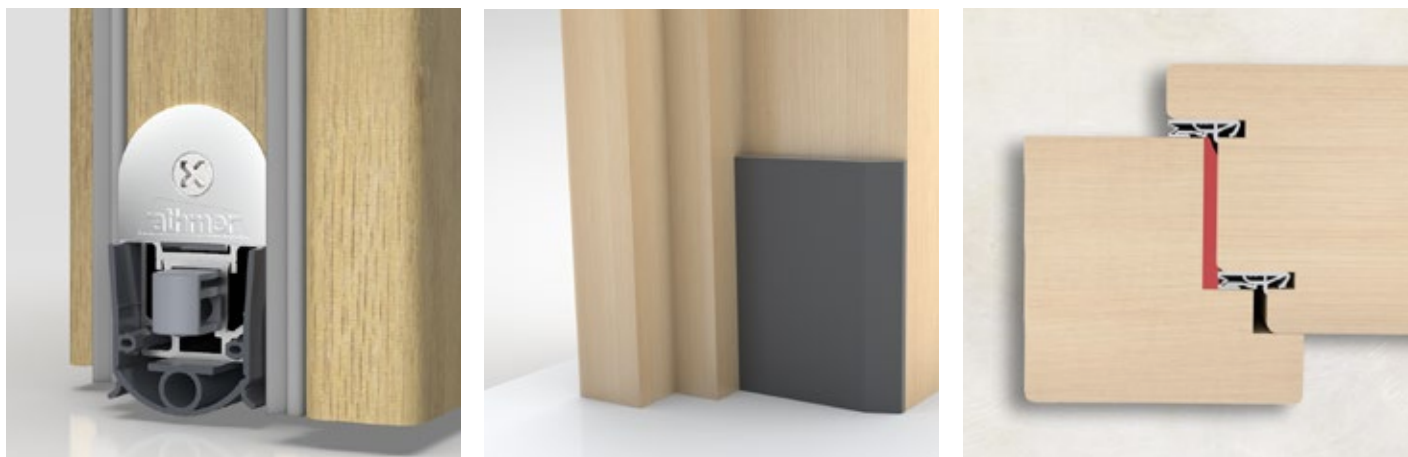
For Athmer, the optimum operating comfort of doors has traditionally been at the top of the agenda in product development. Today, we are experiencing that the requirements for barrier-free planning, construction and living are becoming increasingly important. However, despite the zero threshold and barrier-free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

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

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

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

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



Zero means zero

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

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

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

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

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



R. NO. P1B050/07





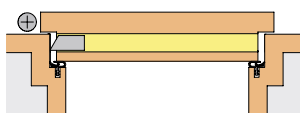
Athmer Rainstop® L-24/20 WS

Fast and reliable installation

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

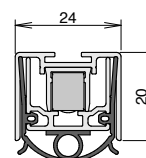


Actuation



Technical data

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





Stadi L-30/20 WS

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



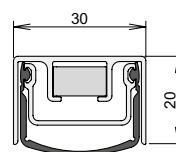
Actuation



Technical data

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

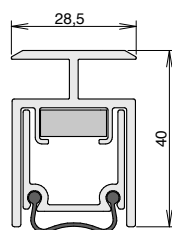
Accessories (included in delivery)	Art. no. 5138 including stainless steel press plate
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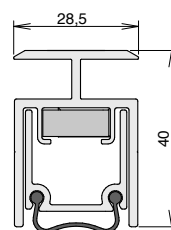


Stadi-XL 40 DT

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



Type Stadi XL-40 DT



Type Stadi XL-40 ST

Fixing DT



Technical data

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

Type Stadi XL-40 DT

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

Type Stadi XL-40 ST

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

Accessories
(included in delivery)

Art. no. 5962

Art. no. 5960 / 5962

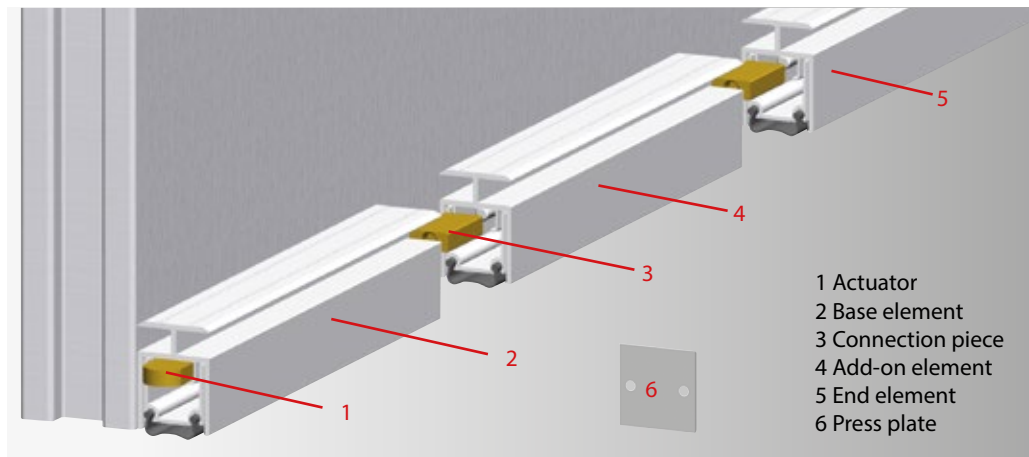


Stadi-XL 40 ST

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



Example of installation Stadi-XL ST



Fixing ST

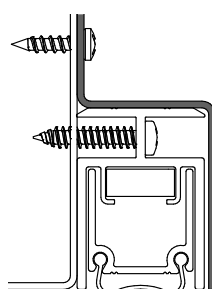


Technical data

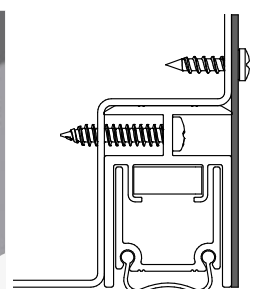
- See table on page 58

Options

(Screw-on) stainless steel cover plate A



(Flush-mounted) stainless steel cover plate E





AUTOMATIC DOOR SEALS

For glass doors

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

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

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

Product family**Schall-Ex® GS**

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

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

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



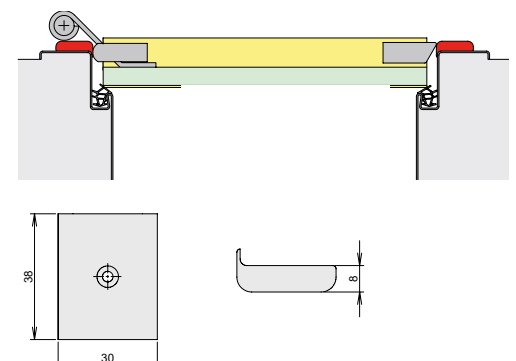
Sound insulation test report for Schall-Ex GS-8 available on request



Certificate: "DIN approved - Barrier-free"



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





Schall-Ex® GS-A

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



Surface finish

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

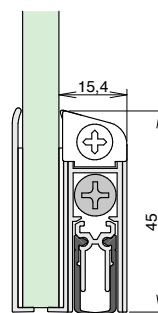
Fixing



Technical data

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

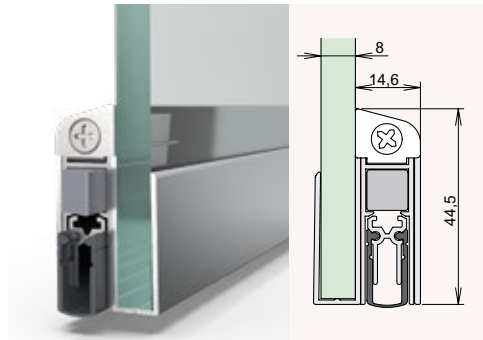
Accessories
(included in delivery) Art. no. 5115
including stainless steel press plate





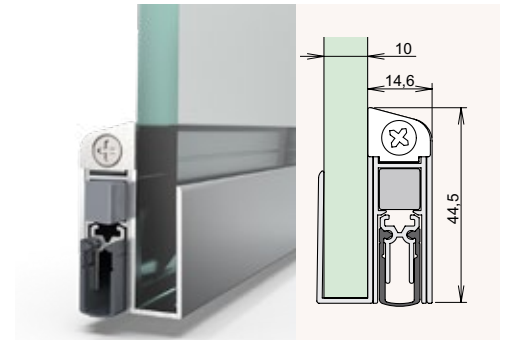
Schall-Ex® Duo GS-8

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



Schall-Ex® Duo GS-10

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



Surface finish

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

Fixing



Technical data

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

Accessories
(included in delivery)

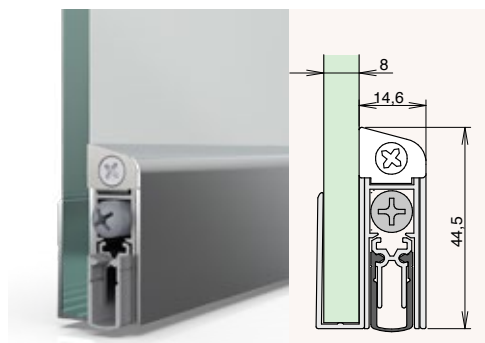
Art. no. 5420
including stainless steel press plate

Art. no. 5420
including stainless steel press plate



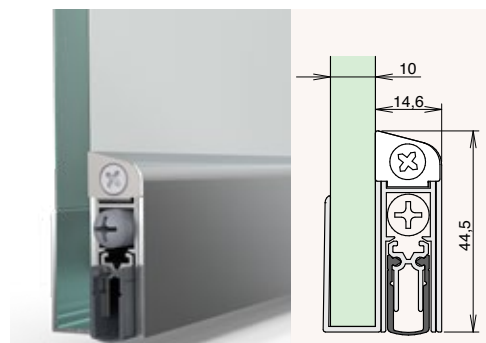
Schall-Ex® GS-8

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



Schall-Ex® GS-10

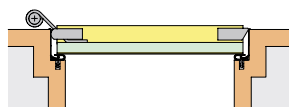
- For doors with 10 mm glass thickness
- Single actuation
- Suitable for DIN-L and DIN-R doors
- U-profile to be affixed with appropriate construction adhesive



Surface finish

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

Fixing



Technical data

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

Accessories
(included in delivery)

Art. no. 5503
including stainless steel press plate

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

Art. no. 5503
including stainless steel press plate



Schall-Ex® GS-H8/12

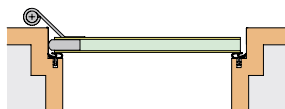
- Universal glass door seals for
Doors with glass thicknesses
from 8 - 12 mm
- Single actuation
- Lock-side cover
made of stainless steel
- Reduced storage costs



Surface finish

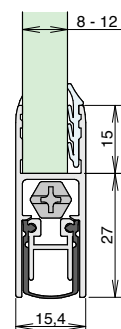
- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

Fixing



Technical data

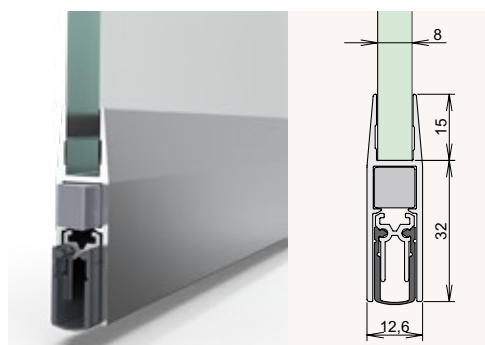
Glass thickness	8-12 mm	
Dimensions	15 + 27 x 15.4 mm	
Actuation	1-sided, opening face	
Sealing profile material	Silicone, self-extinguishing	
Travel	12 mm	
Min. length	235 mm (cannot be shortened)	
Standard lengths	708833, 958, 1,083, 1,208 mm	
Maximum length	1,333 mm	
Can be shortened by	125 mm	
Individually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





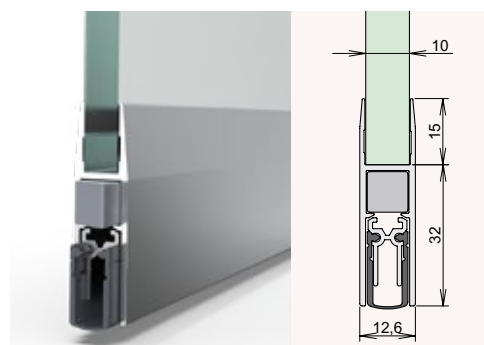
Schall-Ex® Duo GS-H8

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



Schall-Ex® Duo GS-H10

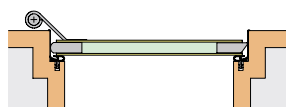
- For doors with 10 mm glass thickness
- Double actuation
- Minimal, barely perceptible actuation pressure
- Suitable for DIN-L and DIN-R doors



Surface finish

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

Fixing



Technical data

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

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

Accessories
(included in delivery)

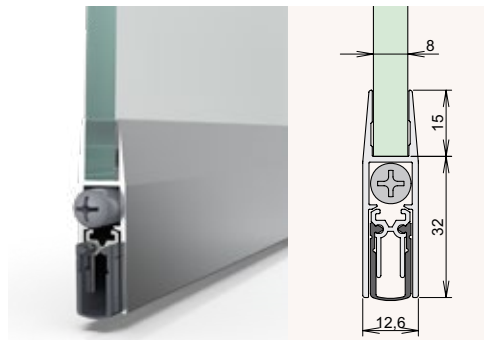
Art. no. 5420
including stainless steel press plate

Art. no. 5420
including stainless steel press plate



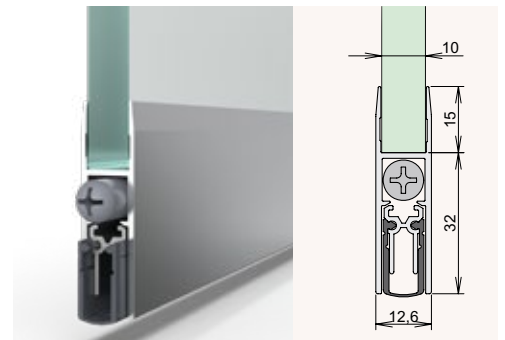
Schall-Ex® GS-H8

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



Schall-Ex® GS-H10

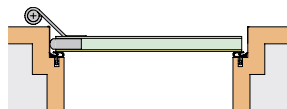
- For doors with 10 mm glass thickness
- Single actuation
- Suitable for DIN-L and DIN-R doors



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



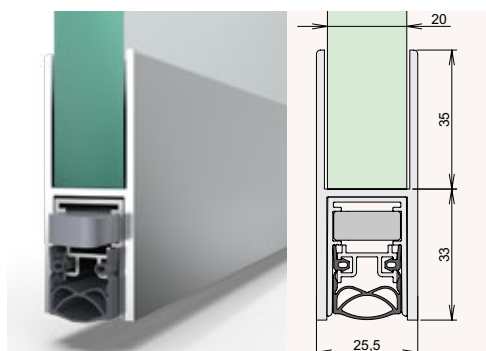
Technical data

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



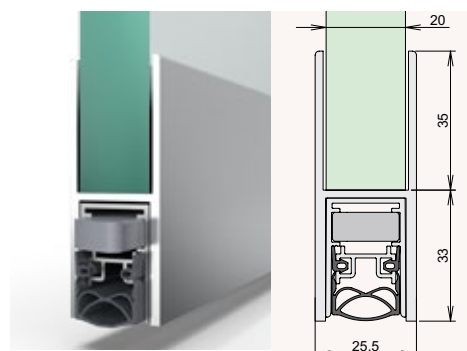
Schall-Ex® Duo GS-H20

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



Schall-Ex® GS-H20

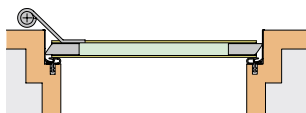
- For doors with 20 mm glass thickness
- Single actuation
- Suitable for DIN-L and DIN-R doors



