

# Product catalogue

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 success of the company is a combination of expertise and quality and 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 offers seals 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**. Using a seal reduces CO<sub>2</sub> emissions and make therefore a real contribution to the eco-balance. It also complies with the recommendations regarding barrier-free building and ensures that people who are elderly or physically challenged people have comfortable and safe access to buildings and rooms. Athmers latest expansion of its product range contains **smoke & fire and fire only intumescent seals** as well as **acoustic, smoke and fire perimeter seals**, which allows to offer the customers every possible way to seal their doors.

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

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

**[www.athmer.com](http://www.athmer.com)**

## We focus on sustainability

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

- Enter the parameters for your building and room; for example, location, energy source, and sealing height of the doors
- Obtain the results and the energy-efficiency of Athmer door seals



Environmental Product Declaration (EPD, LEED, BEAM) 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
- CERTIFIRE provides assurance that fire protection products and systems correctly installed will perform as required. Therefore avoiding costly mistakes and dramatically reducing risk.



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 / water and hot smoke testing facilities



## 300 years - the history of Cronenberg Group JCS

In 2011 the company Cronenberg celebrated its 300th anniversary. It started in the year of 1711 in Ennepetal. As the 5th generation entered they moved the company to Koerbecke. In 1870, Carl Julius Cronenberg purchased the Sophienhammer forge, which he reconstructed. He took over the Sophienhammer forge, located in the Roehr valley near Muxeschede, from the Neu-Oeger smelting works in Hohenlimburg.

The forge was originally been founded by Hermann Diedrich Piepenstock from Iserlohn, and named after his wife, Sophie. Carl Julius adapted the factory in line with his own manufacturing requirements. In the spring of 1871, he put the scythe smithy into operations.

In 1991 and 1998 Carl-Julius and Wilm-Hendric Cronenberg entered the company as the tenth generation and continued the group's strategic development.

"Once again, our roots remain an important element of our corporate culture. We have therefore not changed the historical part with

its stories of factories and families, human and machines, traditions and innovations."

After over 300 years, both tradition and innovation are equally important in terms of defining the corporate culture of the Julius Cronenberg Sophienhammer group of companies. For more than 60 years Athmer is part of JCS and Europe's leading manufacturer of automatic door seals.

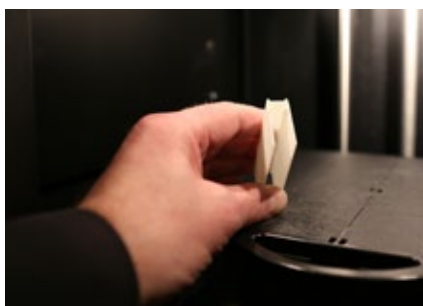
The success story began in the year 1950, when the automatic door bottom Kältefeind® was registered as a brand. Ever since Athmer's self-image has widened as its fields of expertise have constantly expanded. Today, the company views itself as a pioneer of special sealing solutions in a wide range of "competence all around the door". With several investments around the word -subsidiary companies for example in the UK and Asia - Athmer is expanding and offering solutions for every market.



# ATHMER

# TECHNICAL CENTRE

## Development & Innovation



### Development & Innovation

New Technologies. New Requirements. New Standards. The world of doors is constantly changing – and we are actively involved in adapting this change.

The technicians and engineers in our development team use the latest technologies – always with the aim of further improving the quality of our door seals and finger protection systems. More than 150 patents and registered designs worldwide clearly demonstrate our innovative capability.

To further strengthen this, we associate with renowned test institutes. Our engi-

neers are also engaged in various committees of the DIN standards. In this way, we are actively involved in establishing new standards in the world of doors.

We are also a reliable partner for our customers for more than 60 years. For us, contracts and agreements with customers are always honored. We are committed to quality: Your doors deserve the best seals, and our customers deserve the best service.

In our Technical Centre, we test the sound insulation capacity of doors and windows

and the resistance to air, driving rain and wind loads.

We support and advise you in the various stages of the product development – always with the aim of getting the product onto the market quickly, efficiently and with the highest quality standards.



## Acoustic testing facility

In our acoustic testing facility, we can raise the sound insulation values for joints and construction elements such as doors and windows. The laboratory meets the requirements of EN ISO 10140 and comprises three rooms in L shape.

The acoustic signals from the two outer rooms are sent to the centrally located receiving room. The rooms are separated from each other by a modular partition wall system, in one case, and by a concrete wall, in the other case. Both walls have a test opening which can be quickly and flexibly ad-

justed to suit the element to be tested. This allows us to test components of all sizes. The acoustic testing laboratory is monitored by ift Rosenheim, who also helped us to design the laboratory. The staff of this renowned institute determine the sound insulation values of your test object and carry out the final sound insulation test. We will be happy to provide your products with respect to sound insulation.



## Air / wind / water and hot smoke testing facility

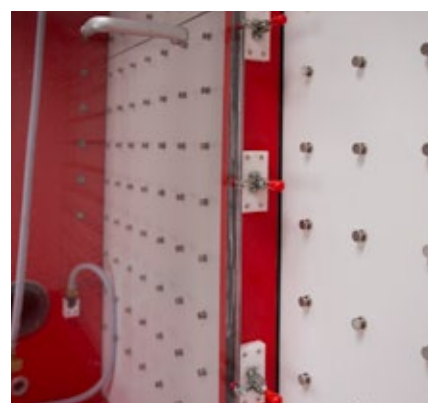
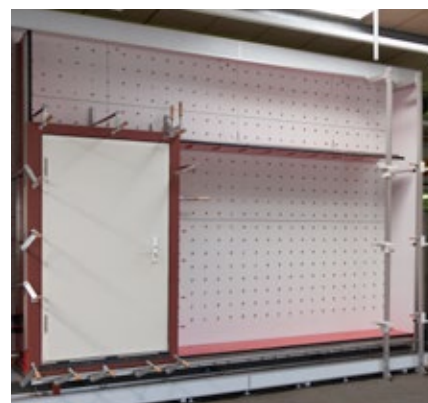
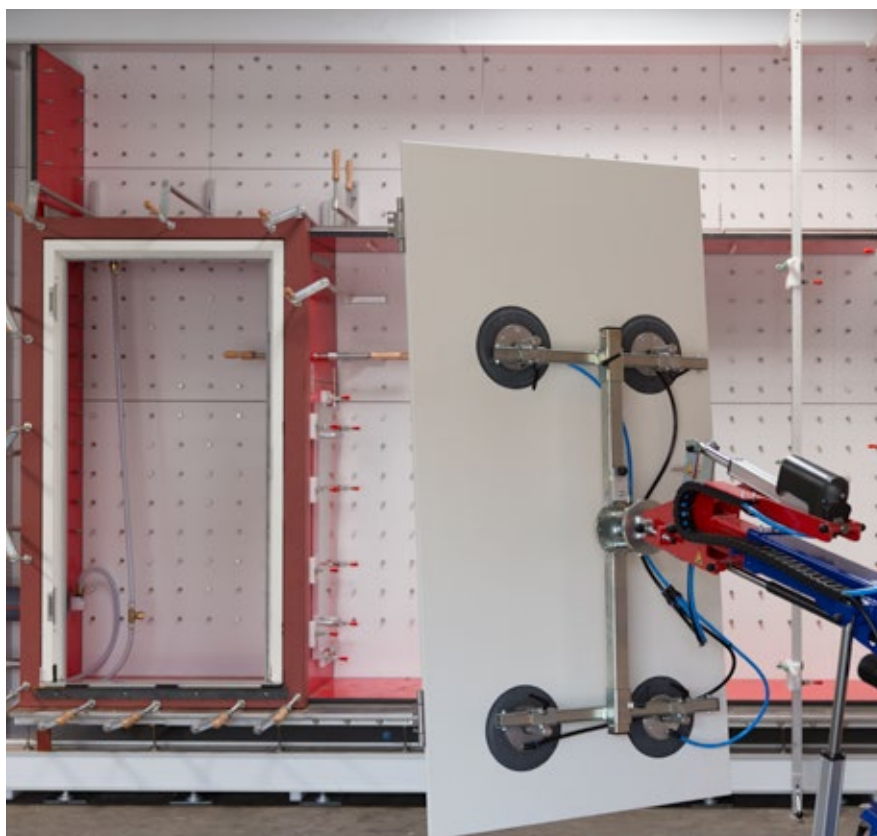
In our twelve square metre test facility we test how airtight and watertight doors, windows, shutters or façades are to draughts, driving rain or high winds. A flexible grid system allows us to create a tailor-made frame for the product.

We then measure the reaction of the test object to short blasts of air, to a constant air pressure or vacuum, and to persistent rain applied via several nozzles.

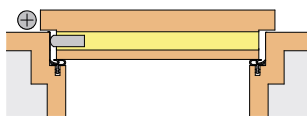
With a fog machine, we are also able to test for leaks. Our air / wind / water testing facility complies with the requirements of standards DIN EN 1026 and DIN EN 1027. It is calibrated annually by an independent laboratory.

We also have a hot smoke (200°C) testing facility available. Before the products are tested, its persistence will be tested in a

long-term durability test. Further we are able to test the burglary protection of the products. A notch test can also be realised. Naturally, we also advise you on how you can further improve the air and water tightness of your products.

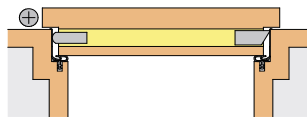


## Possible fixing variations



Installation: in the groove

Actuator: hinge side



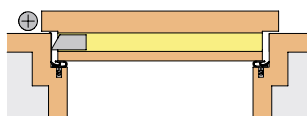
Installation: in the groove

Actuator: hinge side and lock side



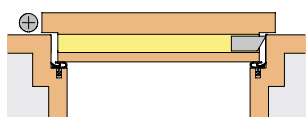
Installation: in the groove

Actuator: hinge side and lock side



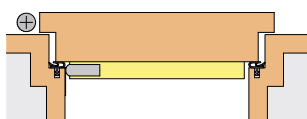
Installation: in the groove

Actuator: hinge side



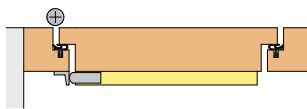
Installation: in the groove

Actuator: lock side



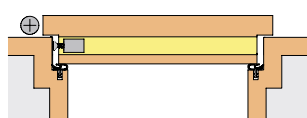
Installation: screw-fixed to the closing surface

Actuator: hinge side



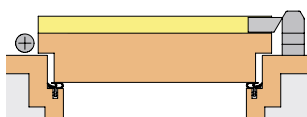
Installation: screw-fixed to the closing surface

Actuator: hinge side with angle pressure bracket



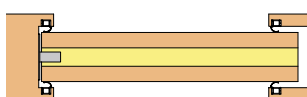
Installation: in the groove

Actuator: hinge side



Installation: screw-fixed to the opening surface

Actuator: lock side with pressure block



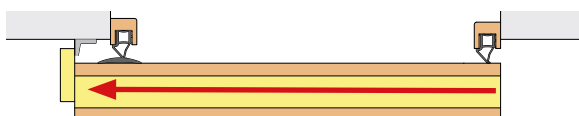
Installation: in the groove

Actuator: lock side



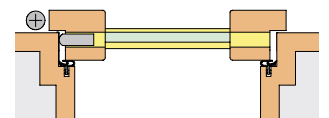
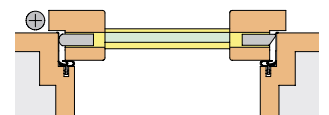
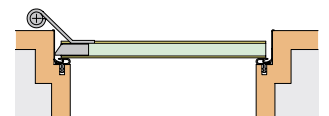
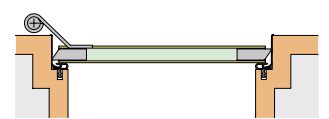
Installation: screw-fixed to the closing surface