Surface finish

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

Fixing



Technical data

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

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



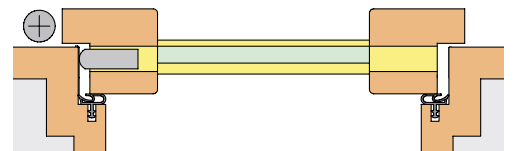
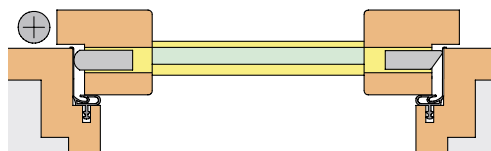
Surface finish

- Silver-coloured, anodised C-0

Adapter profile

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

Fixing

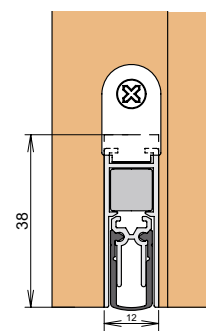
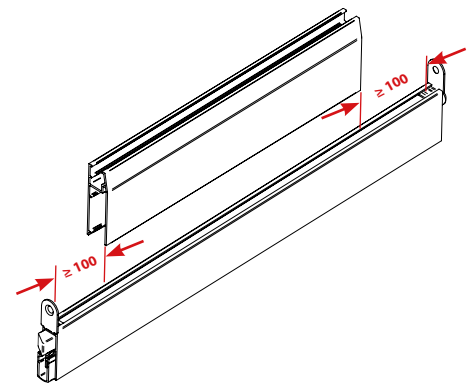
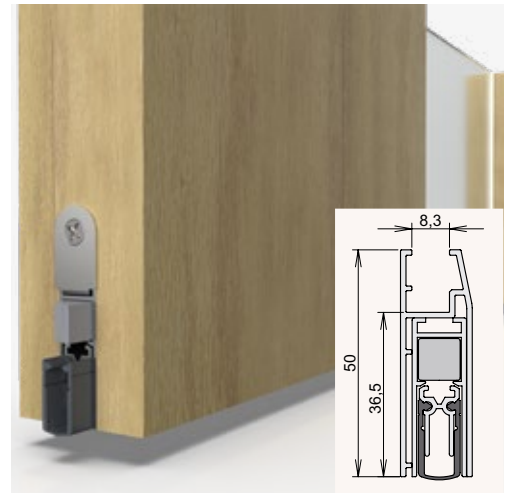


Technical data

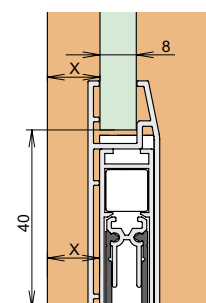
Dimensions	15 x 36.5 + x 13.5 mm	
Actuation	Double	Single
Sealing profile material	Silicone, self-extinguishing	
Travel	11 mm	
Min. length	650 mm (n. s.)	235 mm (n. s.)
Standard lengths	708, 833, 958, 1,083, 1,208 mm	
Maximum length	1,333 mm	
Can be shortened by	Seal: 125 mm Adapter profile: any	
Individually packed	Foil tube	
Article number	1-710	1-711
Accessories (included in delivery)	Art. no. 5220 - Adapter profile - 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-clamping aluminium adapter profile for glass
- Subsequent reduction in door height of 3 mm possible.



- End view: Timber frame with groove
- Door leaf can be shortened on site by 3 mm.



- Cross section: Glass element
- Glass at the bottom about 40 mm shorter than the door panel



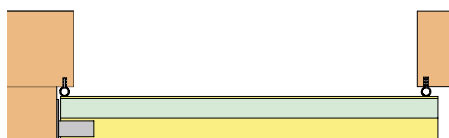
Surface finish

Schall-Ex® Slide GS-A

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

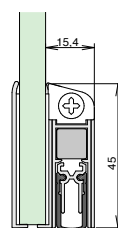


Fixing



Technical data

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



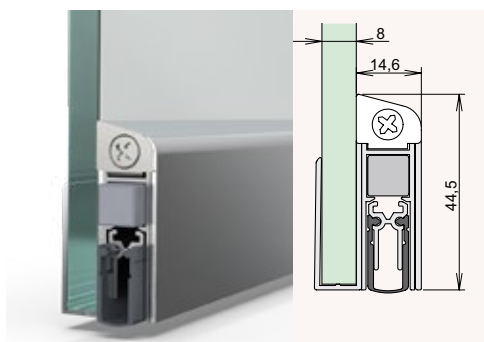
Accessories
(included in delivery)

Art. no. 5503
including stainless steel press plate



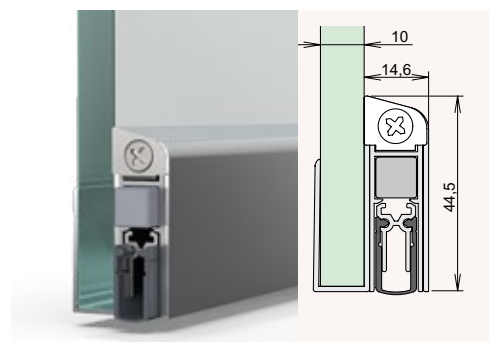
Schall-Ex® Slide GS-8

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



Schall-Ex® Slide GS-10

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



Surface finish

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

Fixing



Technical data

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

Accessories
(included in delivery)

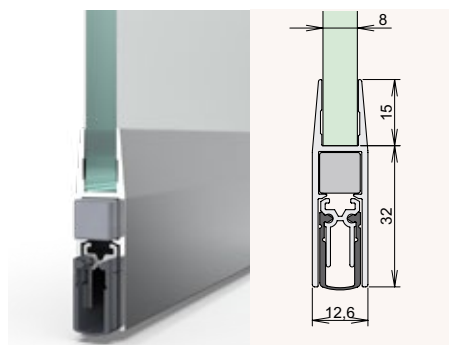
Art. no. 5424
including zinc die-cast press plate

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



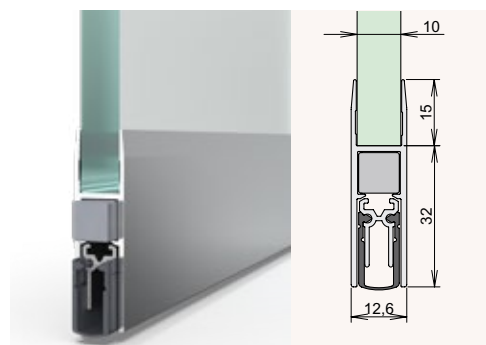
Schall-Ex® Slide GS-H8

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



Schall-Ex® Slide GS-H10

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



Surface finish

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

Fixing



Technical data

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

Accessories
(included in delivery)

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

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

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



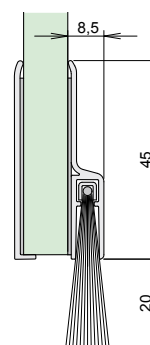
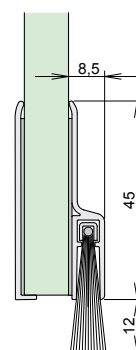
Glasdicht SK

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



Technical data

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





“RUNDUMDICHT” sealing systems

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

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

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

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

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



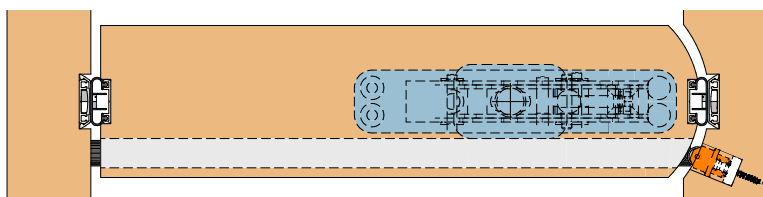
“Rundumdicht” Pivot L-15



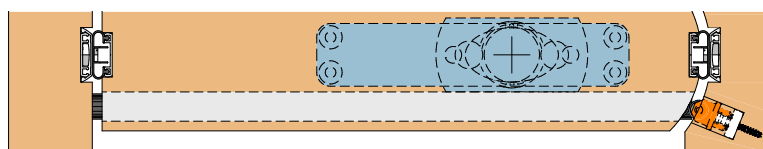
Complete sealing system for pivot doors



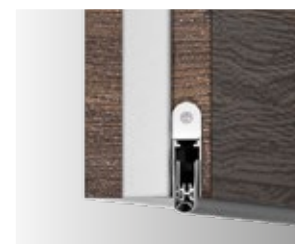
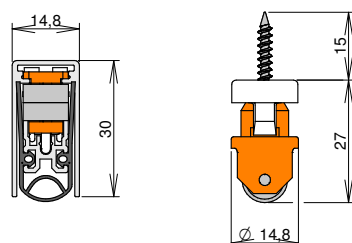
- For single-wing timber pivot doors
- Effective seal against sound, smoke, draughts and odours
- Four-sided sealing system without compromising on appearance
- Sealing at top and bottom with automatic drop seal
- Special roller actuator with a counter roller allows the door to be opened in both directions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



Top view



Bottom view



Technical data

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



“Rundumdicht” Universal M-12

Complete sealing system for sliding doors



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



- For sliding doors made of timber, metal and glass



- Effective seal against sound, smoke, draughts and odours

- Four-sided sealing system without compromising on appearance

- Sealed at top and bottom with automatic drop seal

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

- This prevents the door from rattling when exposed to draughts

- Self-locking system without additional latching or locking

- No need for frame, back rabbet or inlet pocket

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

- Can be combined with many common sliding door fittings

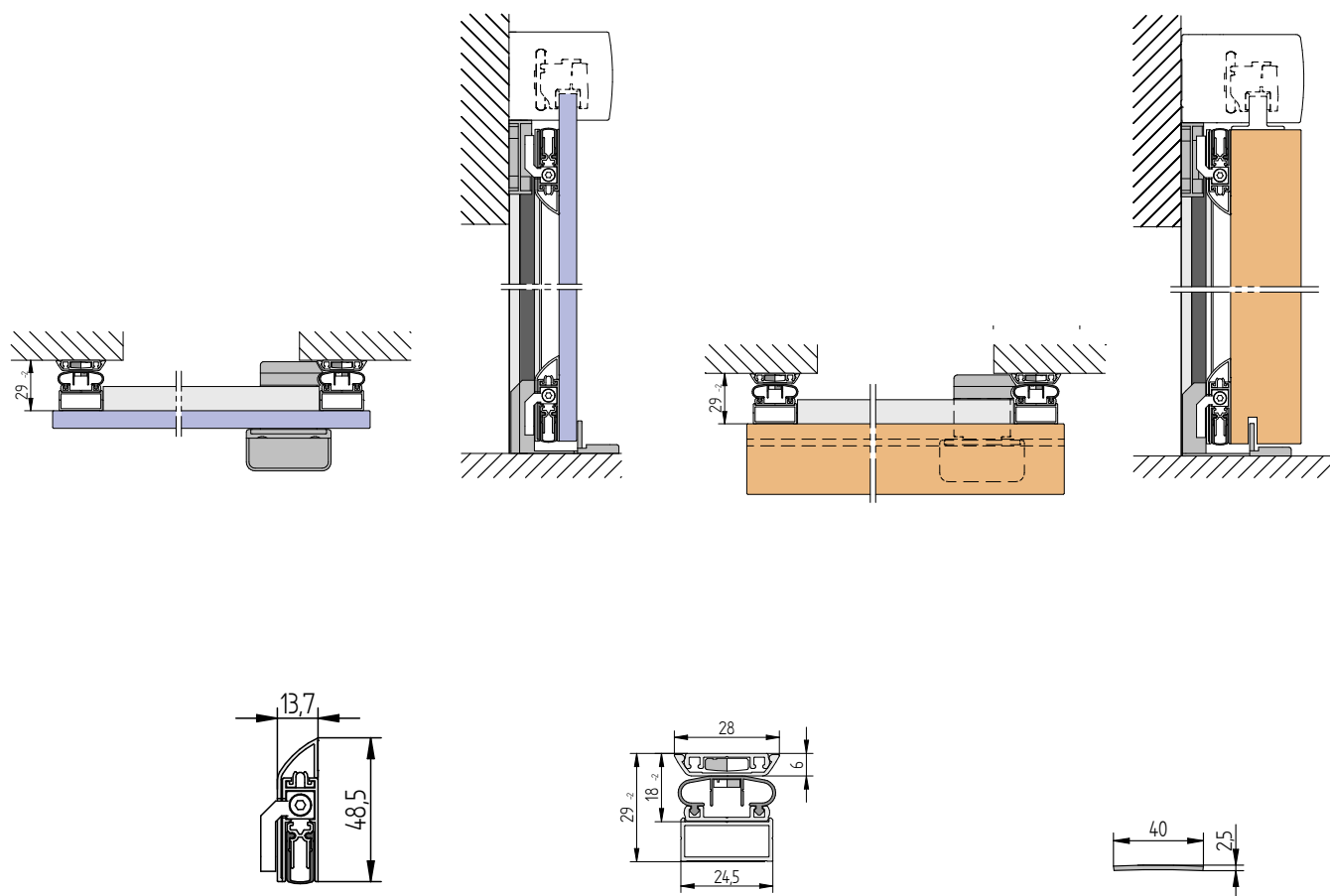
- Very low opening forces thanks to ideally matched magnetic sealing profiles

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

- Low planning and installation effort

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

(> 200,000 cycles)



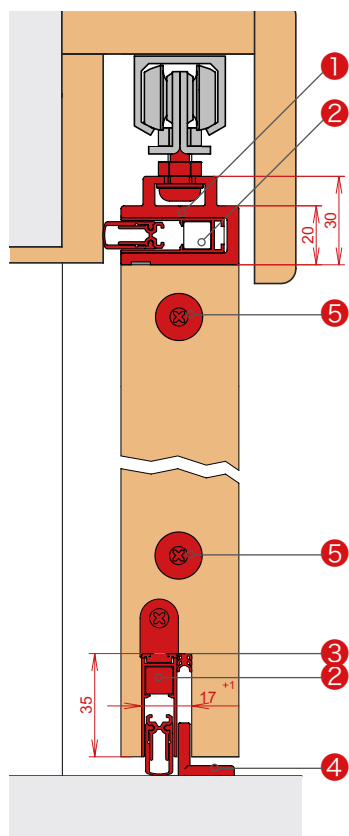
Set consisting of:	2 pieces	2 sets	1 pieces
Article designation	Slide M-12 Universal ZA	Slide Magnet	Stainless steel threshold 365
Technical data			
Dimensions (H x W)	13.7 x 48.5 mm	28 x 29 mm	40 x 2.5 mm
Actuation	Single, pull actuation	Magnet	-
Travel	11 mm	-	-
Sealing profile	Silicone, self-extinguishing	Silicone, self-extinguishing	-
Sealing profile colour	Grey	Grey	-
Profile material	Aluminium	Aluminium, natural, visible profiles anod.	Stainless steel
Surface finish	C-0, C-31	Silver-coloured, anod. C-0 / stainless steel-coloured, anod. C-31	Brushed satin
Min. length	450 mm	-	-
Maximum length	1,500 mm	3,000 mm	1,500 mm
Standard lengths	Fixed lengths only	2,500 mm / 3,000 mm	Fixed lengths only
Can be shortened by	Cannot be shortened	As required	As required



"Rundumdicht"

**Complete sealing system
for sliding doors**

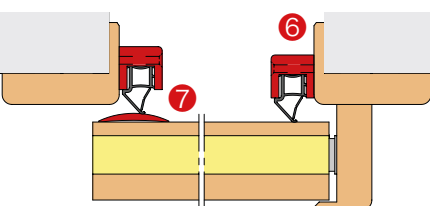
- Sliding door runs in front of the wall
- Increased tightness against:
 - Sound
 - Draughts
 - Smoke
 - Odours
- For sliding wings up to a width of 1,958 mm and a weight of up to 80 kg
- Intended for butt hinges with M8 connectors



VHH M-12 Set

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

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



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

Technical data

Groove width	12 mm
Actuation	Single
Sealing profile material	Silicone, self-extinguishing
Travel	11 mm
Min. length	280 mm (cannot be shortened)
Maximum length	1,958 mm
Can be shortened by	125 from 708 mm

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



"Rundumdicht"

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

- For enhanced seal against noise, draughts and smoke

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



Example:

System consisting of

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

All-glass sliding door running in front of the wall

Upper door seal ①

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

Lateral seals ②

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

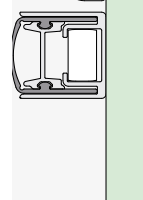
Lower door seal ③

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

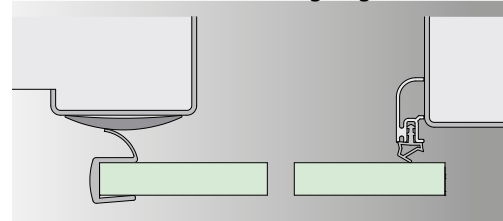
Door leaf guide ③

Sliding doorguide Art. 5106

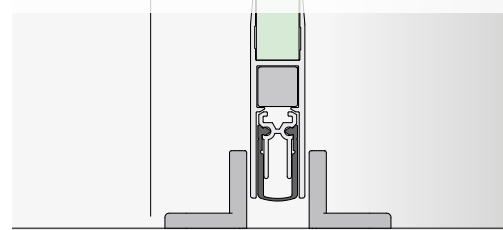
① Above: Door seal on the door leaf



② On the side: Seal on the secondary closing edge



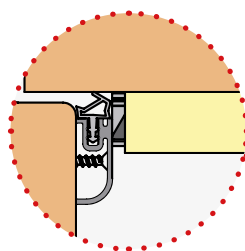
③ Below: Schall-Ex® Slide





"Four sides sealed" Applic Set

- Sound insulation set for retrofitting
- Sealing set for retrofitting



Models

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

Technicale data

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

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

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



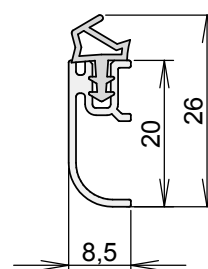
Unitherm FAS-20

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



Technical data

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







AUTOMATIC DOOR SEALS for retrofitting

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

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

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

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

Athmer - securely sealed.





NADI® Seals for retrofitting

- Smoke, fire and acoustic doors / dampers
- Damp and wet room doors
- Single- and double-wing hinged doors/dampers
- Thin and thick rebate doors, flush-fit doors/dampers
- Suitable for doors made of timber, metal, plastic, and glass
- Innovative sealing system for subsequent upgrading for smoke protection.*
- Noise-reduced door closing with damping function
- Quick, secure and inexpensive installation thanks to pre-formed corners
- Maintenance-free system
- Can be installed without removing the door
- No additional sealing measures required
- Elegant, snap-on cover profile without any visible screws. Surface silver-coloured, anodised (C-0)



Fire doors



Acoustic doors



Closes with a tight seal



Damp room doors



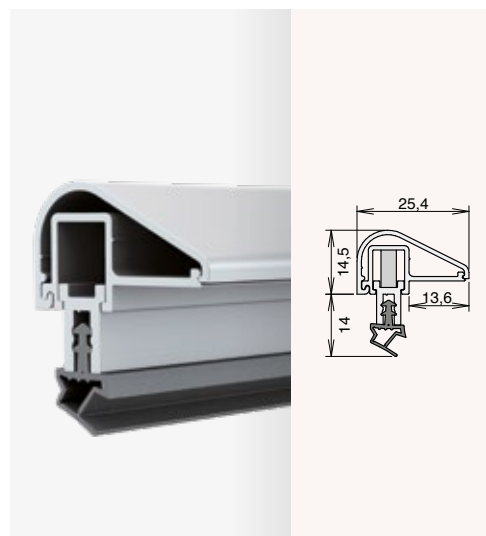
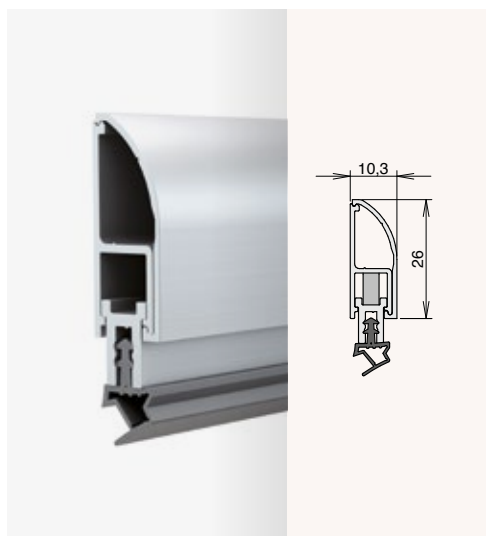
Barrier-free access



Smoke protection

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

NADI® set profiles



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

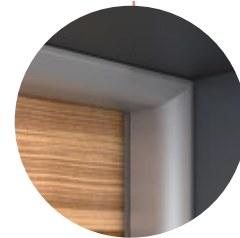
Technical data

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

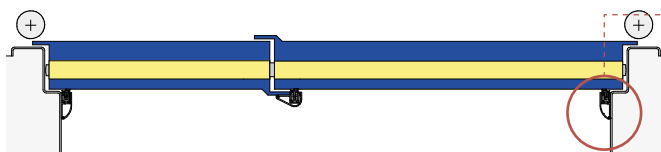


NADI® LM SET for reveal mounting

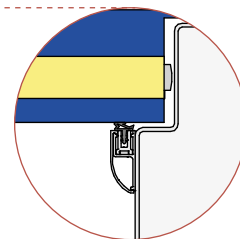
- For single and double-wing doors
- **Optionally** with automatic seals for retrofitting Schall-Ex® L-15 FS



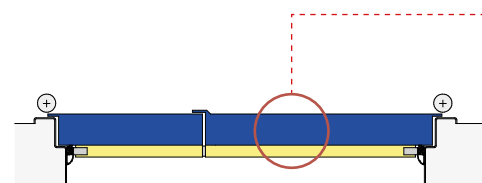
Fixing



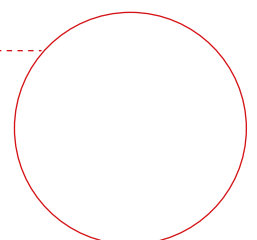
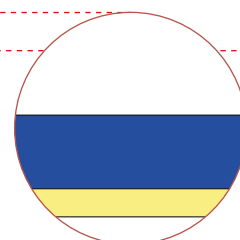
- Installation of Nadi®: on the closing face
- Installation of automatic door seal: In the groove



Optional



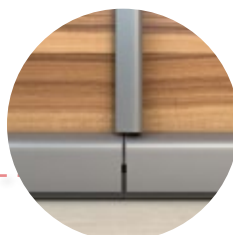
- Installation of Nadi®: on the closing face
- Installation of Schall-Ex® L-15 FS: on the closing face



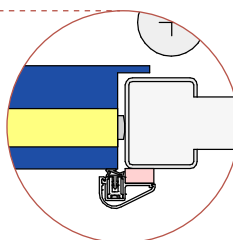
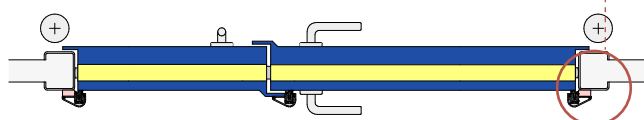


NADI® FM SET for flush-fit installation

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

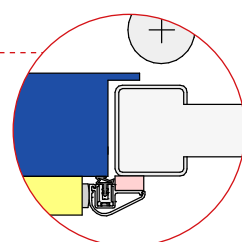
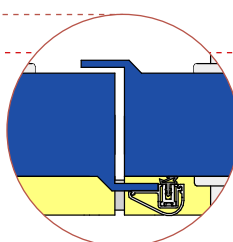
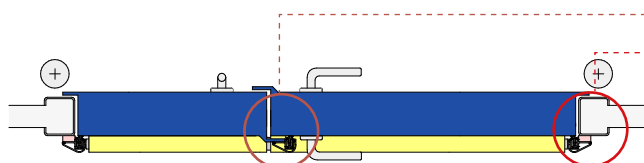


Fixing



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

Optional

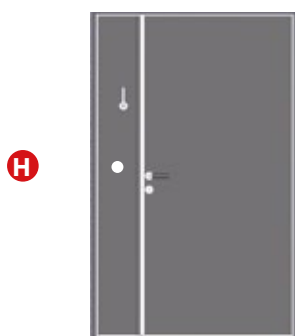


- Installation of Nadi®: on the closing face
- Installation of Schall-Ex® L-15 FS: on the closing face

Set- Overview



W



W

NADI® LM set
Art. no.

NADI® FM set
Art. no.

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
Double-wing door (mm)	H 3,000 x W 951 - 1,250	320 226	320 245
	H 3,000 x W 1,251 - 1,500	320 227	320 246
	H 2,100 x W 951-1,250	320 203	320 247
	H 2,100 x W 1,251 - 1,500	320 204	320 248
	H 2,100 x W 1,501 - 1,800	320 205	320 249
	H 2,100 x W 1,801 - 2,100	320 206	320 250
	H 2,100 x W 2,101 - 2,400	320 207	320 251
	H 2,100 x W 2,401 - 2,700	320 316	-
	H 2,400 x W 951 - 1,250	320 211	320 252
	H 2,400 x W 1,251 - 1,500	320 212	320 253
	H 2,400 x W 1,501 - 1,800	320 213	320 254
	H 2,400 x W 1,801 - 2,100	320 214	320 255
	H 2,400 x W 2,101 - 2,400	320 215	320 256
	H 2,400 x W 2,401 - 2,700	320 317	-
	H 2,700 x W 951 - 1,250	320 219	320 257
	H 2,700 x W 1,251 - 1,500	320 220	320 258
	H 2,700 x W 1,501 - 1,800	320 221	320 259
	H 2,700 x W 1,801 - 2,100	320 222	320 260
	H 2,700 x W 2,101 - 2,400	320 223	320 261
	H 2,700 x W 2,401 - 2,700	320 224	320 262
	H 3,000 x W 951 - 1,250	320 228	320 263
	H 3,000 x W 1,251 - 1,500	320 229	320 264
	H 3,000 x W 1,501 - 1,800	320 230	320 265
	H 3,000 x W 1,801 - 2,100	320 231	320 266
	H 3,000 x W 2,101 - 2,400	320 232	320 267
	H 3,000 x W 2,401 - 2,700	320 233	320 268
	H 3,000 x W 2,701 - 3,000	320 234	320 269

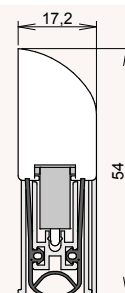
Further sets on request.

Optional

Schall-Ex® L-15 FS

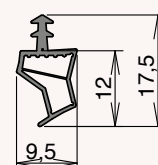
The best sound insulation
for retrofitting (see p. 88)

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



Sealing profile 102

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





NADI® LM K Set

for reveal mounting

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

NADI® FM K Set

for flush-fit installation

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

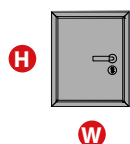


Application example and fixing

- ▢ See NADI® LM/FM set, page 78-79

Note

- ▢ One set consisting of two lengths



Fire dampers (mm)

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

Order example

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

1 set = 2 off

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

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

WE-Dicht

Retrofit sealing system for tight-closing apartment entrance doors

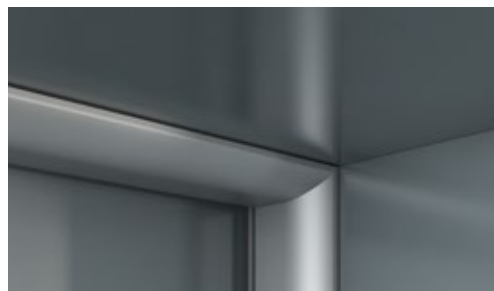
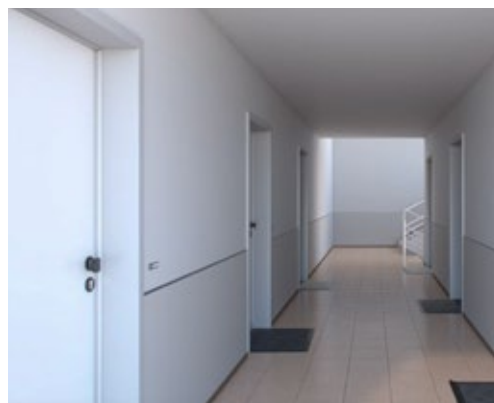
Extra comfort regarding sound insulation and energy saving by retrofitting WE-Dicht on existing apartment entrance doors.

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

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

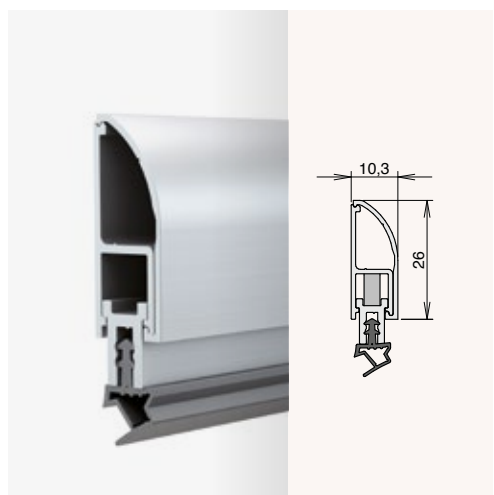
- Reduces draughts
- Optimises thermal insulation
- Improves the closing quality
- Tamper-proof
- Fast assembly
- 1 Set fits 6 interior door DIN sizes

WE-Dicht creates consistently satisfied tenants.



Technical data

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



This system convinces professionals with its fast assembly time.

Doors fitted with WE-Dicht are tightly sealed sustainably!