Actuator: lock side



Installation: in the groove











Actuator: cable actuator

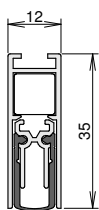


# Symbols

Actuator: hinge side		"Ü" sign of compliance
Actuator: lock side		UL
Actuator: lock side		Certifire
		Draught
Installation: on the opening surface		Barrier-free access
Actuator: hinge side and lock side		Acoustic protection
Installation: on the opening surface		Smoke control
Actuator: hinge side		Fire protection
Installation: under the door leaf		Low actuation forces
Actuator: hinge side		Downpour-proof/ w-proof
Installation: on the opening surface		Thermal insulation
Actuator: lock side		Radiation protection
Installation: under the door leaf		Moisture proof
Actuator: lock side		Secondary closing edge / opening face
Installation: in the groove / under the door leaf		Secondary closing edge / adjacent closing face
Actuator: hinge side and lock side		
Installation: in the groove / under the door leaf		
Actuator: hinge side		

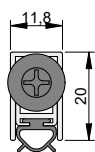
## Content

Article	Art.No.	Groove width	Travel											Page
<b>Drop seals</b>														<b>24</b>
<b>for wooden doors</b>														<b>24</b>
Doppeldicht® M-12/35	1-393	12 mm	11 mm	✓	✓	✓	✓	✓						26
Athmer M5 C	1-723	12 mm	12 mm	✓	✓	✓								27
Athmer M6 C	1-723	12 mm	15 mm	✓	✓	✓								27
Schall-Ex® Slide & Lock M-12 WS	1-549	12 mm	11 mm	✓	✓	✓	✓	✓						28
VHH M-12 Set	1-839			✓	✓	✓	✓							29
Schall-Ex® Slide M-12 WS	1-548	12 mm	11 mm	✓	✓	✓	✓	✓						28
Schall-Ex® L-14/35 EK	1-935	14 mm	20 mm	✓	✓	✓	✓	✓						30
Schall-Ex® L-15/30 WS	1-880	15 mm	20 mm	✓	✓	✓	✓	✓						32
Schall-Ex® L-15/30 OS	1-881	15 mm	20 mm	✓	✓	✓	✓	✓						35
Schall-Ex® Duo L-15 WS	1-382	15 mm	14 mm	✓	✓	✓	✓	✓						37
Athmer M1 D	1-182	15 mm	11 mm	✓	✓	✓	✓							40
Athmer M1 DH	1-178	15 mm	11 mm	✓	✓	✓	✓	✓						40
Athmer M1 B	1-188	15 mm	11 mm	✓	✓	✓	✓							41
Athmer M1 BH	1-184	15 mm	11 mm	✓	✓	✓	✓	✓						41
Athmer M2 D	1-170	15 mm	20 mm	✓	✓	✓	✓							42
Athmer M2 DH	1-169	15 mm	20 mm	✓	✓	✓	✓	✓						42
Athmer M2 B	1-173	15 mm	20 mm	✓	✓	✓	✓							43
Athmer M2 BH	1-172	15 mm	20 mm	✓	✓	✓	✓	✓						43
Athmer S M2 B	1-176	15 mm	20 mm	✓	✓	✓	✓							44
Athmer S M2 BH	1-177	15 mm	20 mm	✓	✓	✓	✓	✓						44
Athmer M4 D	1-102	15 mm	adjustable	✓	✓	✓	✓			✓				45



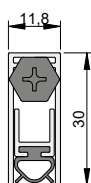
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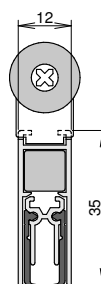
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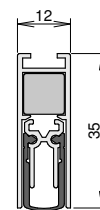
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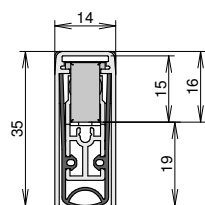
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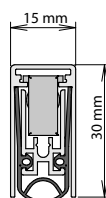
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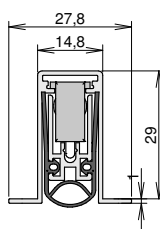
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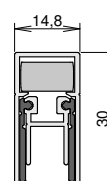
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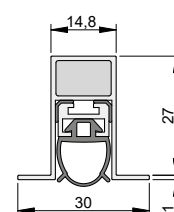
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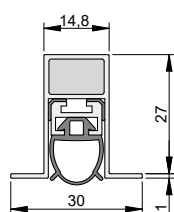
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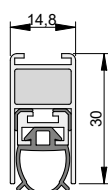
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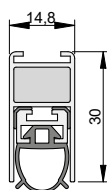
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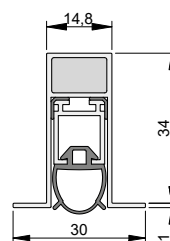
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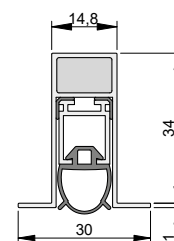
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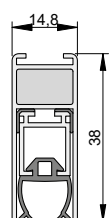
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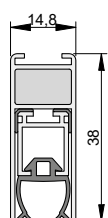
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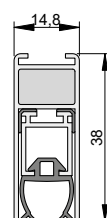
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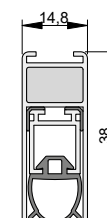
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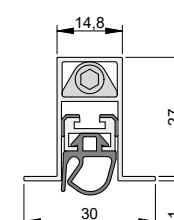
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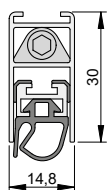


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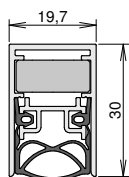
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Article	Art.No.	Groove width	Travel										Page
<b>Drop seals</b>													<b>24</b>
<b>for wooden doors</b>													<b>24</b>
Athmer M4 B	1-103	15 mm	adjustable	✓	✓	✓	✓		✓				45
Schall-Ex® Ultra WS	1-290	20 mm	12 mm	✓	✓	✓	✓	✓	✓	✓			48
Schall-Ex® Ultra OS	1-292	20 mm	12 mm	✓	✓	✓	✓	✓	✓	✓			48
Schall-Ex® Slide & Lock M-20 WS	1-550	20 mm	12 mm	✓	✓	✓	✓	✓	✓	✓			51
Schall-Ex® Slide M-20 WS	1-556	20 mm	12 mm	✓	✓	✓	✓	✓	✓	✓			52
Schall-Ex® Slide M-20 WS ZA	1-846	20 mm	12 mm	✓	✓	✓	✓	✓	✓	✓			52
Schall-Ex® Radiation protection WS	1-528	20 mm	12 mm	✓	✓	✓	✓		✓		✓		53
Schall-Ex® Radiation protection WS BD	1-522	20 mm	12 mm	✓	✓	✓	✓	✓	✓		✓		53
Schall-Ex® S&L Radiation protection WS	1-551	20 mm	12 mm	✓	✓	✓	✓		✓		✓		54
Schall-Ex® Slide Radiation protection WS	1-557	20 mm	12 mm	✓	✓	✓	✓		✓		✓		54
Schall-Ex® Jumbo	1-154	20 mm	35 mm	✓	✓	✓							55
Athmer Rainstop® M-24/20 WS	1-932	24 mm	13 mm	✓	✓	✓	✓	✓		✓	✓		57
<b>Drop seals for glass doors</b>													<b>58</b>
Schall-Ex® GS-A	1-814		11 mm	✓	✓	✓	✓	✓					61
Schall-Ex® Slide GS-A	1-875		11 mm	✓	✓	✓	✓	✓					62
Schall-Ex GS-H8/12	1-817		12 mm	✓	✓	✓	✓	✓					63
Schall-Ex® Slide GS-H8	1-578		11 mm	✓	✓	✓	✓	✓					64
Schall-Ex® Slide GS-H10	1-572		11 mm	✓	✓	✓	✓	✓					64
Schall-Ex® Duo GS-H20	1-440		12 mm	✓	✓	✓	✓	✓					65
Schall-Ex® GS-H20	1-439		12 mm	✓	✓	✓	✓	✓					65



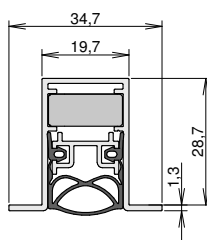
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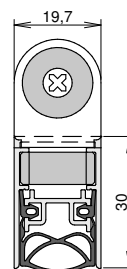
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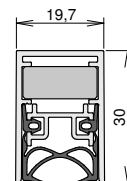
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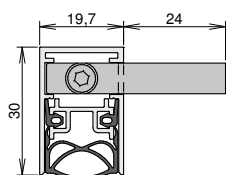
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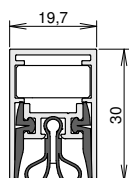
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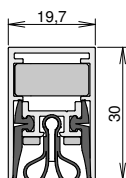
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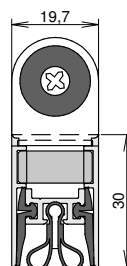
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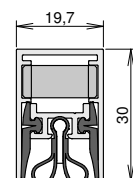
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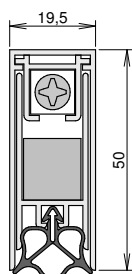
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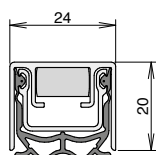
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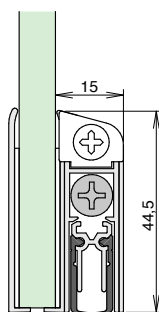
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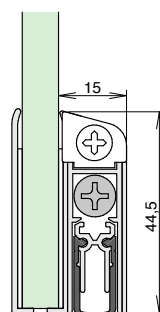
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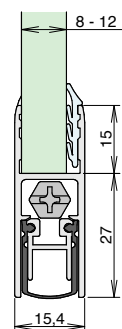
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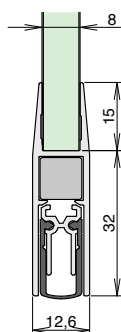
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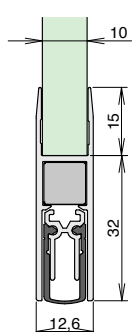
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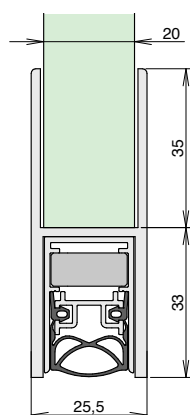
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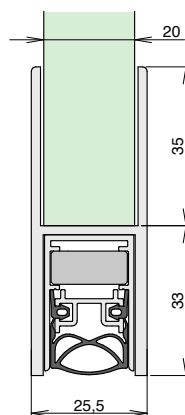
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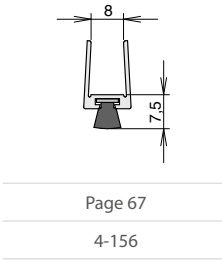
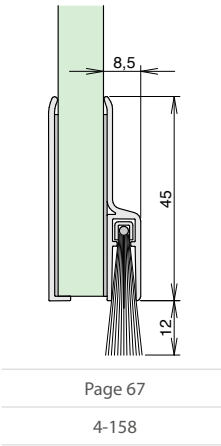