Schall-Ex® Applic

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



Smoke and fire doors



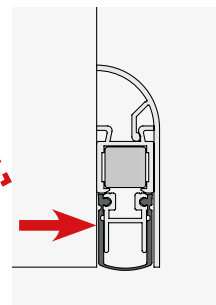
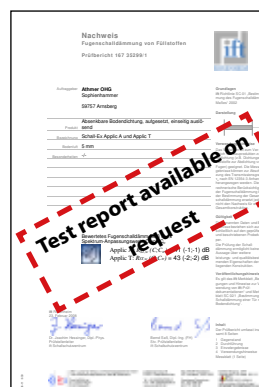
- Use of self-extinguishing silicone profile

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

Acoustic doors



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



Barrier-free



- Meets requirements for barrier-free construction

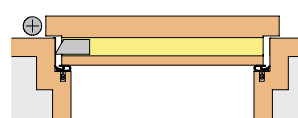
"Ü" sign of compliance



- Supplied with the "Ü" sign of compliance

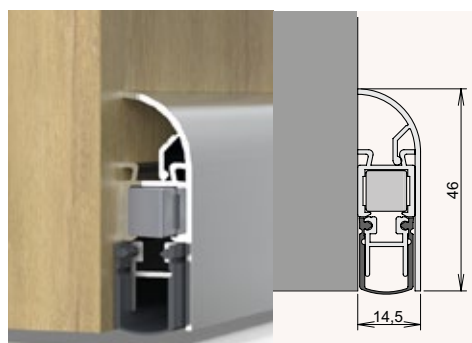
Fixing

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

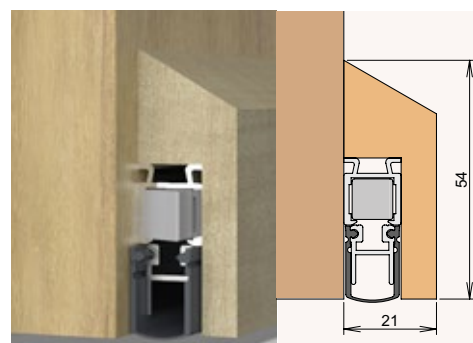




Schall-Ex® Applic A



Schall-Ex® Applic T



Plinth

- Aluminium
- Snap-on cover profile
- Concealed screws

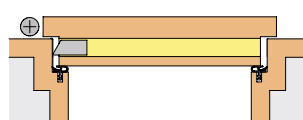
- Oak timber

Finishes

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

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

Fixing



Technical data

Overall dimensions H x W

14.5 x 46 mm

21 x 54 mm

Actuation

Single

Single

Sealing profile material

Silicone, self-extinguishing

Silicone, self-extinguishing

Travel

Recommended 5 mm (max.11 mm)

Recommended 5 mm (max.11 mm)

Min. length

235 mm (cannot be shortened)

235 mm (cannot be shortened)

Standard lengths

805, 930, 1,055 mm

805, 930, 1,055 mm

Maximum length

1,333 mm

1,333 mm

Can be shortened by

125 mm

125 mm

Individually packed

Foil tube

Foil tube

Article number

1-658
C-0

1-668
RAL 9016

1-669
C-34

1-659

Accessories
(included in delivery)

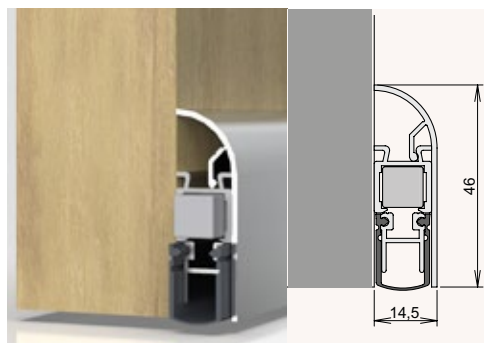
Art. no. 5126
including stainless steel press plate

Art. no. 5126
including stainless steel press plate



Schall-Ex® SLIDE Applic A

➤ For sliding doors running in front of the wall



Plinth

- Aluminium
- Snap-on cover profile
- Concealed screws

Finishes

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

Fixing



Technical data

Overall dimensions H x W

14.5 x 46 mm

Actuation

1-sided, closing face

Sealing profile material

Silicone, self-extinguishing

Travel

Recommended 5 mm (max.11 mm)

Min. length

235 mm (cannot be shortened)

Standard lengths

805, 930, 1,055 mm

Maximum length

1,333 mm

Can be shortened by

125 mm

Individually packed

Foil tube

Article number

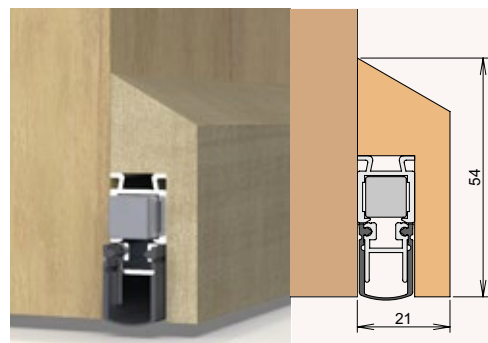
1-717 C-0	1-810 RAL 9016	1-811 C-34
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Accessories
(included in delivery)

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

Schall-Ex® SLIDE Applic T

➤ For sliding doors running in front of the wall



➤ Oak timber

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

21 x 54 mm

1-sided, lock side

Silicone, self-extinguishing

Recommended 5 mm (max.11 mm)

235 mm (cannot be shortened)

805, 930, 1,055 mm

1,333 mm

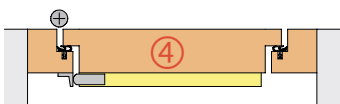
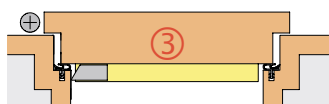
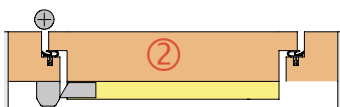
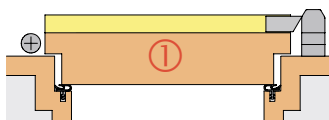
125 mm

Foil tube

1-718

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

Wind-EX



Plinth

Surface finish

Packaging

Accessories / Fixing options

- Prevents draughts
- Saves heating costs
- For enhanced living comfort
- Aluminium
- Snap-on cover profile
- Concealed screws
- Silver-coloured, anodised C-0
- White, powder-coated RAL 9016
- Dark bronze, anodised (C-34)
- Sales packaging including installation instructions
- With pressure block(① ②)
- With angle pressure bracket (Wind-Ex A ④)
- With press plate
- With end cover caps



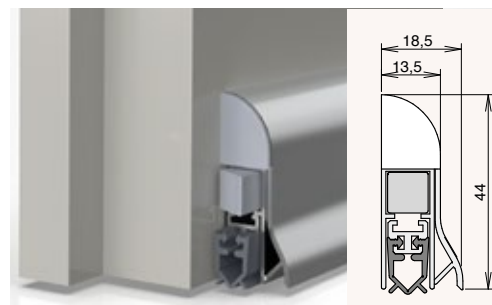
Wind-EX

Wind-EX RTK-1

With integral rainwater drip edge

Technical data

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



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

Wind-EX US

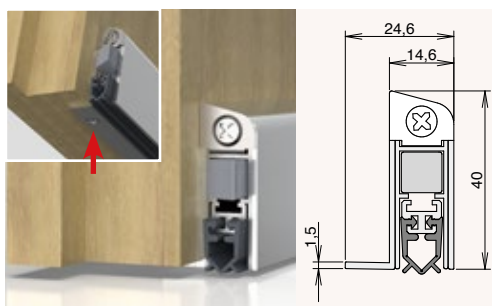
No visible damage to door

Wind-EX A

For sticking on

Technical data

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



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



Schall-Ex® L-15 FS

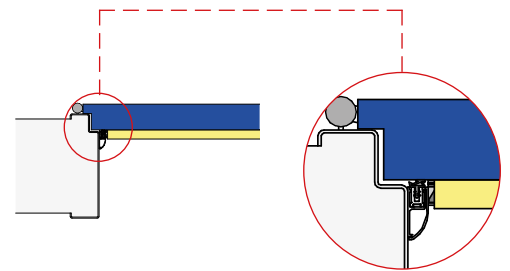
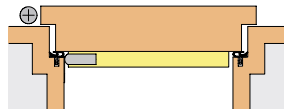
The best sound insulation for retrofitting

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

Surface finish

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

Fixing



Technical data

Overall dimensions H x W

54 x 17.2 mm

Actuation

Single

Sealing profile material

Silicone, self-extinguishing

Travel

20 mm

Minimum length (cannot be shortened)

235 mm (cannot be shortened)

Standard lengths

805, 930, 1,055 mm

Maximum length

1,600 mm

Can be shortened by

125 mm

Article number

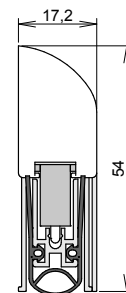
1-885
C-31

1-884
C-0

1-888
C-34

Accessories
(included in delivery)

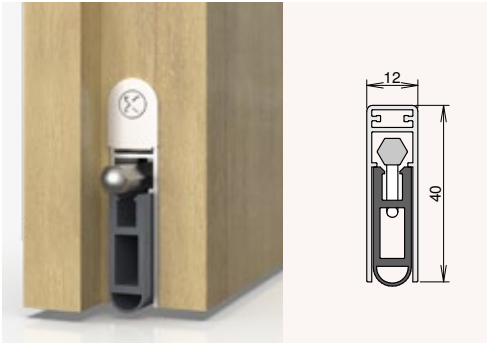
Art. no. 5314
including stainless steel press plate





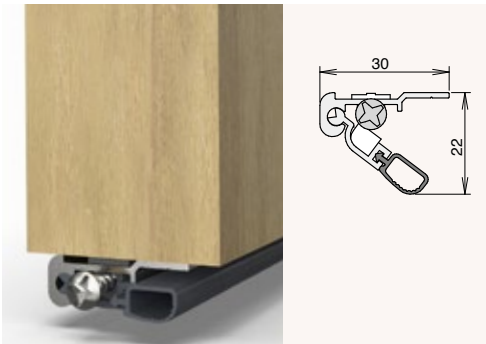
Kältefeind®Allround

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

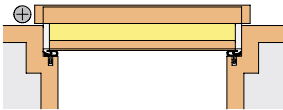
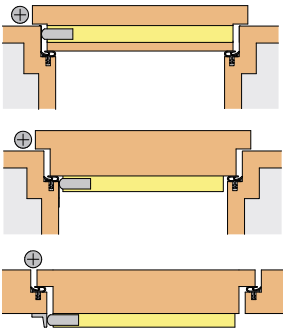


Luftstopp

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



Fixing



Technical data

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

Accessories
(included in delivery) Art. no. 5128

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

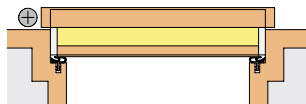
Art. no. 5503 including press plate

Tilt seal A-15

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

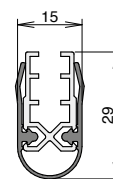


Fixing



Technical data

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



Accessories
(included in delivery)

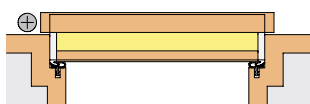
Art. no. 5512

Tilt seal B-12

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

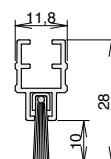


Fixing



Technical data

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

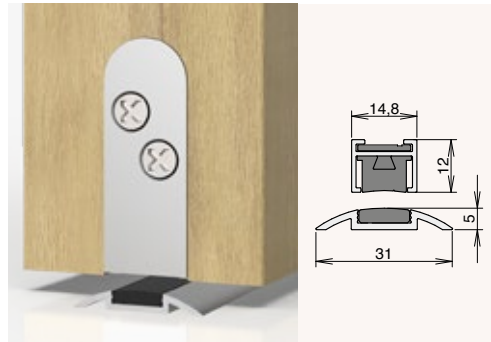


Accessories

Art. no. 5512

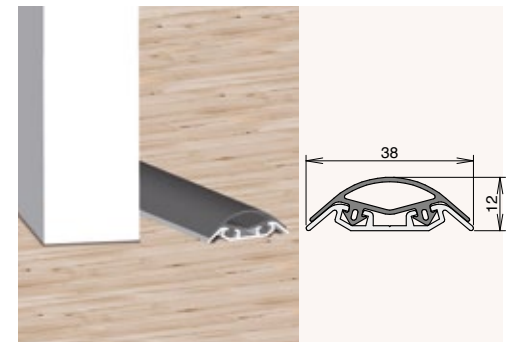
Magnetomat

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

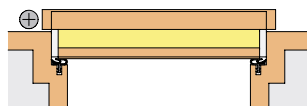


Threshold seal TS-88

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



Fixing



Technical data

Groove width 15 mm

Actuation -

Sealing profile material Magnetic tape

Travel | Adjustment range 5 mm

Min. length 585 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

1-167
C-0

-

Threshold profile

Plastic

3 mm

-

1,000 and 2,000 mm

2,000 mm

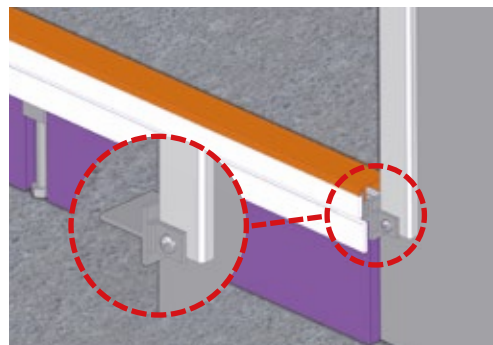
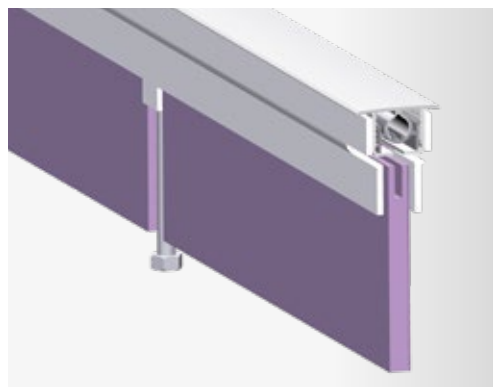
As required

3-132
Grey

3-134
Black

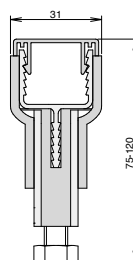
Screed separation ETS

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



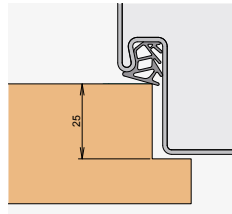
Technical data

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

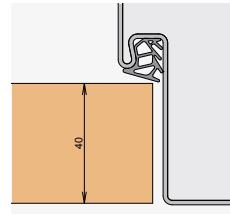


Screed separation ETS

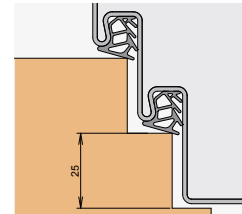
- 3 standard types. Further versions on request.



ETS-40F
Standard rebate



ETS-40S
Without rebate



ETS-65F
Double rebate

Options

Thresholds for ETB-94 / ETS

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



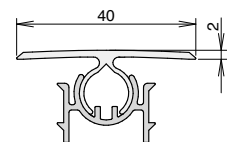
Flat threshold 40



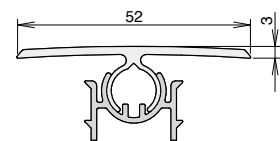
Flat threshold 52



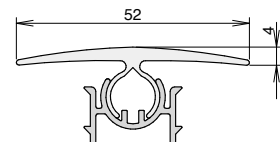
Half-round threshold 52



Art. no. 3 -199



Art. no. 3 -194



Art. no. 3 -197

Technical data

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

Optimal performance of seal

For carpets

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

For tiled floors

- Smooth contact surface is created
- Joints are sealed

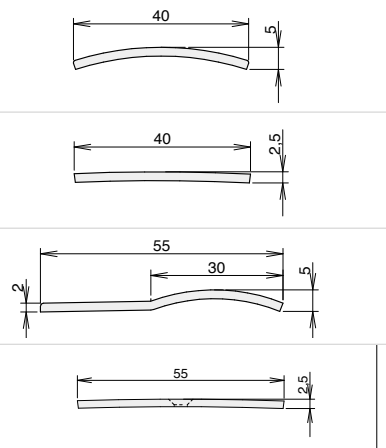
Stainless steel
With brushed matt finish, with protective foil

Stainless steel threshold 164
Art. no. 3 -107

Stainless steel threshold 365
Art. no. 3 -135

Stainless steel threshold 288
Art. no. 3 -103

Stainless steel threshold 513
Art. no. 3 -150



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

Aluminium threshold 090
Art. no. 3 -111

Aluminium threshold 253
Art. no. 3 -114

Aluminium threshold 088
Art. no. 3 -117

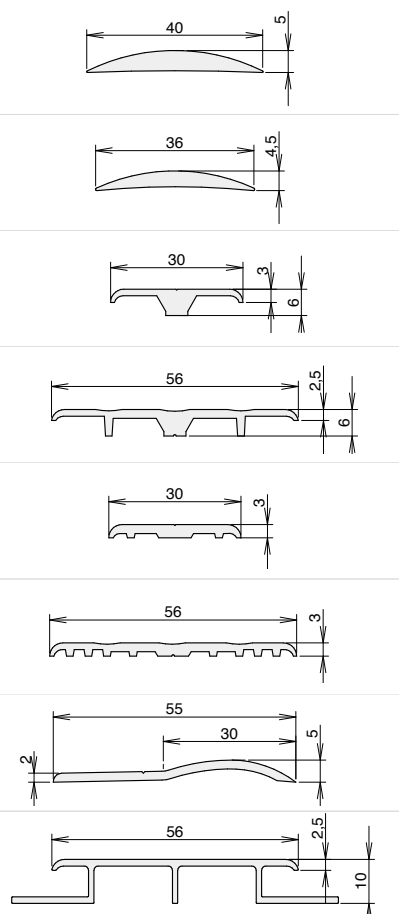
Aluminium threshold 277
Art. no. 3 -104

Aluminium threshold 308
Art. no. 3 -120

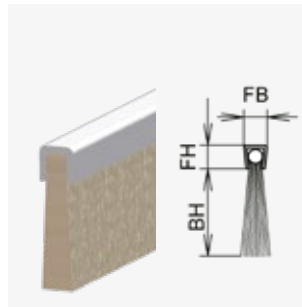
Aluminium threshold 278
Art. no. 3 -108

Aluminium threshold 217
Art. no. 3 -100

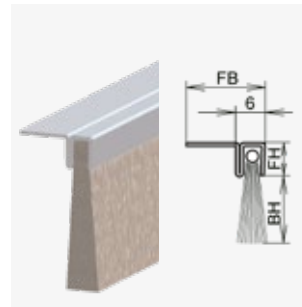
Aluminium threshold 496
Art. no. 3 -152



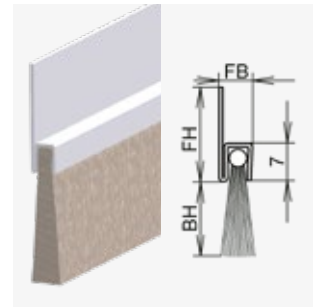
- Thresholds (aluminium and stainless steel) available with or without drill holes



For in-groove mounting



Screw-under



Screw-on

Nirobros

Alubros

Technical data

Type

Article number

Fixing

FB

FH

Brush material

Max. length

Carrier profile: Stainless steel

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

Carrier profile: Anodised aluminium

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

Technical data

Ferrobros

Carrier profile: Steel, GV

Type

Article number

Fixing

FB

FH

Brush material

Max. length

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

Type

Article number

Fixing

FB

FH

Brush material

Max. length

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

Properties

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

Natural bristles

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

Synthetic bristles

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

Tolerances

Type

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

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

Technical data

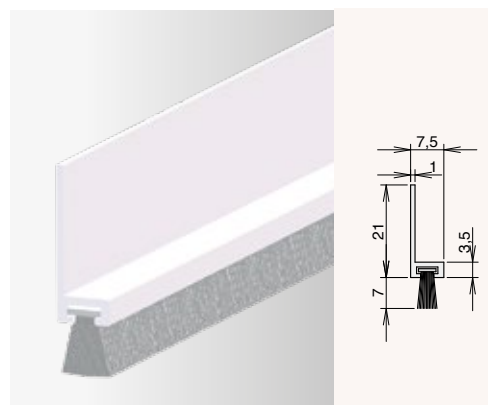
Type

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

KU III

- Carrier profile: Plastic, white or brown

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



SUPER brush seal

- Spring-mounted
- Flat aluminium adhesive carrier profile

Technical data

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





FRAME SEALS

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

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

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

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

**Technical data**

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

Schall-Ex® AP 1018 S

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

Schall-Ex® AP 1018 TE

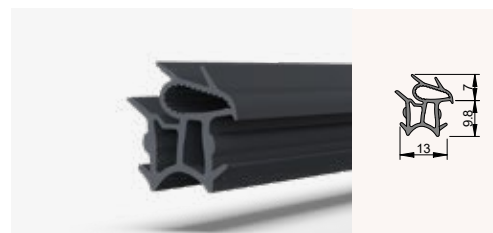
-	P160005	P160006	P160007	P160008
-	TPE			
-	5 - 7 mm			
-	100 m			
-	100 m			
-	Black	Beige	Brown	White

**Technical data**

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

Schall-Ex® AP 1019 TE

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

Schall-Ex® AP 2018 TE

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

**Technical data**

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

Schall-Ex® AP 1020 TS

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

Schall-Ex® AP 1023 TS

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

Unitherm I

Seals and dampens existing doors

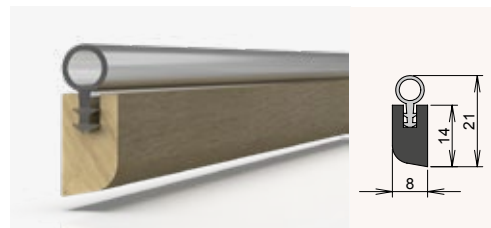


Technical data

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

Unitherm II HG

Seals and dampens existing doors



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

Unitherm II HK

Seals and dampens existing doors

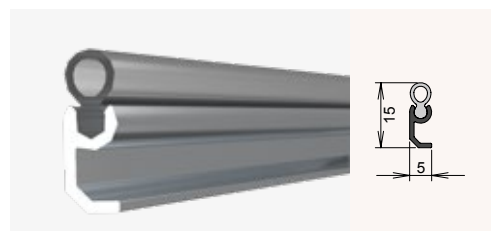


Technical data

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

Unitherm XIII

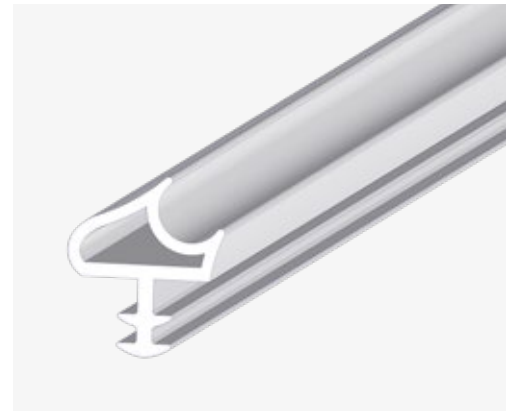
Seals and dampens existing doors



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

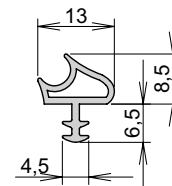
T-Dicht

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



Technical data

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



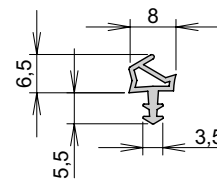
F-Dicht

- Especially suitable for doors and French doors



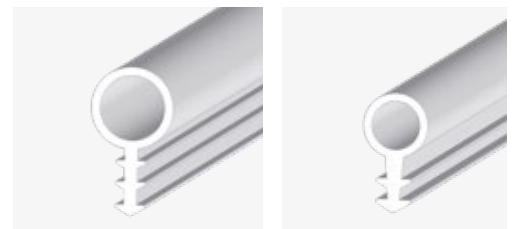
Technical data

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



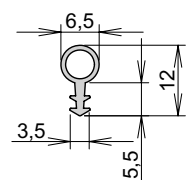
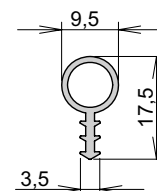
Sili I / Sili II

- Especially suitable for doors and French doors



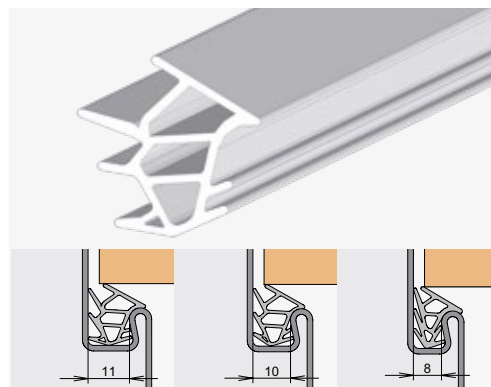
Technical data

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






ZD Universal

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



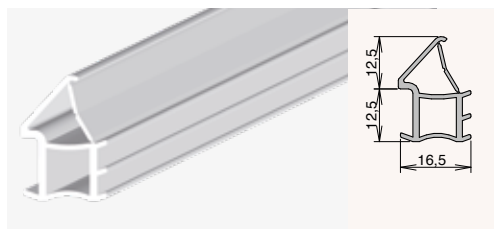
Technical data

Type
Article number
Length / Bundle measuring
Material
Colour

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

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

ZD Slide - 12/12



Technical data

Standard length
Article number
Sealing profile material
Sealing profile colour

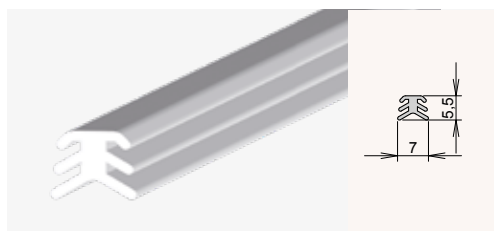
Available by themetre
210
Silicone
Grey

Unitherm Slide 22/22



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

Slide 5 for VHH



Technical data

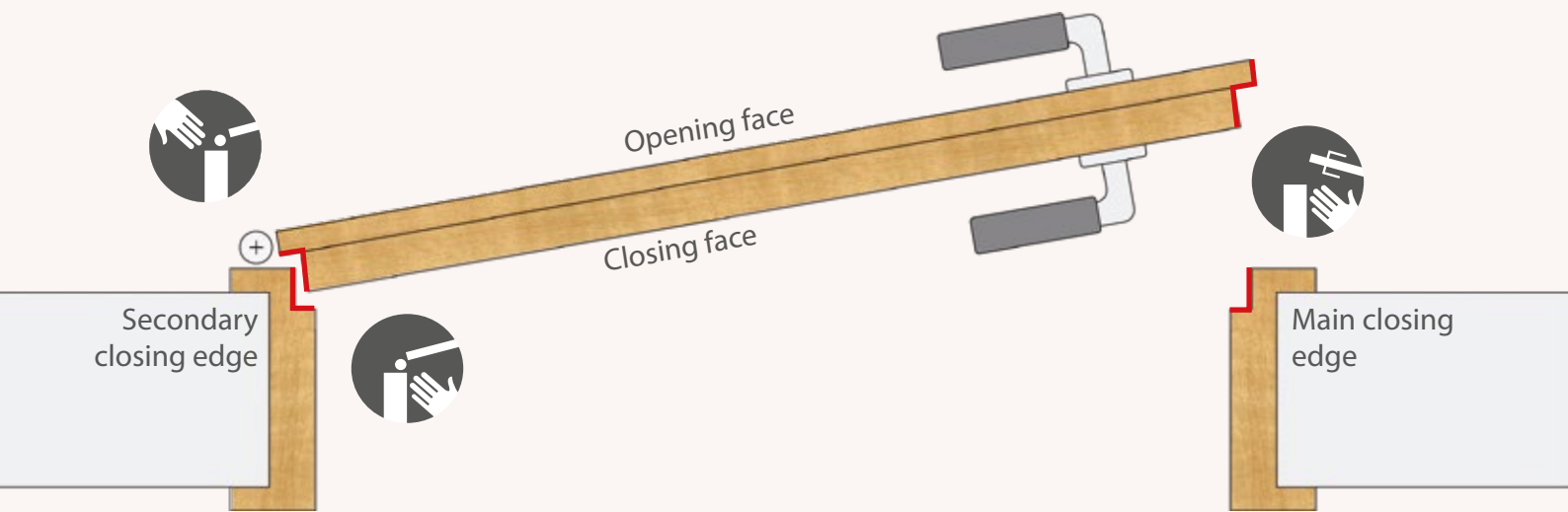
Standard length
Article number
Sealing profile material
Sealing profile colour

Available by themetre
284
Silicone
Grey

Slide VN - 8/10



Available by themetre
523
Silicone
Transparent



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

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

Finger protection on doors

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

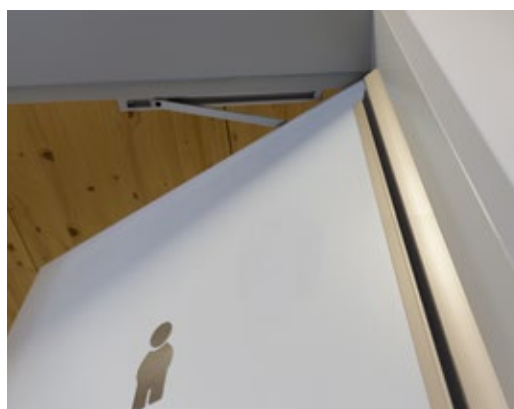
Finger protection in child daycare centres

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

Finger protection for fire doors

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

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



Use our product configurator on the Athmer website:

Further information can be found at:
www.athmer.com



Product family

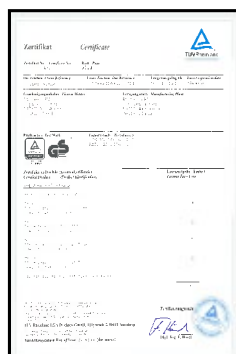


Athmer Finger Protection

for the hinge side on the closing face

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

Certified quality



www.tuv.com
ID 1111209885





NEW - NR-32 UniSafe® sets new standards

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

SAFETY in use

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

One DESIGN for all applications

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

KLiCK system for fast and secure installation/ deinstallation

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

INSTALLATION IN COMMERCIAL PROJECTS in two stages

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

ADAPTATION to panic fittings can easily be provided on site

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

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

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

MAINTENANCE and CLEANING through simple unlocking

- Problem-free hinge maintenance, seal adjustment possible




Image video

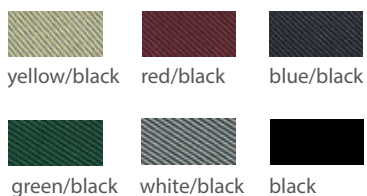


Installation video

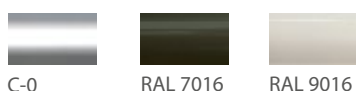
NR-32 UniSafe®

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

Fabric colour



Standard profile colours without additional cost



Profile colour

Further colours on request.