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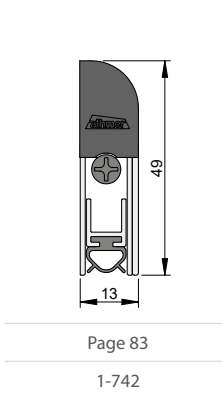
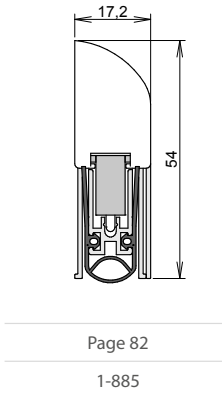
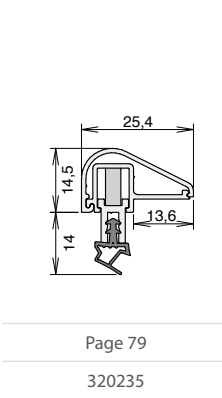
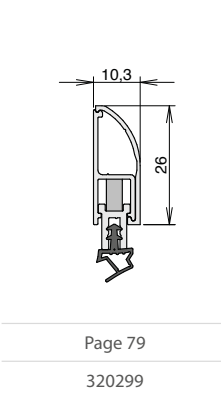
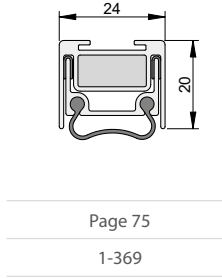
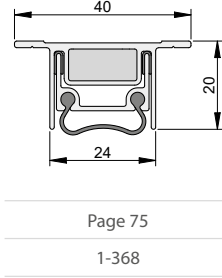
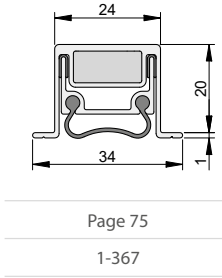
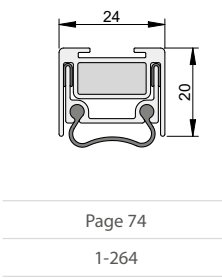
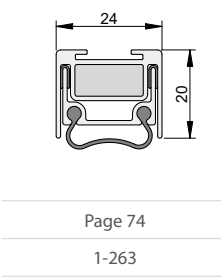
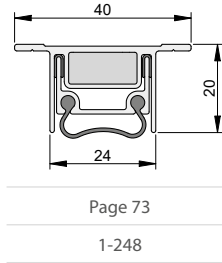
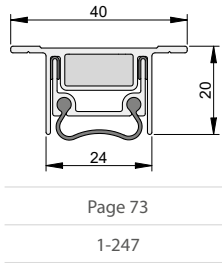
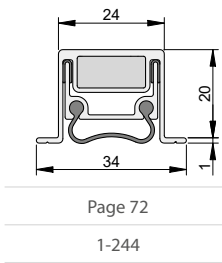
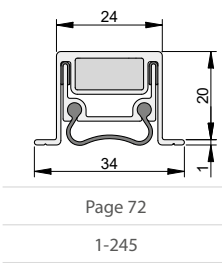
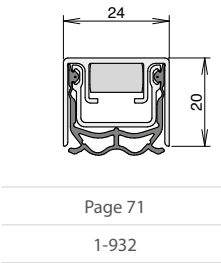
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## Content











Article	Art.No.	Groove width	Travel												Page
<b>Brush seals for glass doors</b>															<b>66</b>
Glasdicht SK	4-158			✓	✓										67
Glasdicht UB	4-156			✓	✓										67
<b>Drop seals for metal/system doors</b>															<b>68</b>
Athmer Rainstop® M-24/20 WS	1-932	24 mm	13 mm	✓	✓	✓	✓	✓		✓	✓				71
Athmer M3 D	1-245	24 mm	11 mm	✓	✓	✓	✓								72
Athmer M3 DH	1-244	24 mm	11 mm	✓	✓	✓	✓	✓							72
Athmer M3 C	1-247	40 mm	11 mm	✓	✓	✓	✓								73
Athmer M3 CH	1-248	40 mm	11 mm	✓	✓	✓	✓	✓							73
Athmer M3 B	1-263	24 mm	11 mm	✓	✓	✓	✓								74
Athmer M3 BH	1-264	24 mm	11 mm	✓	✓	✓	✓	✓							74
Athmer T M3 D	1-367	24 mm	11 mm	✓	✓	✓	✓								75
Athmer T M3 C	1-368	40 mm	11 mm	✓	✓	✓	✓								75
Athmer T M3 B	1-369	24 mm	11 mm	✓	✓	✓	✓								75
<b>Retrofitting</b>															<b>76</b>
NADI® SR				✓	✓	✓	✓	✓		✓	✓				79
NADI® SR-A				✓	✓	✓	✓	✓		✓	✓				79
Schall-Ex® L-15 FS	1-885		20 mm	✓	✓	✓	✓	✓		✓	✓				82
Athmer M7	1-742		15 mm	✓	✓	✓									83

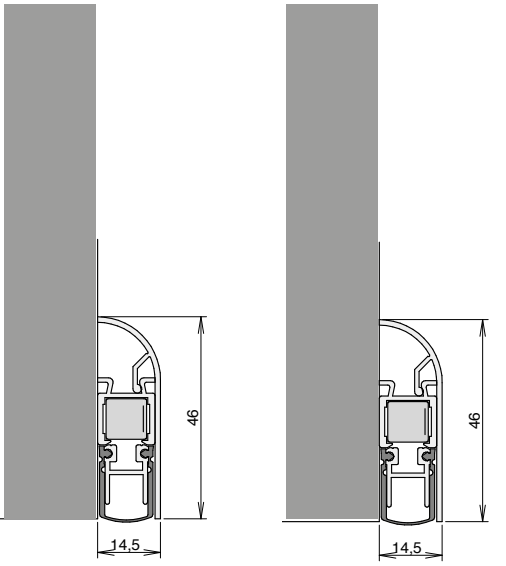


Product overview drop seals for metal / system doors



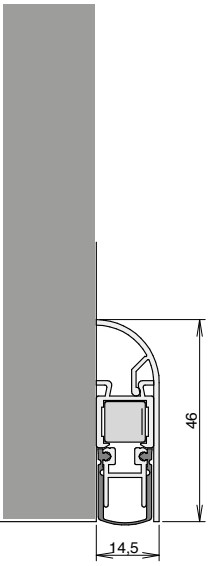
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Article	Art.No.	Groove width	Travel											Page
<b>Retrofitting</b>														<b>68</b>
Schall-Ex® Applic A	1-658		5 mm max. 11	✓	✓	✓	✓							85
Schall-Ex® Slide Applic A	1-717		5 mm max. 11	✓	✓	✓	✓							85
Schall-Ex® Jumbo II	1-474		50 mm	✓	✓	✓								86
Schall-Ex® Jumbo III	1-157		60 mm	✓	✓	✓								86
<b>Thresholds</b>														<b>87</b>
Stainless Steel Threshold 164	3-107													87
Stainless Steel Threshold 365	3-135													87
Stainless Steel Threshold 288	3-103													87
Stainless Steel Threshold 513	3-150													87
Aluminium Threshold 090	3-111													87
Aluminium Threshold 253	3-114													87
Aluminium Threshold 088	3-117													87
Aluminium Threshold 277	3-104													87
Aluminium Threshold 308	3-120													87
Aluminium Threshold 278	3-108													87
Aluminium Threshold 217	3-100													87
Aluminium Threshold 496	3-152													87



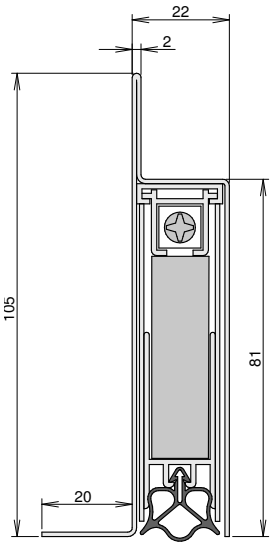
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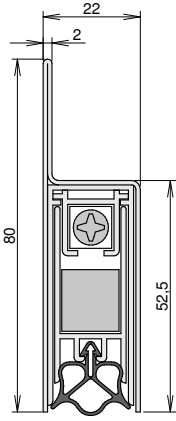
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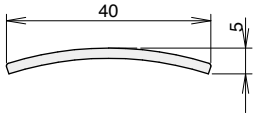
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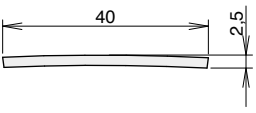
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Thresholds



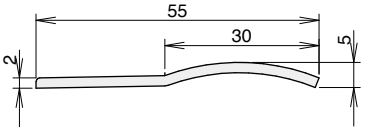
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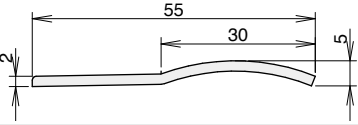
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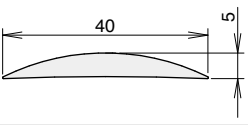
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Thresholds



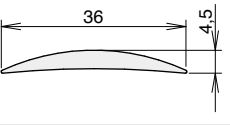
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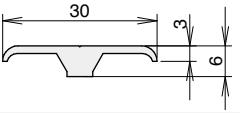
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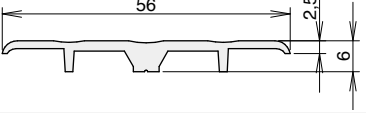
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Thresholds



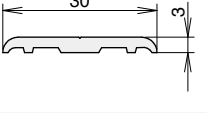
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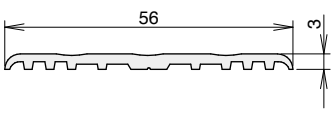
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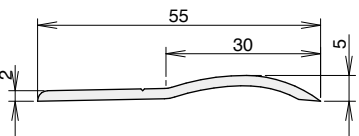
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Thresholds



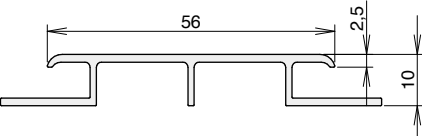
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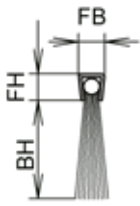
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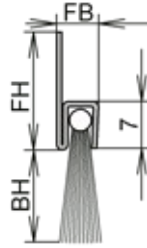
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Nirobros	4-436				✓										88
Alubros	4-133				✓										88
Ferrobros	4-336				✓										88
KU III	332				✓										89
Brush seal Super	33007				✓										89
<b>Fire and smoke Intumescent seals</b>															<b>90</b>
FP 1004	160053				✓			✓							92
FP 1504	160056				✓			✓							92
FP 2004	160059				✓			✓							92
FP 3004	160062				✓			✓							92
FP 3804	160065				✓			✓							92
FB 1004	160068				✓		✓	✓							92
FB 1504	160071				✓		✓	✓							92
FB 2004	160074				✓		✓	✓							92
FF 1004 D	160077				✓	✓	✓	✓							93
FF 1504 D	160080				✓	✓	✓	✓							93
FF 2004 D	160083				✓	✓	✓	✓							93
F 2002	160086				✓			✓							93
F 1502	160089				✓			✓							93
F 1002	160092				✓			✓							93
<b>Acoustic perimeter seals</b>		Gap Size													<b>94</b>
Schall-Ex® AP 1018 S	160001	2 - 4 mm		✓	✓	✓									97
Schall-Ex® AP 1018 TE	160005	2 - 4 mm		✓	✓	✓									97
Schall-Ex® AP 1019 TE	160009	4 - 6 mm		✓	✓	✓									97
Schall-Ex® AP 2018 TE	160013	2 - 4 mm		✓	✓	✓									97
Schall-Ex® AP 1020 TS	160017	2 - 4 mm		✓	✓	✓									97
Schall-Ex® AP 1023 TS	160022	4 - 6 mm		✓	✓	✓									97
ZD Universal	370 300			✓	✓	✓									98
ZD-Slide 12/12	210			✓	✓	✓									98
Unitherm Slide 22/22	319050			✓	✓	✓									98
Slide 5 for VHH	284			✓	✓	✓									98
Slide VN - 8/10	523			✓	✓	✓									98
Unitherm FAS-20	319 204			✓	✓	✓									99
Unitherm I	319 200			✓	✓	✓									99
Unitherm II HG	319 000			✓	✓	✓									99
Unitherm XIII	319 080			✓	✓	✓									99



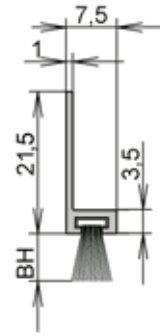
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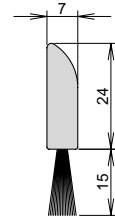


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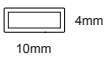
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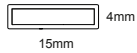
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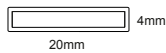
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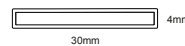
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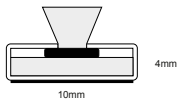
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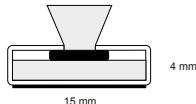
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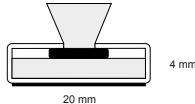
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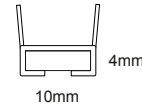
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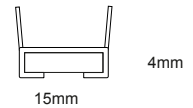
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FB 2004



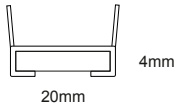
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FF 1504 D