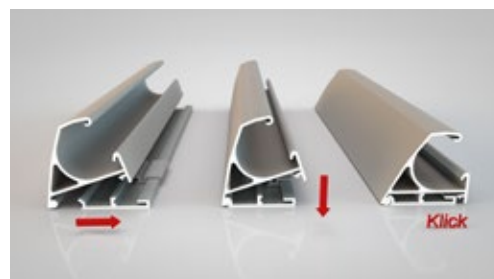
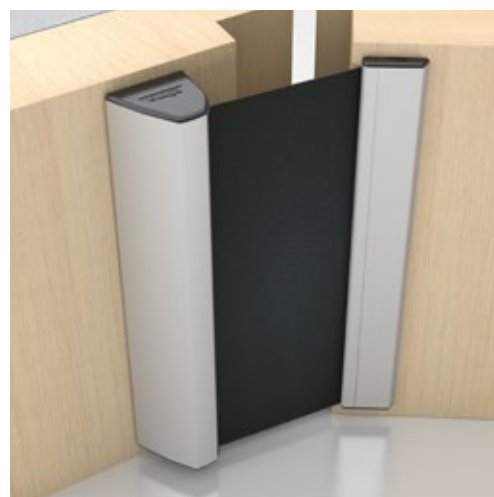
Technical data

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

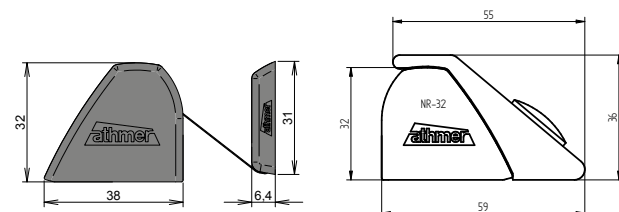
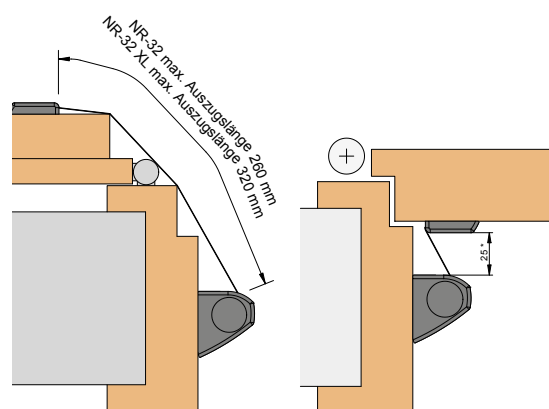
* Length supplied for standard doors in accordance with DIN 18101 with BR2000 and BR2125.

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

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



anthracite / w-proof in external use



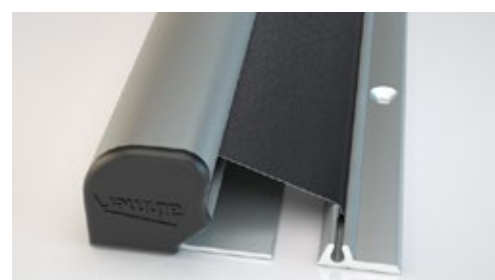
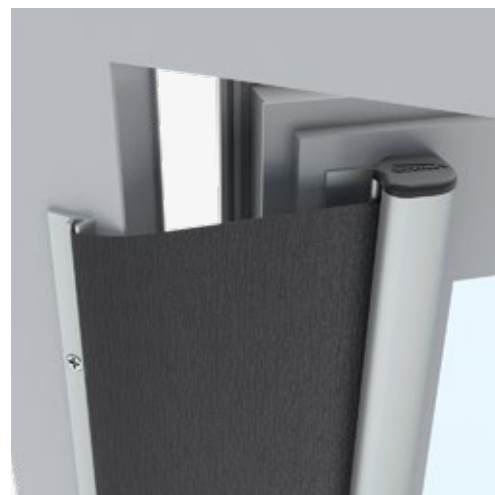


NR-26 w-proof

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

Verified long-term reliability 200,000

Extension length: 260 mm



Fabric colour



Anthracite

Profile colour



C-0



C-31



RAL 9016



RAL 3020



RAL 6005



RAL 7030



RAL 7016



RAL 9006

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

Technical data

Reduction in door clearancewidth

26 mm

Max. length

2,500 mm

Standard length*

1,925 mm

Length for power-operated doors

2,015 mm

Minimum length

325 mm

Fixed lengths

Available

Can be shortened by

-

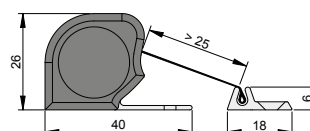
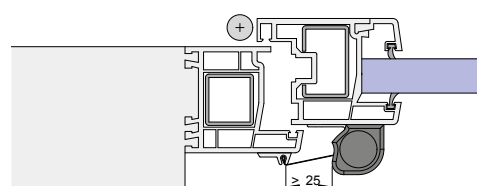
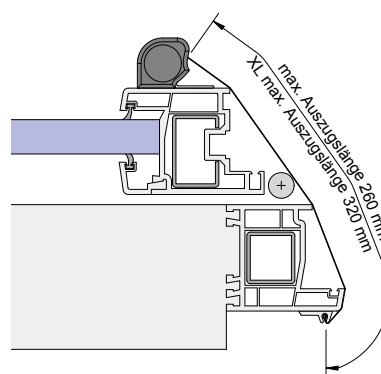
Standard accessories

5830

Accessories for timber frames**

5831

Further colours on request.





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



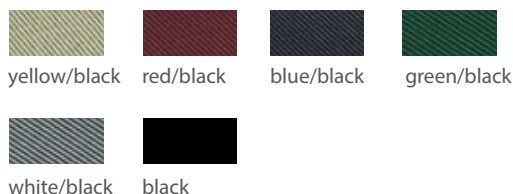
NR-30

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

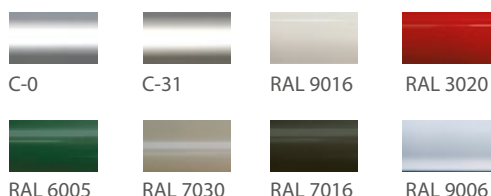
Verified long-term reliability: 1,000,000

Extension length: 260 mm

Fabric colour



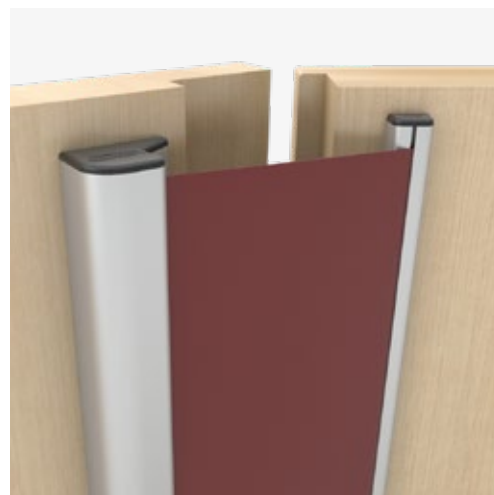
Profile colour



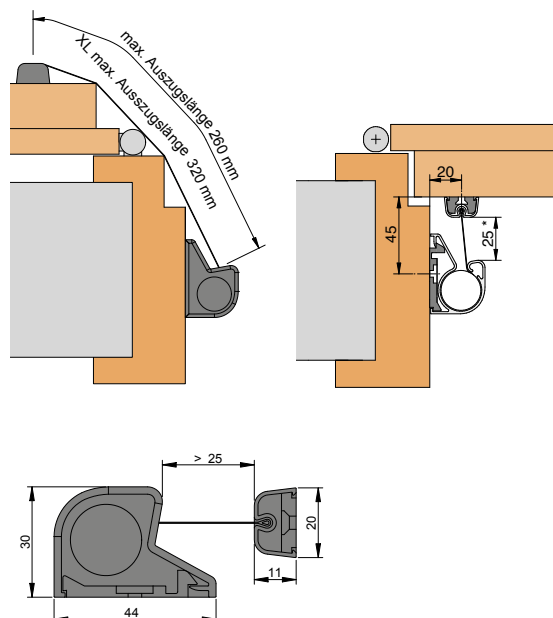
* Length supplied for standard doors in accordance with DIN 18101 with BR2000. For doors with BR2125, we recommend that you order a length of 2,050 mm. **Optional multi-use drill with Ø 3 mm, art. no. 5127

Technical data

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



Further colours on request.





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



NR-38

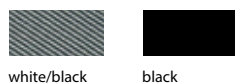
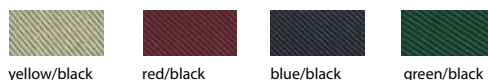
- Protective roller blind
 - automatically maintains constant tension
- Concealed screws on the blind side
- For mounting on wrap-around frames with a reveal depth from 60 mm
- Ergonomic shape
- Fire retardant synthetic fibre cover
- Synthetic fibre
- Optional: **NR-38 XL** with 320 mm extension length,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

Verified long-term reliability: 1,000,000

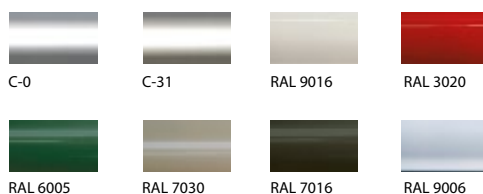
Extension length: 260 mm



Fabric colour



Profile colour



Further colours on request.

Technical data

Reduction in door clearancewidth

38 mm

Max. length

2,500 mm

Standard length*

1,925 mm

Length for power-operated doors

2,015 mm

Minimum length

325 mm

Fixed lengths

Available

Can be shortened by

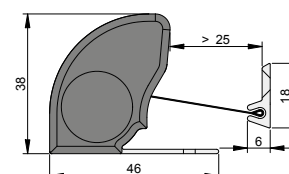
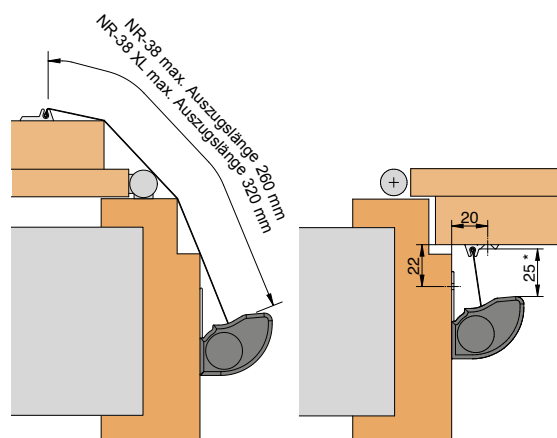
-

Standard accessories

5823

Accessories for metal door frames**

5125





NR-25

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

Verified long-term reliability: 1,000,000

Extension length: 260 mm



Fabric colour



black

Profile colour



C-0



C-31



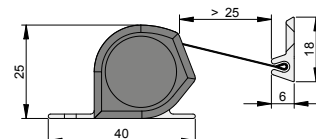
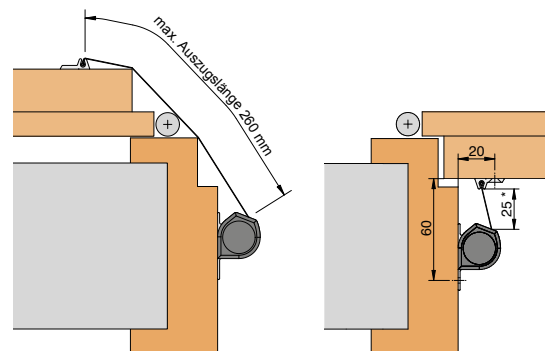
RAL 9016

Further colours on request.

Technical data

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

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





NA-7

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

Verified long-term reliability: 200,000

Extension length: 125 mm



Cover colour



Platinum grey RAL 7036

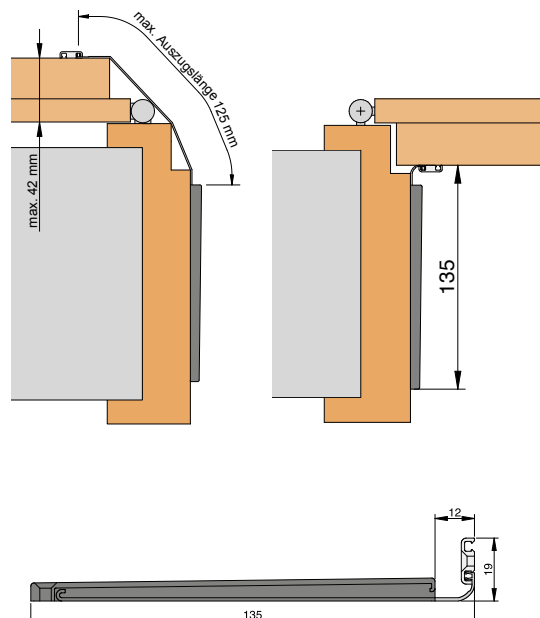
Profile colour



C-0

Technical data

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



Athmer Finger Protection on automatic doors

Tested in accordance with EN 16005

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

Retrofitting of existing doors according to ASR A1.7

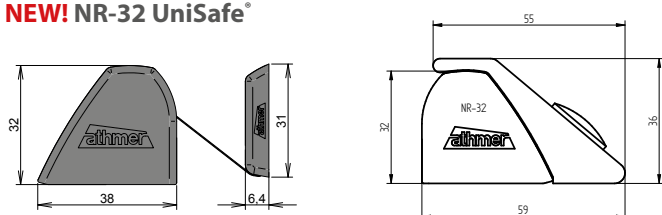
If during regular maintenance by the service technician it is determined that protective devices are missing or do not correspond to the current state of the art, this must be entered in the test logbook and communicated to the operator. In order to comply with the workplace regulation ASR A1.7, the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



For outdoor use

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

NEW! NR-32 UniSafe®



Opening side protective profiles

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

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

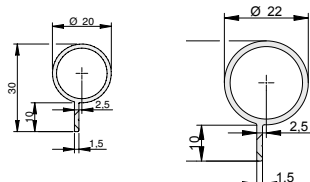


BO

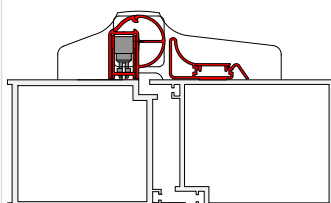
BA-28

BU-K⁺

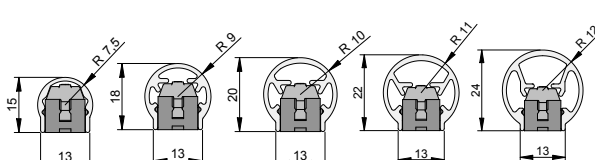
BO-20, BO-22

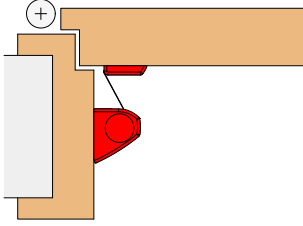
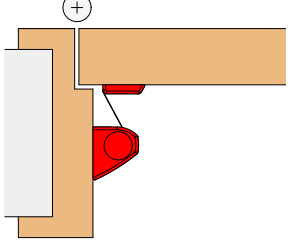
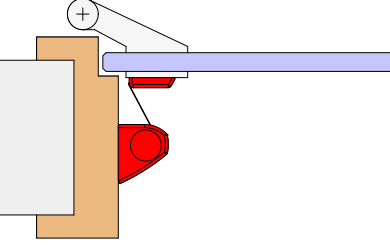


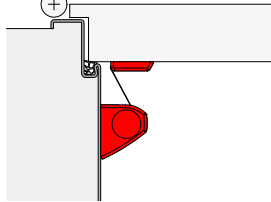
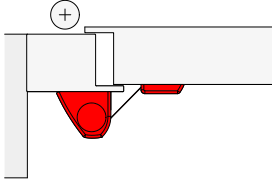
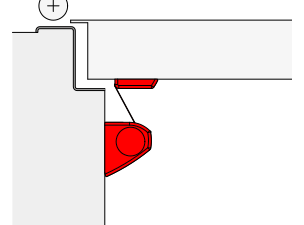
BA-28



BU-16K⁺, BU-18K⁺, BU-20K⁺, BU-22K⁺, BU-24K⁺

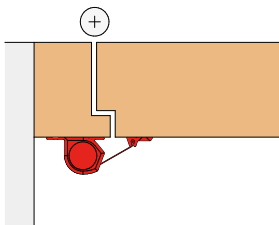
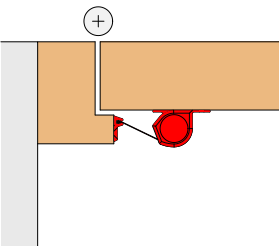
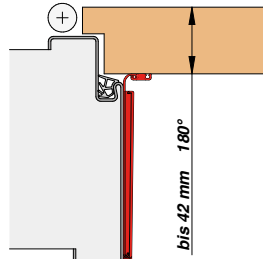
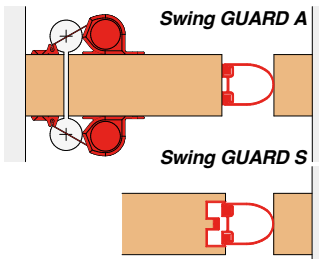


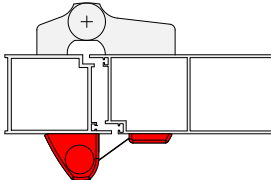
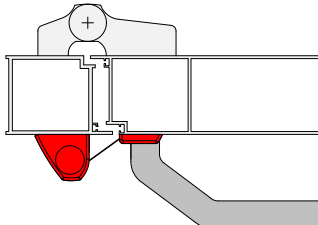
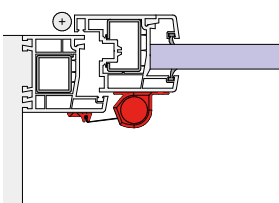
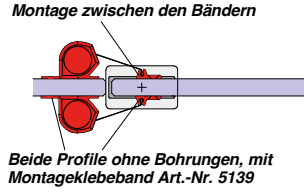
Frame	Timber wrap-around frame	Timber wrap-around frame	Timber wrap-around frame
Door leaf	Timber, with rebate	Timber, without rebate	All-glass
Door geometry			
Type NR-38	✓	✓	-
Type NR-32 UniSafe®	✓	✓	✓
Type NR-30	✓	✓	-
Type NR-26	-	-	-
Type NR-25	✓	✓	-
Type NA-7	✓	✓	-

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

For further applications, refer to:

Product selector at www.athmer-fingerschutz.de

Timber blocklock frame	Timber block frame	Steel wrap-around frame	Reveal frame
Timber, with rebate	Timber, without rebate	Timber, with rebate	Double-swing door
			
✓	✓	✓	-
✓	-	✓	-
✓	✓	✓	✓
-	-	-	-
✓	✓	✓	✓
✓	✓	✓	✓

Reveal frame	Reveal frame	Reveal frame	Glass wall
Aluminium profiled door, flush fit	Profiled door with bar handle, flush fit	Plastic profiled door, recessed	All-glass
			
✓	✓	✓	✓
✓	✓	✓	✓
✓	-	✓	-
✓	✓	✓	-
✓	✓	✓	✓
-	-	-	-

Please note:

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



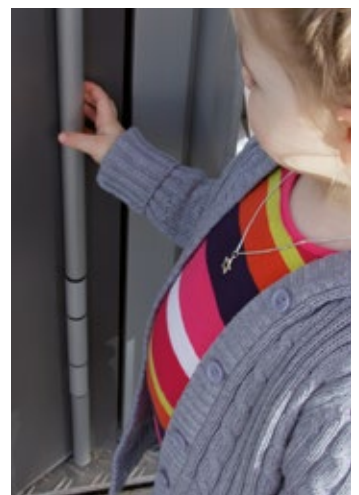
Product family



Opening side protective profiles

for the hinge side of the opening face

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

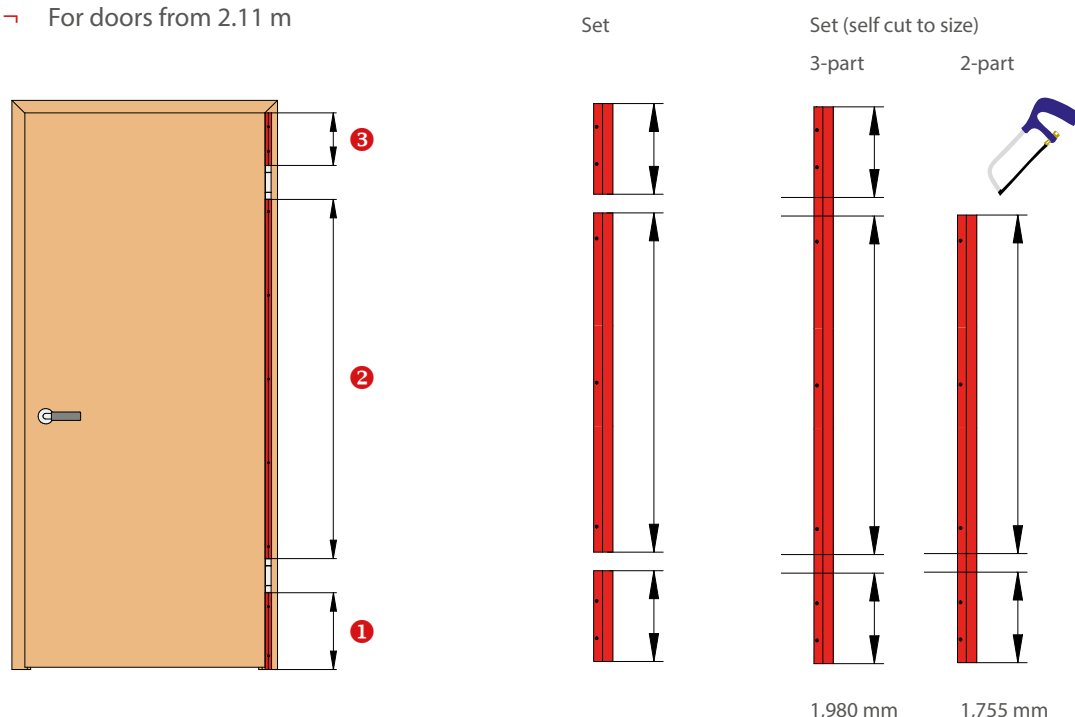


Sets

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

Sets for self cutting to size

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



Technical data for sets

Sets

Fixed lengths for profile 1 / 2 / 3

Snap-on fastening for BU-K⁺

for BU-K⁺ profiles

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



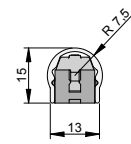
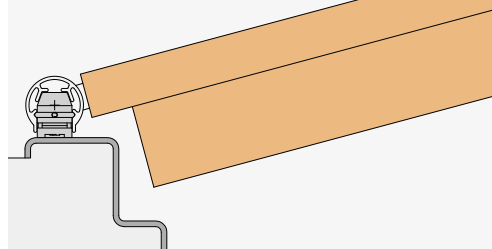
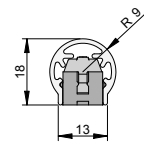
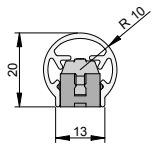
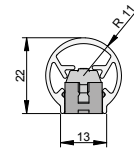
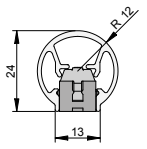


BU -K⁺

Protective profiles for rebated doors

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

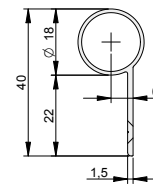
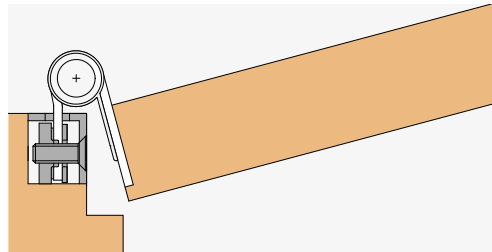
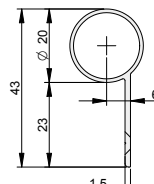
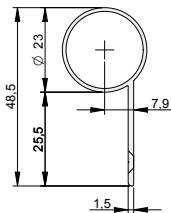
Application

BU-16K⁺BU-18K⁺BU-20K⁺BU-22K⁺BU-24K⁺

BD⁺

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

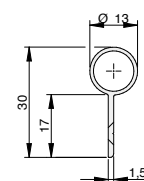
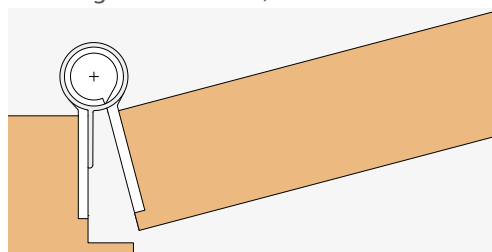
- Hinge Ø15 - 24 mm

BD⁺-18BD⁺-20BD⁺-23

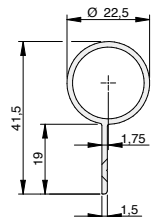
BO

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

- Hinge Ø12 - 14mm, 22 - 24mm



BO-13



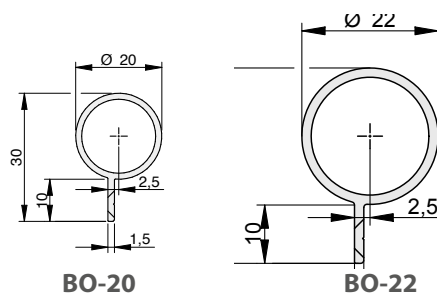
BO-23



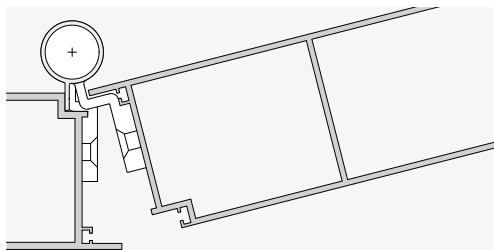
BO

Protective profiles for doors with flush fit profile doors

- Ø15 - 23mm hinge



Application



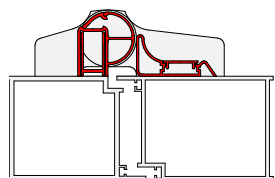
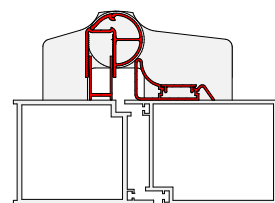
BA-28

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

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

Technical data:

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



BA-22

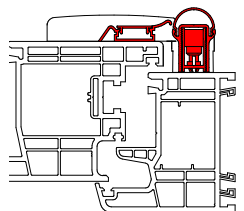
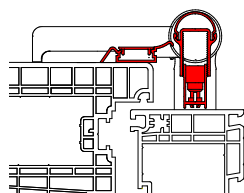
Protective system BA-22 for surface-mounted hinges on plastic doors

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

Technical data:

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

Length supplied: 1,900 mm, can be shortened



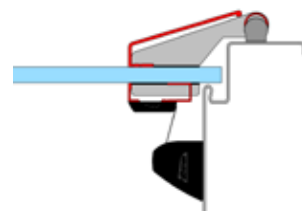
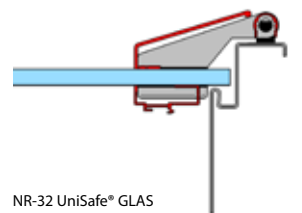
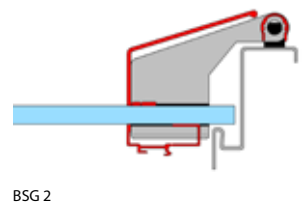
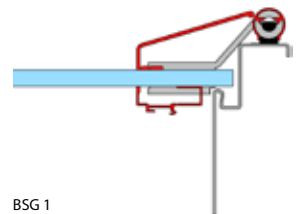


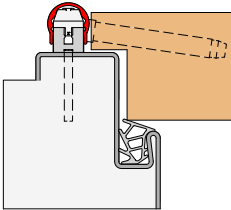
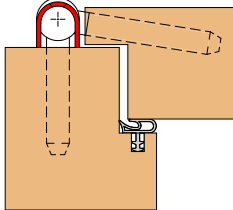
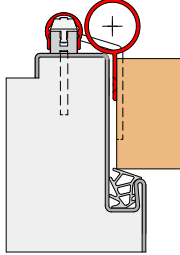
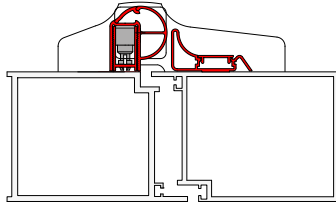
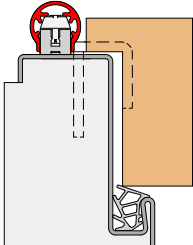
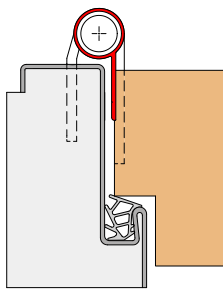
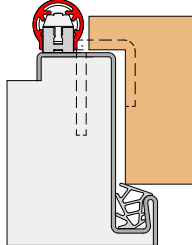
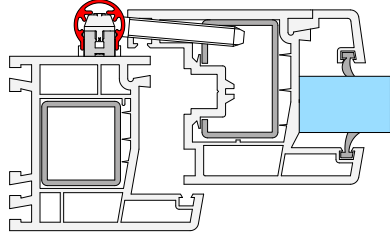
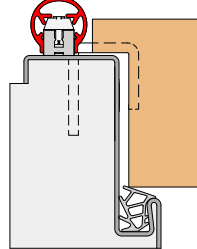
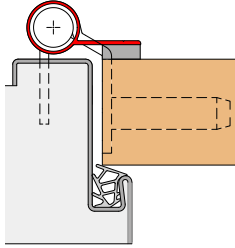
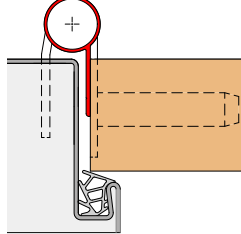
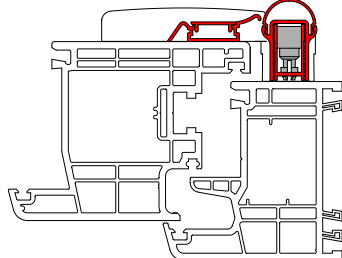
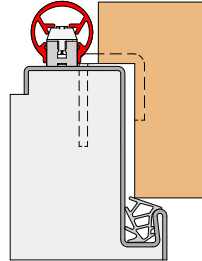
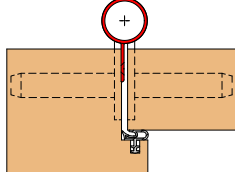
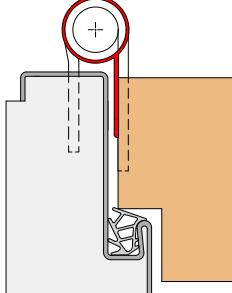
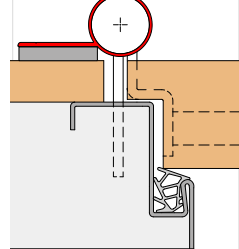
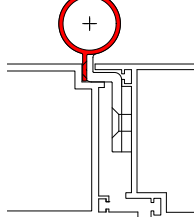
NR-32 UniSafe® GLAS & Protective Profile BSG1 / BSG2