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FF 2004 D



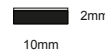
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F 2002



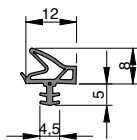
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F 1502



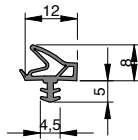
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F 1002



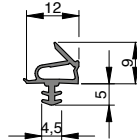
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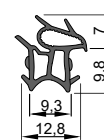
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AP 1018 TE



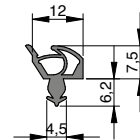
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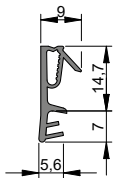
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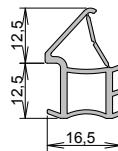
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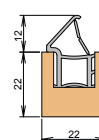
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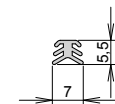
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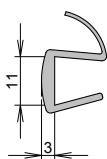
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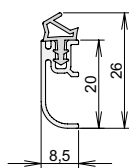
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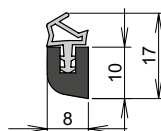
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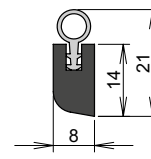
Page 99

319 204



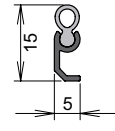
Page 99

319 200














Page 99

319 000

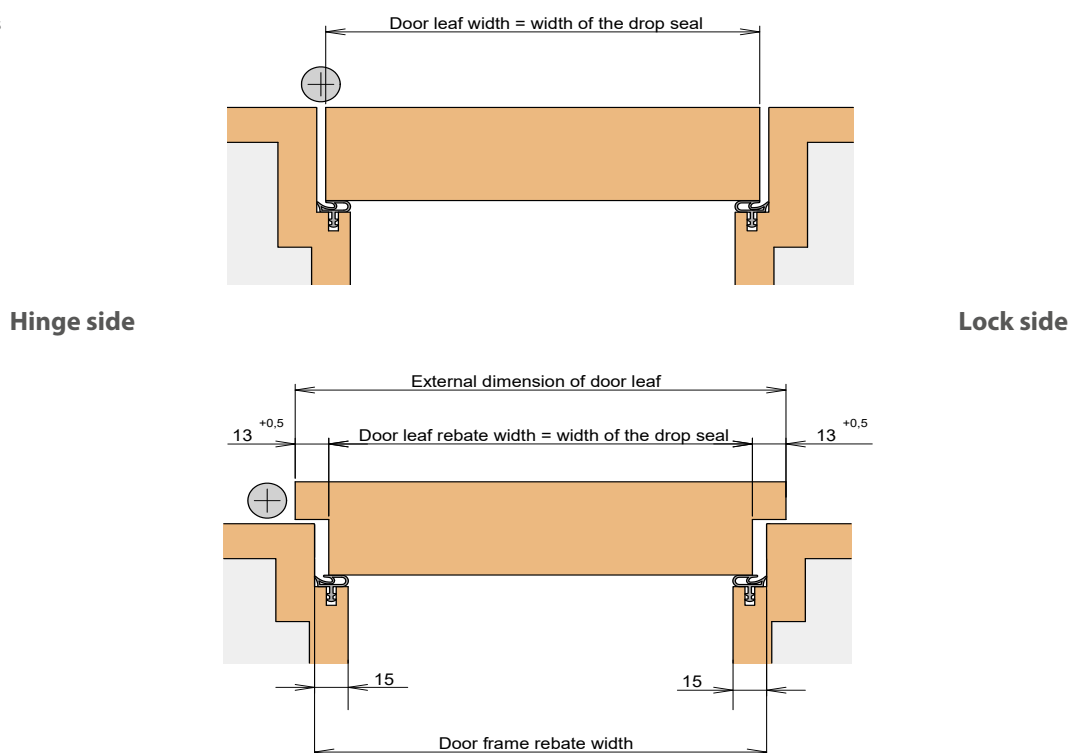


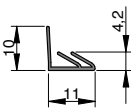
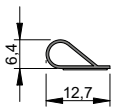
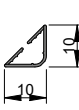
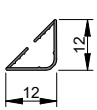
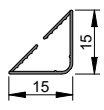
Page 99

319 080

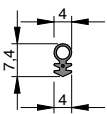
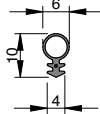
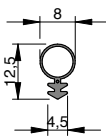
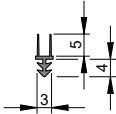
Article	Art.No.												Page
Acoustic perimeter seals													94
PS 710 P	160037		✓	✓	✓								100
PS 788 S	160040		✓	✓	✓								100
PS 1010 P	160043		✓	✓	✓								100
PS 1212 P	160046		✓	✓	✓								100
PS 1515 P	160049		✓	✓	✓								100
PS 0402 S	160027		✓	✓	✓								101
PS 0604 S	160030		✓	✓	✓								101
PS 0805 S	160033		✓	✓	✓								101
PS 3645 P	160036		✓		✓								101
Athmer finger protection													102
NR-25	5-101			✓								✓	104
NR-26 w-proof	5-701			✓					✓			✓	105
NA-7	5-501			✓					✓			✓	106
BU-16	5-201			✓					✓			✓	108
BU-20	5-211			✓					✓			✓	108
BU-22	5-221			✓					✓			✓	108
BO-13	5-455			✓					✓			✓	108
BO-22	5-452			✓					✓			✓	108
BA-28	5-274			✓					✓			✓	108
Porti® for wooden doors	5312			✓									110
Porti® for glass doors	5318			✓									111

### Seal lengths for doors

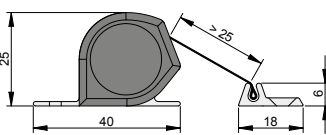
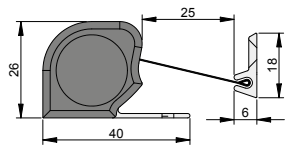
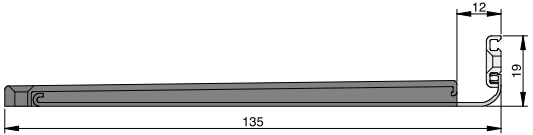


				
Page 100	Page 100	Page 100	Page 100	Page 100
160037	160040	160043	160046	160049




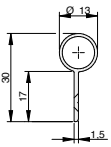
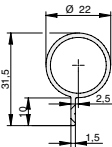
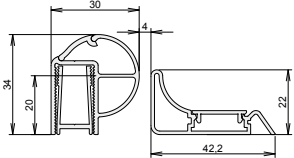
  

			
Page 101	Page 101	Page 101	Page 101
160027	160030	160033	160036

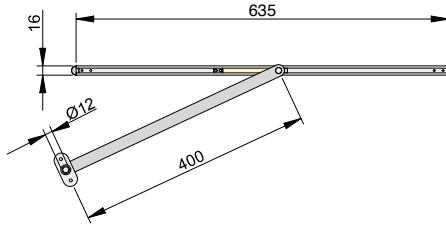
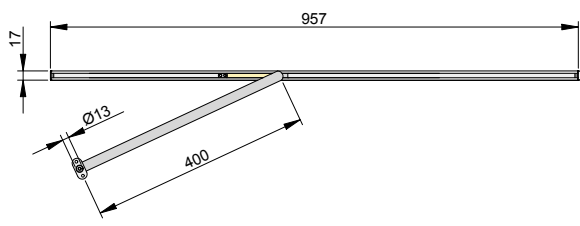
Product overview Athmer finger protection

		
Page 105	Page 105	Page 106
5-101	5-701	5-501

					
Page 108	Page 108	Page 108	Page 108	Page 108	Page 108
5-201	5-211	5-221	5-455	5-452	5-274

Door opening restrictor

	
Porti® for wooden doors	Porti® for glass doors
5489	5487



# DROP SEALS

## for wooden doors

### Acoustic, fire and smoke

When a door is fitted a gap is left between the door and frame to allow the door to open and close. As essential as this gap is, it can be a path for noise, smoke and dust. The door must be sealed top and bottom together with each side as sound is airborne and will penetrate through any space air can. The door bottom seal works by filling the air gaps that create sound leaks around the bottom of the doorset, this also stops smoke, light and dust.

- Up to 52 dB sound-proofing capacity
- Sound, smoke and fire proofing capacity, tested by professional German testing institute
- Long-term durability tests
- Barrier-free
- Different groove widths
- For single and double wing doors
- Internal and external doors
- Single or double actuation
- Light weight versions
- Up to 50 mm travel
- Complete sealing system for sliding doors
- Accessories: flush bolts, floor plates, press plates
- Products tested with EN 1634-1 fire resistance, EN 1634-3 smoke control, BS 476-22, UL and certifire

**Athmer - securely sealed.**





No CF 5675



## Doppeldicht® M-12/35

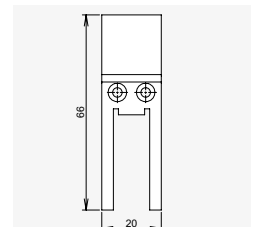
### The slimline acoustic door seal

- Double actuation for individual floor level adjustment
- Single actuation optional
- Hinge-side actuator button, stepless fine adjustment,
- 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

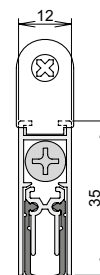


### Technical data

Groove width	12 mm	
Actuation	Double actuation	Single actuation
Sealing profile material	Silicone, self-extinguishing	
Maximum travel	11 mm	
Minimum length	650 mm, n.r.	235 mm, n.r.
Standard lengths	708, 833, 958, 1,083, 1,208 mm	
Maximum length	1,335 mm	
Can be shortened by	125 mm	
Article number	1-393	1-392

Accessories  
(included in delivery)

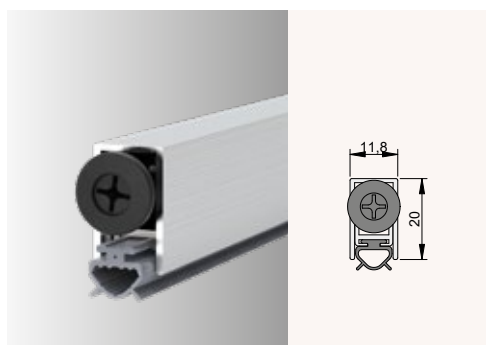
Art. no. 5220  
including stainless steel press plate





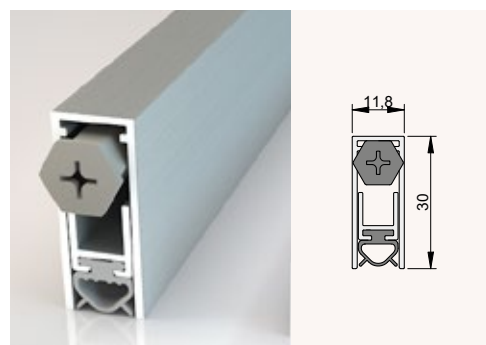
## Athmer M5 C

- Small installation dimensions.
- Lightweight operation.
- Long-term durability tested with 200,000 test cycles.
- Sound-proofing capacity:
  - 35 dB with 5 mm sealing height
  - 33 dB with 10 mm sealing height

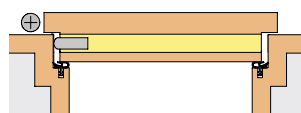
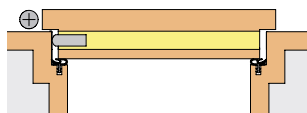


## Athmer M6 C

- Slim design with a width of only 12 mm.
- Lightweight operation.
- Long-term durability tested with 200,000 test cycles.
- Sound-proofing capacity:
  - 37 dB with 4 mm sealing height
  - 33 dB with 10 mm sealing height



### Fixing



### Technical data

Groove width 12 x 20 mm

Actuation Single actuation

Sealing profile material TPE

Maximum travel 12 mm

Minimum length 260 mm

Standard lengths customized

Maximum length 1.525 mm

Can be shortened by 150 mm (from 525 to 1525)

Article number 1-723

12 x 30 mm

Single actuation

TPE

15 mm

320 mm

ccustomized

1.530 mm

125 mm (from 445 to 1.530)