System solution for glass doors

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



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

Please note:

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



Application

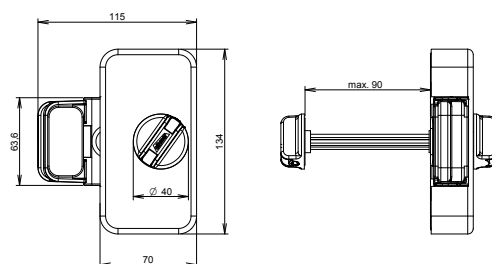
The new HS-25 for main closing edges

Door stop with active finger protection

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

Technical data:

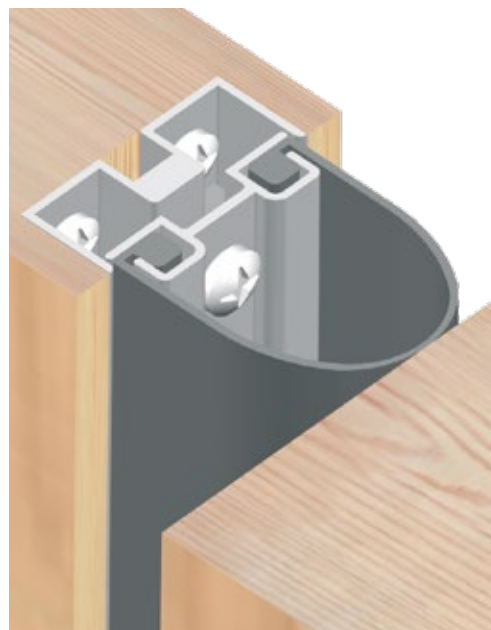
- For timber hinged doors
- Suitable for rebated or non-rebated doors
- For DIN right/left doors
- Screw-fixed to the closing face of the door panel
- Variable installation height - Recommend minimum height of 1.70 m
- Maximum door leaf thickness 90 mm
- Flexible choice of colours



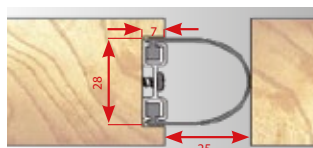


SwingGUARD

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



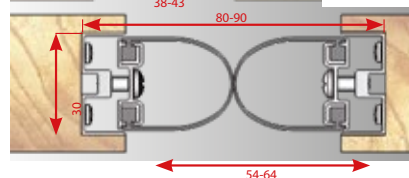
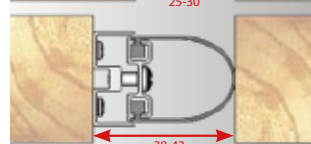
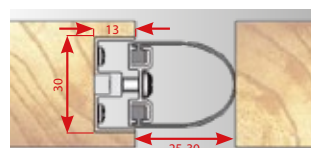
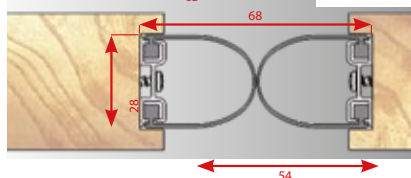
Inset



Surface-mounted

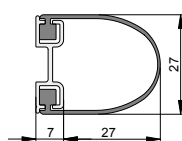


Double-wing, Inset

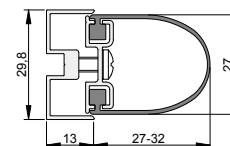


Cross sections

SwingGUARD A



SwingGUARD S



Technical data

Tolerancecompensation

-

Max. delivery length

on request

Standard length

2,120 mm

Min. length

None

Fixed lengths

Available

Can be shortened by



Sealing profile

Silicone, RAL 7043

Profile material

Aluminium

vertically up to 5 mm

on request

2,120 mm

None

Available



Silicone, RAL 7043

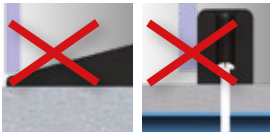
Aluminium

7. Door opening restrictor for timber and glass doors



The new Porti® family

For timber and glass doors



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

No drilling necessary in the floor for door stops

Frame
Weight of door leaf up to
For retrofitting
Article number

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



PORTI® for timber doors

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

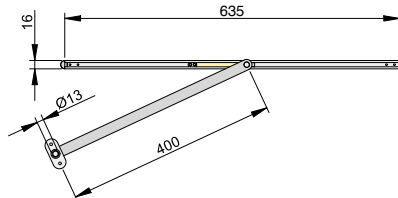


Application

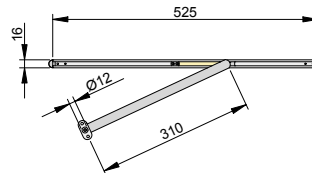
Up to 30 kg door leaf weight

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

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



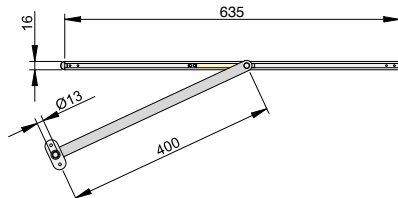
610 mm - 719 mm, art. no. 5313



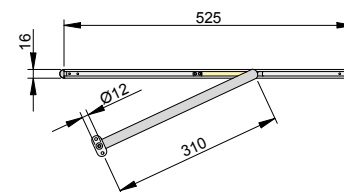
Up to 65 kg door leaf weight

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

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

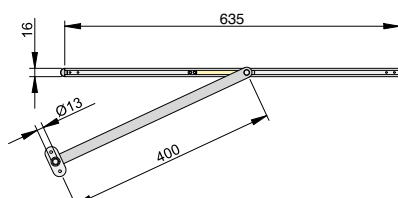


610 mm - 719 mm, art. no. 5379

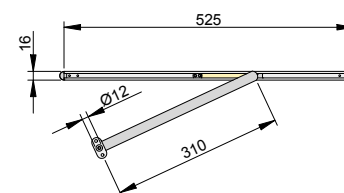


- Set-up possible on timber frames with a fixing element in the door frame (see next page)
- For door leaf widths of:

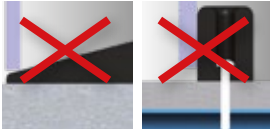
720 mm - 1,110 mm, art. no. 5489



610 mm - 719 mm, art. no. 5465



7. Door opening restrictor for glass doors



Technical data

PORTI® for glass doors

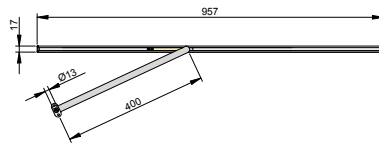
- Maximum door leaf weight up to 50 kg
- Silver-coloured, anodised
- Slide plate bonded to glass door leaf
- Upper door frame gap 4 - 10 mm
- Particularly thin lever of only 2 mm
- Restrictor plate 16.8 x 12.2 mm
- Endurance tested on the basis of DIN EN 13126-5 Meets class 4
- Door opening angle max.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



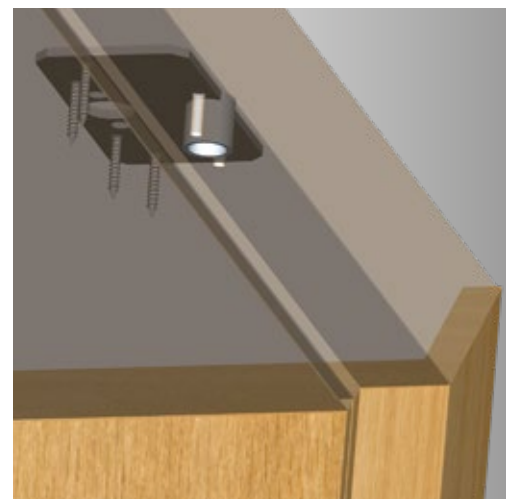
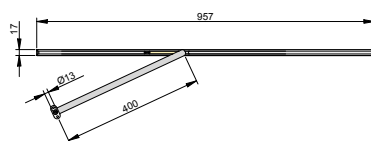
Application

Up to 50 kg door leaf weight

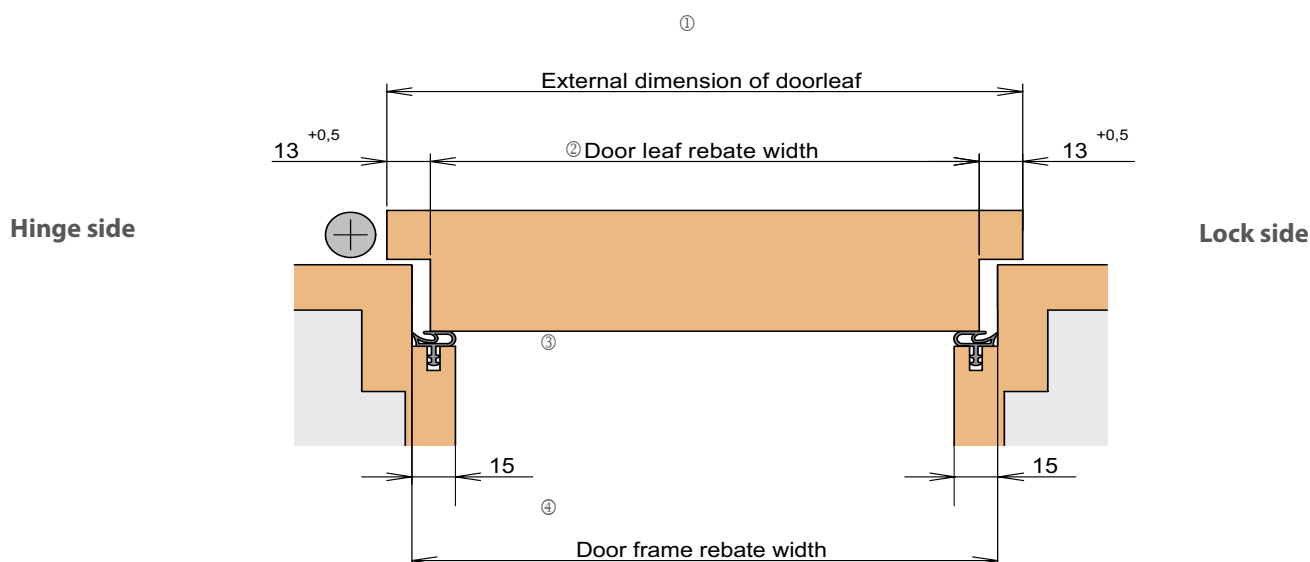
- Retrofittable to metal door frames
- For door leaf widths of:
709 mm - 959 mm, art. no. 5318



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



Seal lengths for doors as per DIN 18101

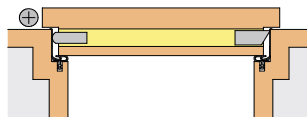


① External dimension of door leaf (standard dimension)	610	735	860	985	1,110	1,235	1,360	Permissible deviation
(BRM, DIN 18111)	625	750	875	1,000	1,125	1,250	1,375	-
② Door leaf rebate dimension	584	709	834	959	1,084	1,209	1,334	+1/-1
Door seal lengths available for automatic door seals and tilt seals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

Possible fixing variations



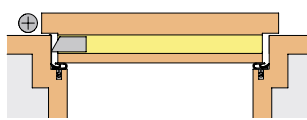
- Installation: In the groove
- Actuator: Hinge side



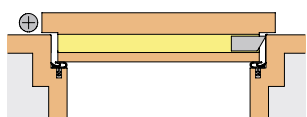
- Installation: In the groove
- Actuator: Hinge side and lock side



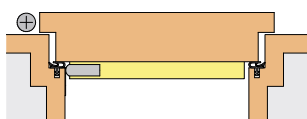
- Installation: In the groove
- Actuator: Hinge side and lock side



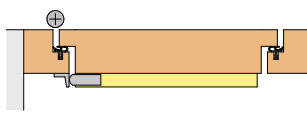
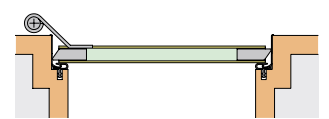
- Installation: In the groove
- Actuator: Hinge side



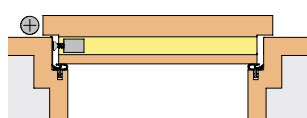
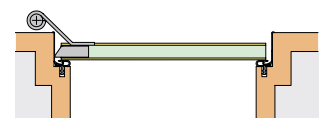
- Installation: In the groove
- Actuator: Lock side



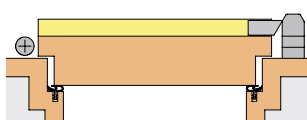
- Installation: screw-fixed to the closing face
- Actuator: Hinge side



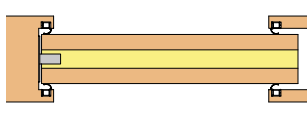
- Installation: screw-fixed to the closing face
- Actuator: Hinge side with angle pressure bracket



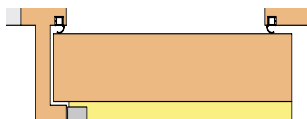
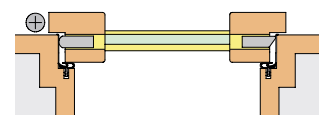
- Installation: in the groove
- Actuator: Hinge side



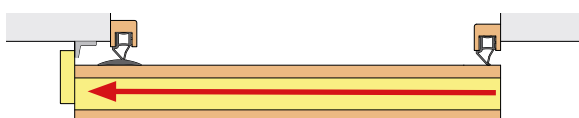
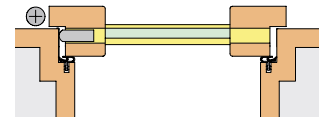
- Installation: screw-fixed to the opening face
- Actuator: Lock side with pressure block



- Installation: In the groove
- Actuator: Lock side



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



- Installation: in the groove
- Actuator: Cable actuator

Symbols

Actuator: Hinge side

Actuator: Lock side

Actuator: Lock side

Installation: on the opening face

Actuator: Hinge side and lock side

Installation: on the opening face

Actuator: Hinge side

Installation: under the door leaf

Actuator: Hinge side and lock side

Installation: under the door leaf

Actuator: Hinge side

Installation: on the opening face

Actuator: Lock side

Installation: under the door leaf

Actuator: Lock side

Installation: in the groove / under the door leaf

Actuator: Hinge side and lock side

Installation: in the groove / under the door leaf

Actuator: Hinge side



Barrier-free access

"Ü" sign of compliance

Acoustic protection

Smoke protection

Fire protection

Low actuation forces

Tool-free installation

Downpour-proof/w-proof

Damp rooms

Tight seal

Secondary closing edge / opening face

Secondary closing edge / closing face

Main closing edge / closing face

J C S

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