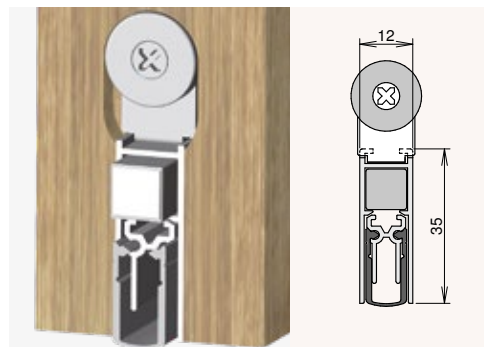
1-725

Accessories  
(included in delivery)



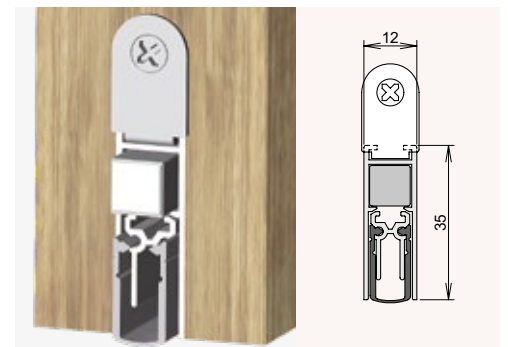
## Schall-Ex® Slide & Lock M-12 WS

- 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

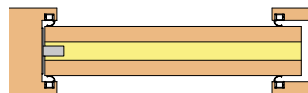


## Schall-Ex® Slide M-12 WS

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

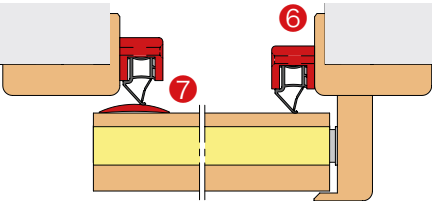
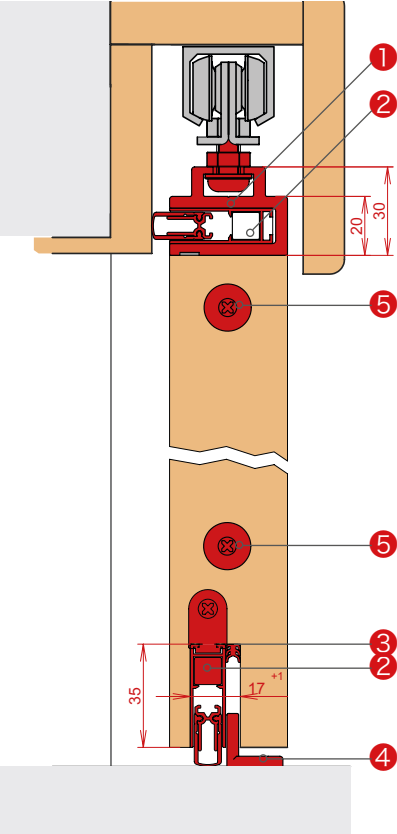


### Fixing



### Technical data

Groove width	12 mm	12 mm
Actuation	Single actuation	Single actuation
Sealing profile material	Silicone, self-extinguishing	Silicone, self-extinguishing
Travel	11 mm	11 mm
Minimum length	280 mm	280 mm
Standard lengths	708, 833, 958, 1,083, 1,208 mm	708, 833, 958, 1,083, 1,208 mm
Maximum length	1,958 mm	1,958 mm
Can be shortened by	125 mm from 708 mm	125 from 708 mm
Article number	1-549	1-548
Accessories (included in delivery)	Art. no. 5105 incl. galvanised steel press plate, holding magnet	Art. no. 5113 including zinc die-cast press plate



## Allround seal

Complete sealing system  
for sliding doors

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



## VHH M-12 Set

In standard lengths 708, 833, 958, 1,083, 1,208 mm (customized lengths available)

Packing contents/delivery package Article number: 1-839			Each
1	Slide-Adapter-12		1
2	Schall-Ex Slide M-12 SLA		2
3	Slide 5 spacer		1
4	Athmer - sliding door guide		1
5	Magnet		2

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

### Technical Data

Groove width	12 mm
Actuation	Single actuation
Sealing profile material	Silicone, self-extinguishing
Travel	11 mm
Minimum length	280 mm
Maximum length	1,958 mm
Can be shortened by	125 from 708 mm

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

12 mm
Single actuation
Silicone, self-extinguishing
11 mm
280 mm
1,958 mm



certifire  
No CF 5675

## Schall-Ex® L-14/35 EK

- High acoustic performance values up to 48dB in accordance with BS EN ISO 10140-2: 2010
- Covers gaps up to 20 mm
- Fire tested for use in doors up to 60 minutes in accordance with BS 476: Part 22 :1987
- Clip-on sliding actuator for safe start-up
- Seal adjustment without tools
- Installation quicker since no need for press plate



### Fixing

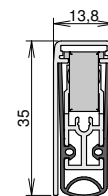


### Technical data

Groove width	14 mm
Actuation	Single actuation
Sealing profile material	Silicone, self-extinguishing
Maximum travel	20 mm
Minimum length	235 mm
Standard lengths	635, 735, 835, 1035, 1,135, 1,235 mm
Maximum length	1,635 mm
Can be shortened by	125 mm from 833 mm
Article number	1-935

Accessories  
(included in delivery)

5519





## Smoke and fire doors



## Schall-Ex® L-15

- High sound insulation capacity of up to 52 dB
- As DUO version, with double actuation **(from page 36)**
- 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 87)**
- Meets requirements for barrier-free construction
- Automatic door seals carry the “Ü” sign of compliance

## Acoustic doors



## Barrier-free



## “Ü” sign of compliance



No CF 5675



No CF 5675

## Schall-Ex® L-15/30 WS

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

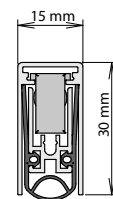


### Fixing



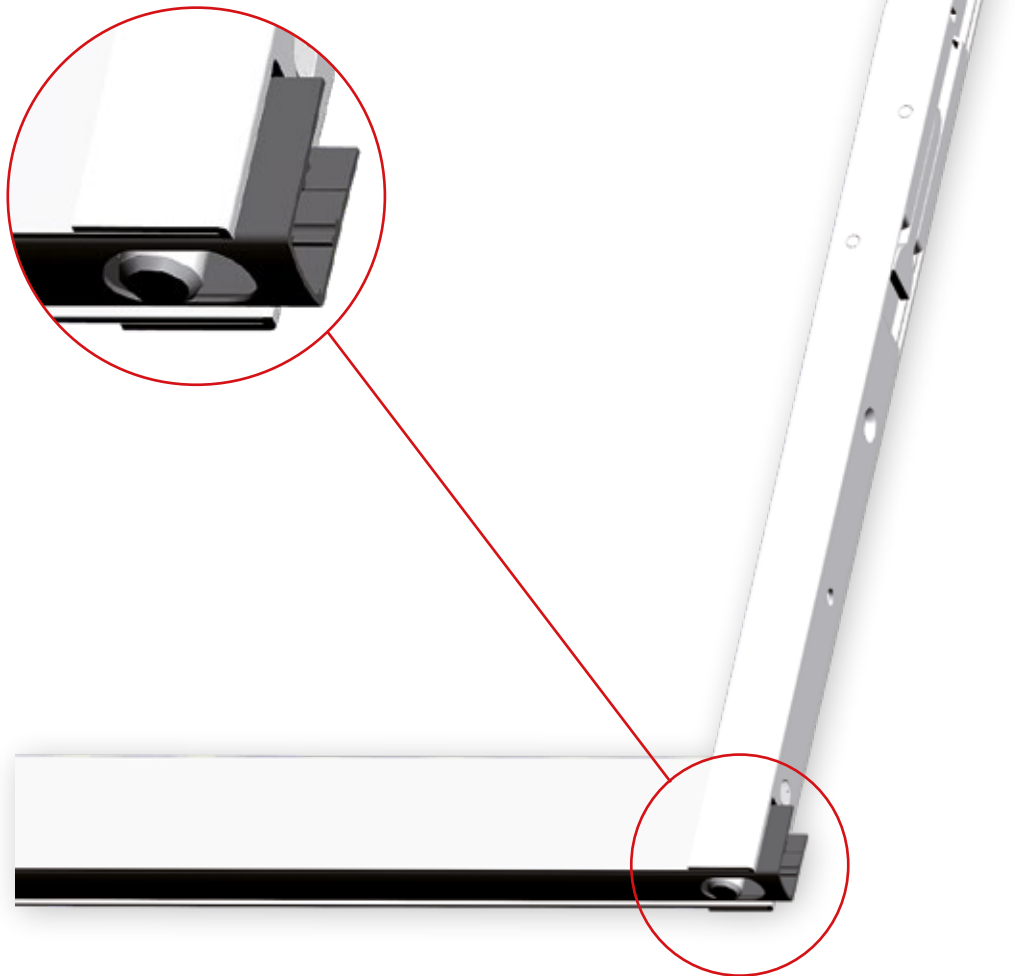
Groove width	15 mm
Actuation	Single actuation
Sealing profile material	Silicone, self-extinguishing
Travel	20 mm
Minimum length	235 mm
Standard lengths	708, 833, 958, 1,083, 1,208 mm
Maximum length	2,000 mm
Can be shortened by	125 mm from 833 mm
Article number	1-880

Accessories  
(included in delivery) Art. no. 5382



Sealing without gaps  
even with double-wing  
doors

Flush bolt set-up



Technical data

Flush bolts

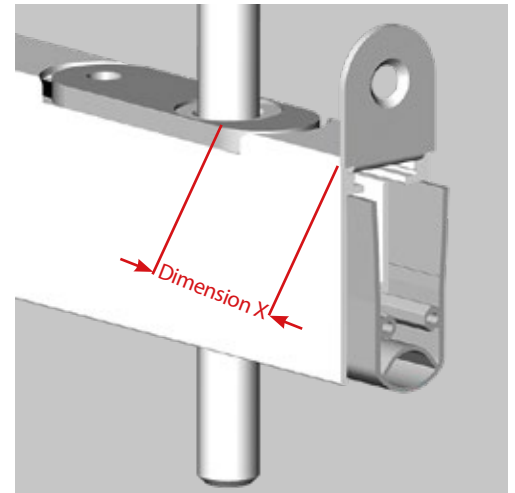
- Stainless steel versions for top and bottom
- Bolt with continuously adjustable height
- Same milling dimensions at top and bottom

Athmer stainless steel Flush bolt version	Versions	Art. no.
<b>Dimensions:</b> 17 mm x 250 mm <b>Bolt:</b> Ø 8mm, travel: 15 mm	For the top: TK-15/T	1653
	For the bottom: TK-15/BXL	1792
Door seal prepared for flush bolt TK-15/BXL		optional

## Sealing without gaps even with double-wing doors

### Flush bolt set-up

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



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

### Flush bolts

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

#### Technical data

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

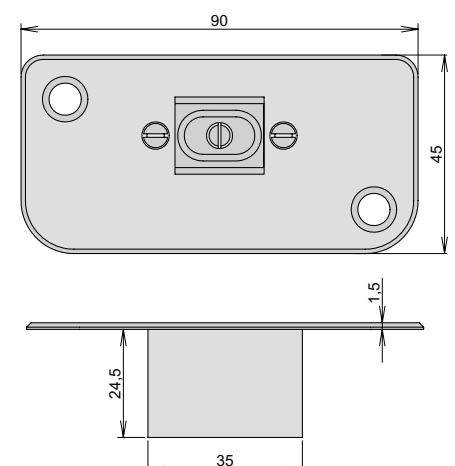
### Floor strike recess BS-8

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



#### Technical data

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





No CF 5675

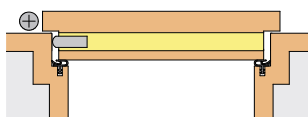


## Schall-Ex® L-15/30 OS

- 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 geometrical stability in the rebate area of the door
- 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 launch of operation
- Seal adjustment without tools
- Quicker installation, since no need for press plate installation



### Fixing

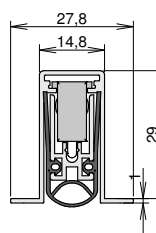


### Technical data

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

Accessories  
(included in delivery)

-





No CF 5675

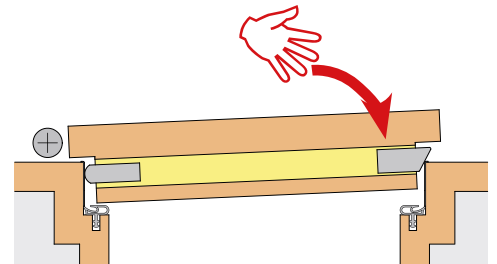
## Schall-Ex® DUO L-15

- Door movement leaves no traces:  
Double actuation ensures there are no visible worn areas
- Door leaf is no more pushed aside as easy as never before
- High sound absorption value > 50 dB



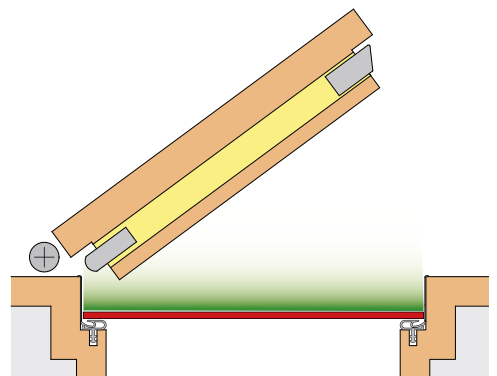
### Very easy actuation on lock side

- Minimal pressure required: barely perceptible

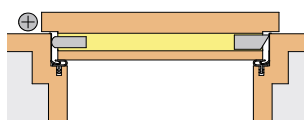


### No dragging

- Up to 83 % reduction in areas showing wear

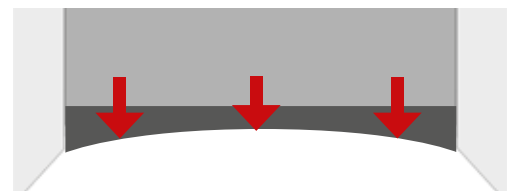
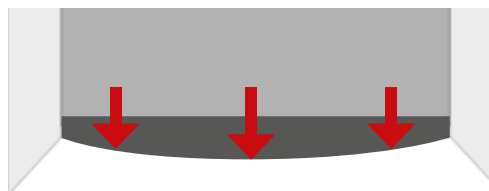


### Fixing



### Optimal adjustment for uneven floors

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





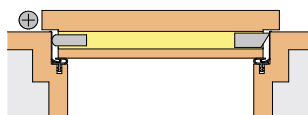
## Schall-Ex® DUO L-15 WS

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



No CF 5675

### Fixing

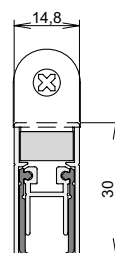


### Technical data

Groove width	15 mm
Actuation	Double actuation
Sealing profile material	Silicone, self-extinguishing
Travel	14 mm
Minimum length	708 mm
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)

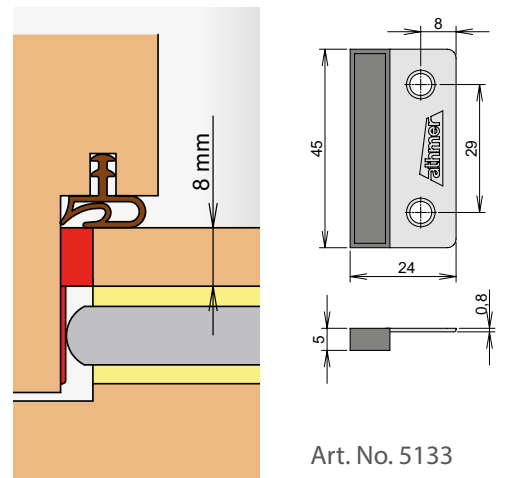
Art. no. 5435  
including stainless steel press plates



## Corner seal B-24

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

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

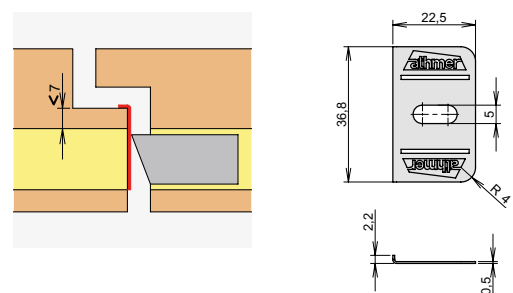


Art. No. 5133

### Stainless steel

## Press plate for the meeting stiles

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

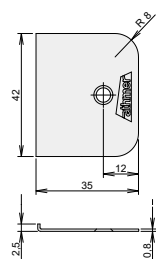


Art. no. 5514

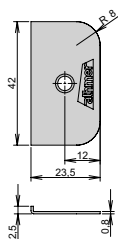
## Stainless steel

## Further press plates

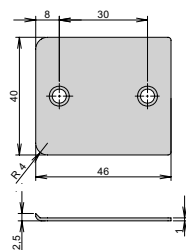
➤ To fit different rebate dimensions



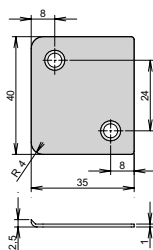
Art. no. S10006



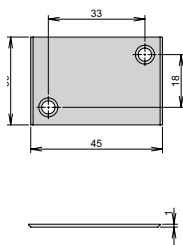
Art. no. 248



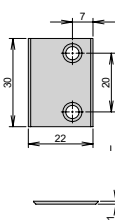
Art. no. 8107



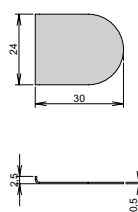
Art. no. 8111



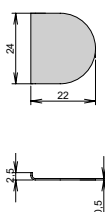
Art. no. 8117



Art. no. 8118

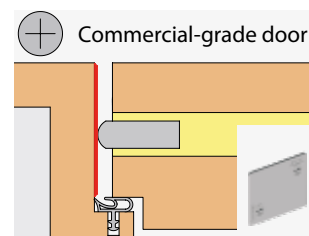
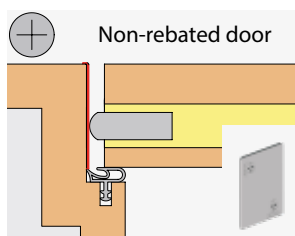
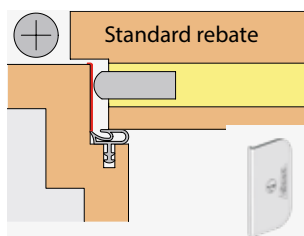


Art. no. 8106



Art. no. 8104

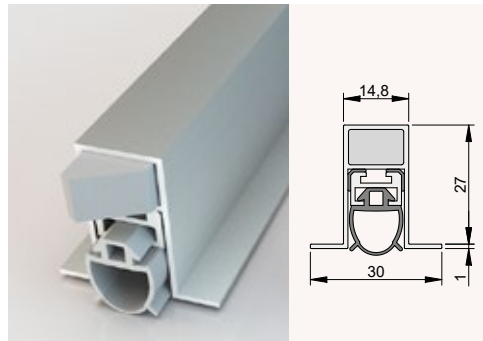
## Application





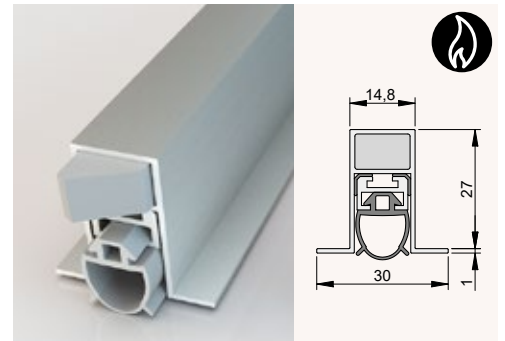
## Athmer M1 D

- Sound-proofing capacity, tested by professional German testing institute
- 45 dB with 5 mm sealing height
- 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095

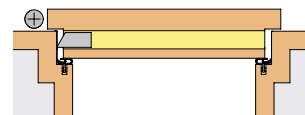
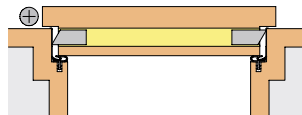


## Athmer M1 DH

- Sound-proofing capacity, tested by professional German testing institute
- 45 dB with 5 mm sealing height
- 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095
- Fire-proofing capacity tested by professional German testing institute in accordance with DIN4102.



### Fixing



### Technical data

Groove width 15 x 27 mm

Actuation double single

Sealing profile material Silicone

Travel 11 mm

Minimum length 235 mm

Standard lengths customized

Maximum length 1,900 mm

Can be shortened by 125 mm (from 708 - 1,900 mm)

Article number 1-182 1-183

Accessories (included in delivery) S003 S001

15 x 27 mm

double single

Self-extinguishing-silicone

11 mm

235 mm

customized

1,900 mm

125 mm (from 708 - 1,900 mm)

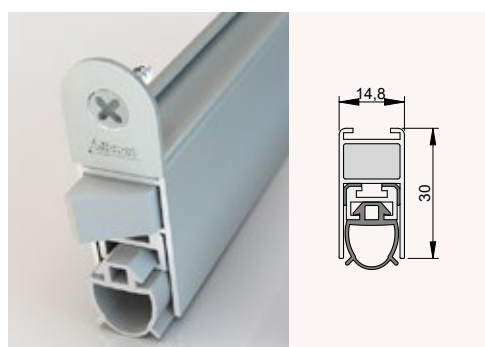
1-178 1-179

S003 S001



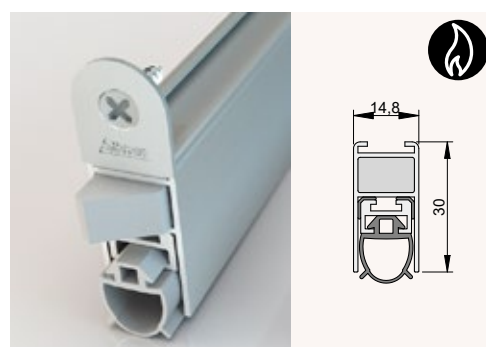
## Athmer M1 B

- Sound-proofing capacity, tested by professional German testing institute
  - 45 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095

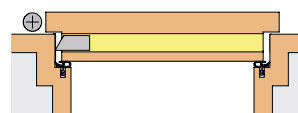
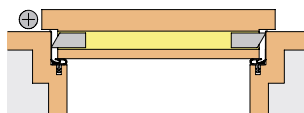


## Athmer M1 BH

- Sound-proofing capacity, tested by professional German testing institute
  - 45 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095
- Fire-proofing capacity tested by professional German testing institute in accordance with DIN4102.



### Fixing



### Technical data

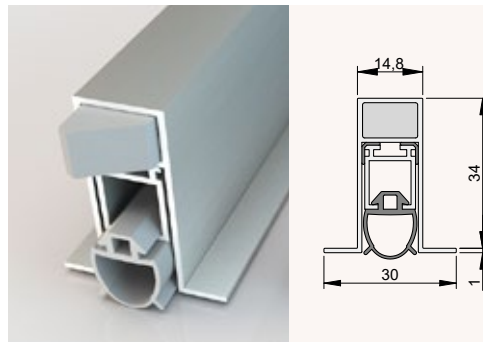
Groove width	15 x 30 mm			
Actuation	double		single	
Sealing profile material	Silicone			
Travel	11 mm			
Minimum length	235 mm			
Standard lengths	customized			
Maximum length	1,900 mm			
Can be shortened by	125 mm (from 708 - 1,900 mm)			
Article number	1-188	1-738	1-189	1-739
Fixing Accessories (included in delivery)	angled S004	end cap S015	angled S002	end cap S014

15 x 30 mm			
double		single	
Self-extinguishing-silicone			
11 mm			
235 mm			
customized			
1,900 mm			
125 mm (from 708 - 1,900 mm)			
1-184	1-740	1-185	1-741
angled S004	end cap S015	angled S002	end cap S014



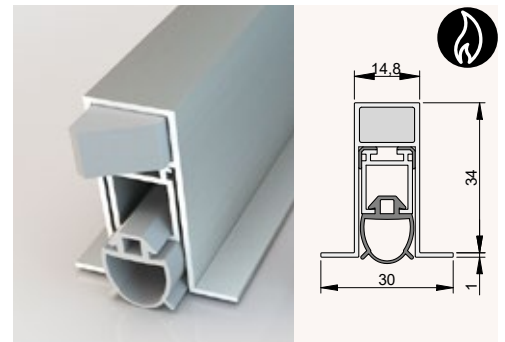
## Athmer M2 D

- Sound-proofing capacity, tested by professional German testing institute
  - 45 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
  - 37 dB with 15 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095

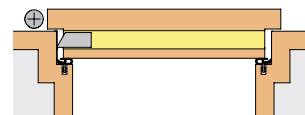
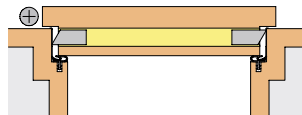


## Athmer M2 DH

- Sound-proofing capacity, tested by professional German testing institute
  - 45 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
  - 37 dB with 15 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095
- Fire-proofing capacity tested by professional German testing institute in accordance with DIN4102.



### Fixing



### Technical data

Groove width 15 x 34 mm

Actuation single

Sealing profile material Silicone

Travel 20 mm

Minimum length 300 mm

Standard lengths customized

Maximum length 1,700 mm

Can be shortened by 125 mm (from 486 to 1,700 mm)

Article number 1-170

Accessories  
(included in delivery)

S001

15 x 34 mm

single

Self-extinguishing-silicone

20 mm

300 mm

customized

1,700 mm

125 mm (from 486 to 1,700 mm)

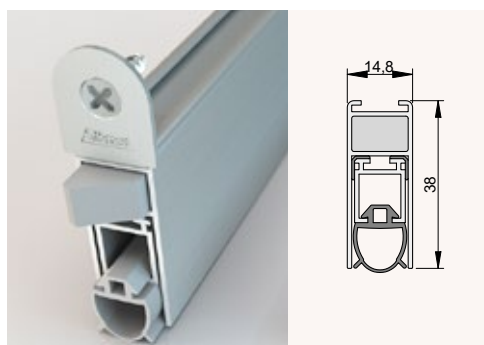
1-169

S001



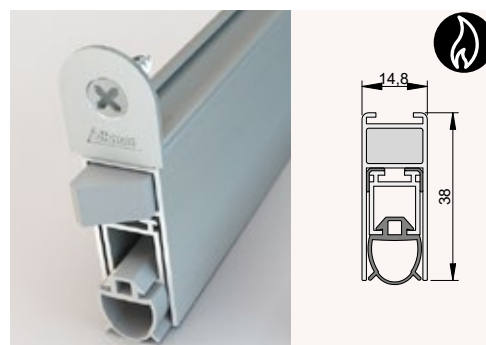
## Athmer M2 B

- Sound-proofing capacity, tested by professional German testing institute
  - 45 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
  - 37 dB with 15 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095

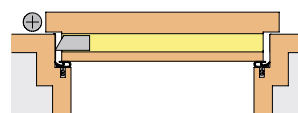
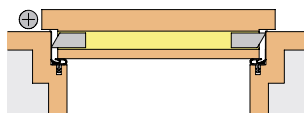


## Athmer M2 BH

- Sound-proofing capacity, tested by professional German testing institute
  - 45 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
  - 37 dB with 15 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095
- Fire-proofing capacity tested by professional German testing institute in accordance with DIN4102.



### Fixing



### Technical data

Groove width 15 x 38 mm

Actuation single

Sealing profile material Silicone

Travel 20 mm

Minimum length 300 mm

Standard lengths customized

Maximum length 1,700 mm

Can be shortened by 125 (from 486 to 1,700 mm)

Article number 1-173

Accessories  
(included in delivery) S002

15 x 38 mm

single

Self-extinguishing-silicone

20 mm

300 mm

customized

1,700 mm

125 (from 486 to 1,700 mm)

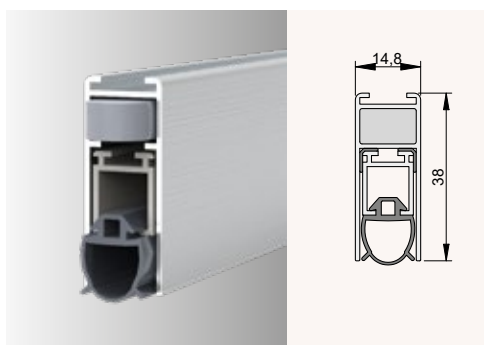
1-172

S002



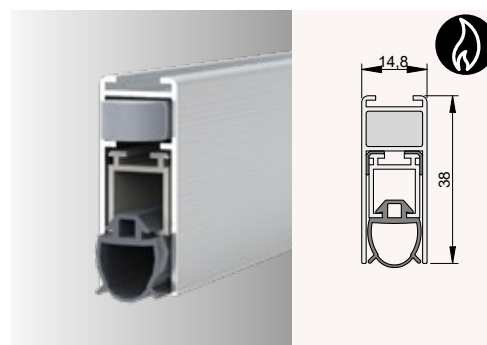
## Athmer S M2 B

- Specially designed for use on swing doors and sliding doors.
- Sound-proofing capacity, tested by professional German testing institute:
  - 45 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
  - 37 dB with 15 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095.
- Long-term durability tested with 200,000 test cycles.

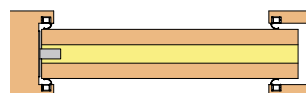
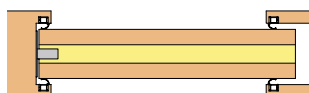


## Athmer S M2 BH

- Specially designed for use on swing doors and sliding doors.
- Sound-proofing capacity, tested by professional German testing institute:
  - 45 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
  - 37 dB with 15 mm sealing height
- Smoke-proofing capacity, proved by professional German testing institute in accordance with DIN18095.
- Long-term durability tested with 200,000 test cycles.



### Fixing



### Technical data

Groove width 15 x 38 mm

Actuation single actuation

Sealing profile material Silicone

Travel 20 mm

Minimum length 300 mm

Standard lengths customized

Maximum length 1,700 mm

Can be shortened by 125 mm (from 486 to 1,700 mm)

Article number 1-176

Accessories  
(included in delivery) S002

15 x 38

single actuation

Self-extinguishing-silicone

20 mm

300 mm

customized

1,700 mm

125 mm (from 486 to 1,700 mm)

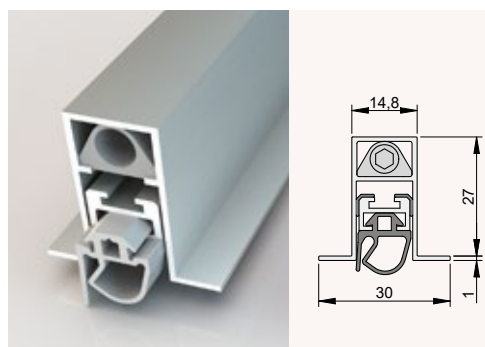
1-177

S002



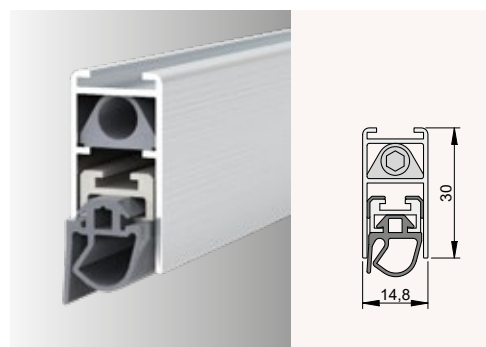
## Athmer M4 D

- With resiliently mounted sealing profile.
- Use of a threshold (page 87) is recommended
- Sound-proofing capacity, tested by professional German testing institute:
  - 44 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095.

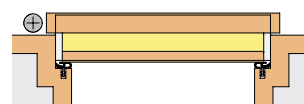
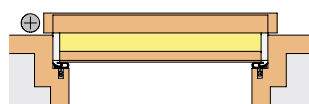


## Athmer M4 B

- With resiliently mounted sealing profile.
- Use of a threshold (page 87) is recommended
- Sound-proofing capacity, tested by professional German testing institute:
  - 44 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095.



### Fixing



### Technical data

Groove width 15 x 27 mm

Actuation -

Sealing profile material PVC

Travel adjustable with a hex key

Minimum length 583 mm

Standard lengths customized

Maximum length 1,700 mm

Can be shortened by 65 mm on both ends

Article number 1-102

Accessories  
(included in delivery) S010

15 x 30 mm

-

PVC

adjustable with a hex key

583 mm

customized

1,700 mm

65 mm on both ends

1-103

S009

## Product family

## Schall-Ex® Ultra

- For all applications:  
Acoustic, smoke and fire doors
- High sound absorption capacity: >50 dB
- Actuation on the opening face with  
automatic height and level adjustment
- Lock-side actuation,  
Minimal pressure required for actuation
- Self-adjusting with overload protection
- Supply package includes accessories
- Optionally with single actuation, e.g.  
for the passive wing



### Smoke and fire doors



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



No CF 5675

### Acoustic doors



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

### Front doors



- Anodised housing made of aluminium  
for long-term resistance to climatic conditions
- Stainless steel springs and rustproof  
inner mechanical parts
- Silicone profile prevents freezing in position  
and ensures flexible seal with the floor  
even in icy conditions



### Damp rooms



- Schall-Ex® Ultra is the optimal choice for  
Damp and wet room doors
- Corrosion-tested in accordance with EN 1670
- Highest corrosion class 5  
= 480 hours of salt spray testing
- Double durability testing  
under wet-room conditions
- Full functionality after 500,000  
cycles



**Barrier-free**

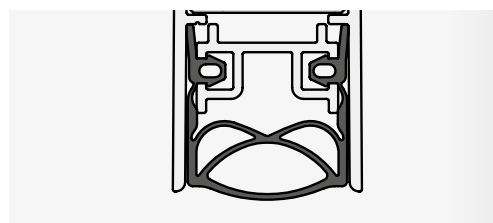
- Meets requirements for barrier-free construction



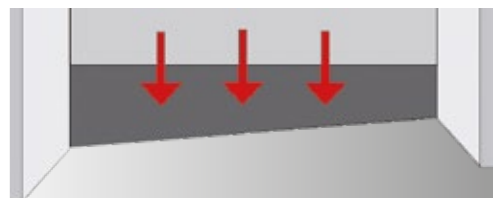
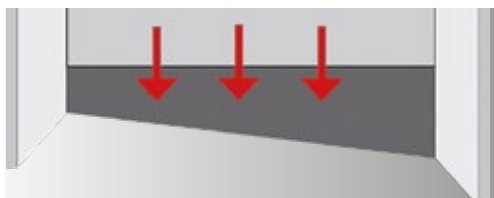
Certificate:  
"DIN approved -  
Barrier-free"

**Multi-chamber seal**

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

**Floor level adjustment**

- Floor level adjustment with concave and convex floors

**Automatic level compensation**

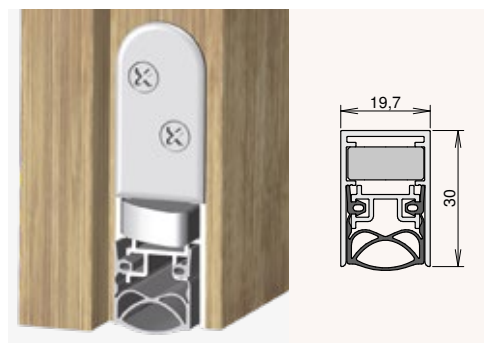
- With integrated overload protection as standard:  
Constant and even, therefore optimal floor contact pressure
- Saves time, since no fine adjustment necessary
- Improved operational reliability since the system self-adjusts if conditions change



No CF 5675

## Schall-Ex® Ultra WS

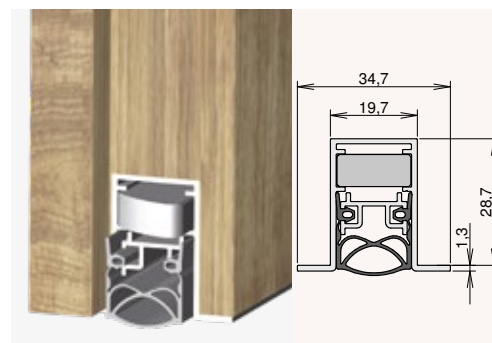
- Actuation on the opening face with automatic height and level adjustment
- Lock-side actuation, Minimal pressure required for actuation
- Self-adjusting with overload protection



Tested in accordance with  
EN 1670

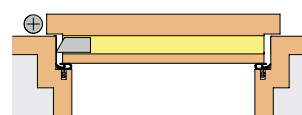
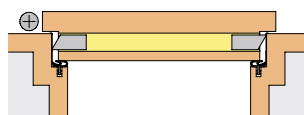
## Schall-Ex® Ultra OS

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



Tested in accordance with  
EN 1670

### Fixing



### Technical data

Groove width

20 mm

Actuation

Double actuation

Single actuation

Sealing profile material

Silicone, self-extinguishing

Travel

12 mm

Minimum 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

1-290

1-291

Accessories  
(included in delivery)

Art. no. 5600  
including stainless  
steel press plates

Art. no. 5610  
including stainless  
steel press plate

20 mm

Double actuation

Single actuation

Silicone, self-extinguishing

12 mm

708 mm

220 mm

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

1,500 mm

2,000 mm

125 mm from 708 mm

1-292

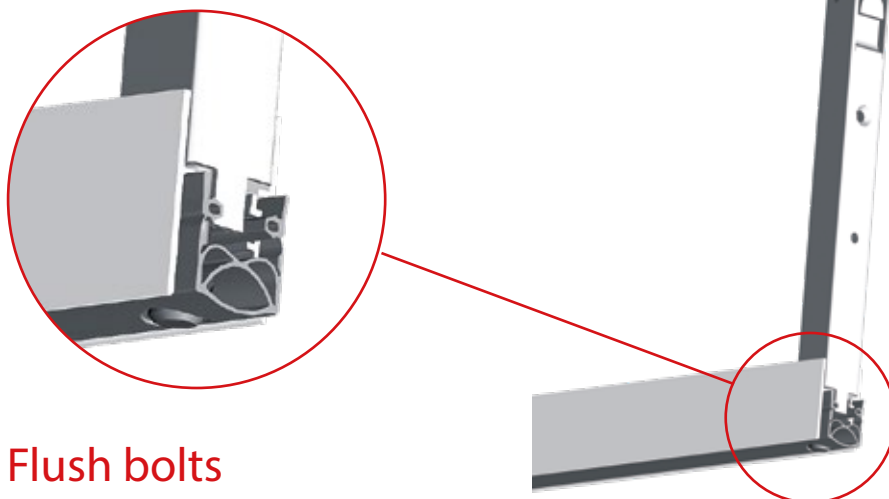
1-293

Art. no. 5420  
including stainless  
steel press plates

Art. no. 5503  
including stainless  
steel press plate

Sealing without gaps  
even with double-wing  
doors

## Flush bolt set-up



## Flush bolts

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

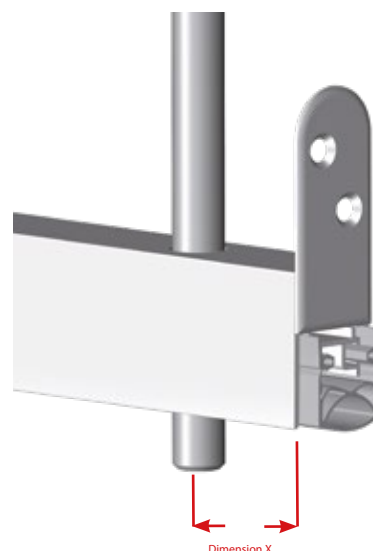
### Technical data

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

### Flush bolt set-up

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

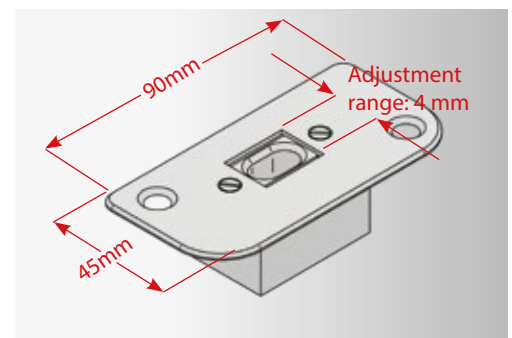
Minimum length if flush bolt hole incorporated =  
distance from drilled hole (X) + 217 mm



## Stainless steel floor strike recess

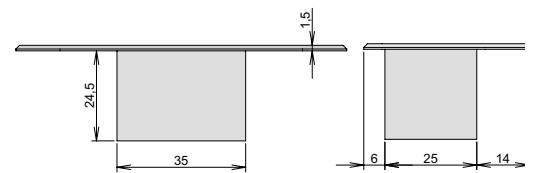
### BS-10

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



## Technical data

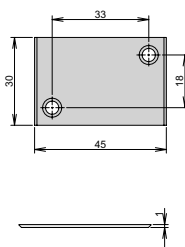
Material	Stainless steel floor plate and aluminium recess
Installation	Fix to floor using two countersunk screws $\varnothing 4.5$ mm.
Recess required in floor	30 x 40, > 26 depth
Article number	129



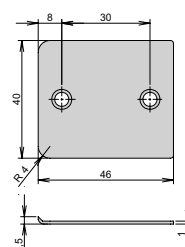
## Stainless steel

### Further press plates

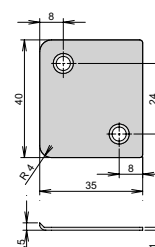
- To fit different rebate dimensions



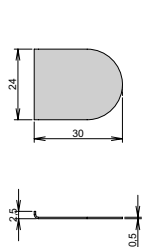
Art. no. 8117



Art. no. 8107

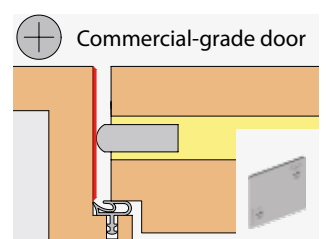
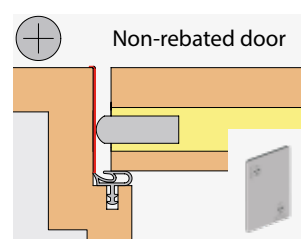
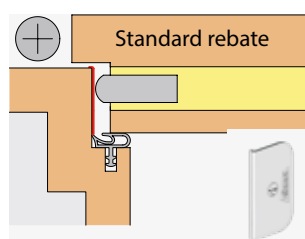


Art. no. 8111



Art. no. 8106

## Application



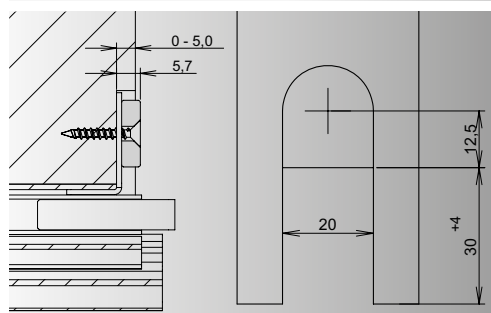


## Schall-Ex® Slide & Lock M-20 WS

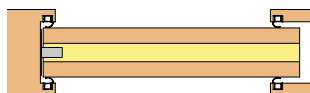
- Automatic height and level compensation
- Higher safety of use through self-adjustment to changing conditions
- With integrated overload protection as standard
- Optimised sealing profile with sound reduction > 50 dB with 7 mm sealing height



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



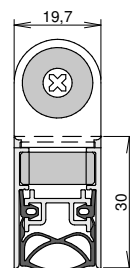
### Fixing



### Technical data

Groove width	20 mm
Actuation	Single actuation
Sealing profile material	Silicone, self-extinguishing
Travel	12 mm
Minimum length	220 mm
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

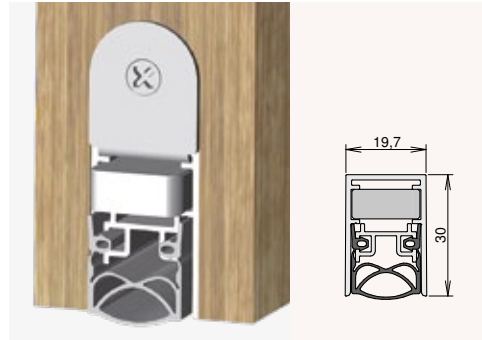
Accessories (included in delivery) Art. No. 5103 incl. galvanised steel press plate, holding magnet





## Schall-Ex® Slide M-20 WS

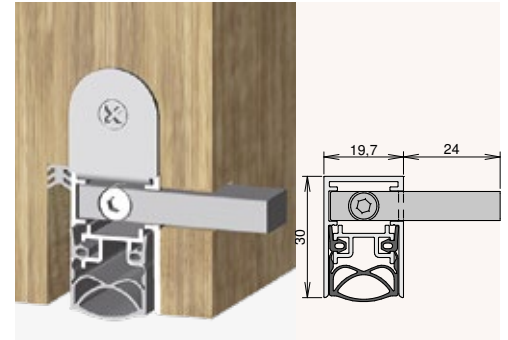
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection
- Sound absorption value > 50 dB with sealing height of 7 mm



Tested in accordance with EN 1670

## Schall-Ex® Slide M-20 WS ZA

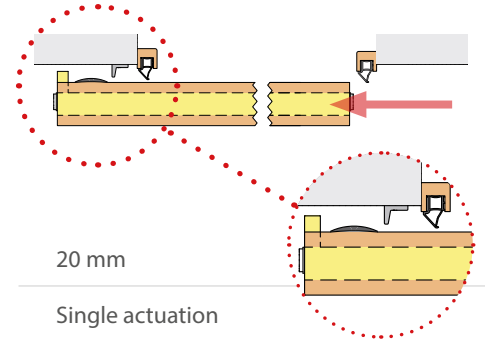
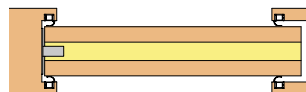
- For installation in sliding doors, with concealed actuation mechanism on the adjacent closing edge
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection



Tested in accordance with EN 1670

Tested in accordance with EN 1670!

### Fixing



### Technical data

Groove width	20 mm
Actuation	Single actuation
Sealing profile material	Silicone, self-extinguishing
Travel	12 mm
Minimum length	220 mm
Standard lengths	708, 833, 958, 1,083, 1,208 mm
Maximum length	2,000 mm
Can be shortened by	125 mm from 708 mm
Article number	1-556

Accessories  
(included in delivery)

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

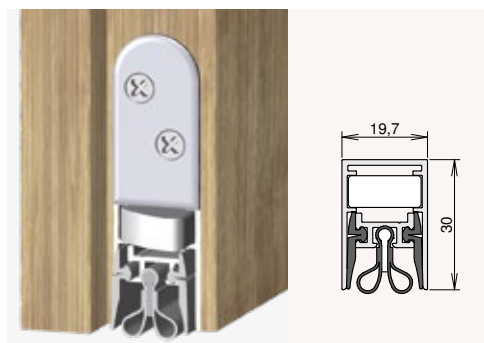
20 mm	
Single actuation	
Silicone, self-extinguishing	
12 mm	
650 mm	
708, 833, 958, 1,083, 1,208 mm	
2,000 mm	
Cannot be shortened	
1-846 (DIN-L)	1-847 DIN/R

Art. no. 5114



## Schall-Ex® Radiation protection WS

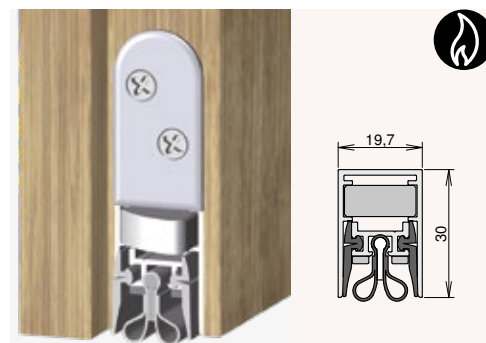
- For doors with radiation protection requirements
- Automatic height and level compensation
- Self-adjusting with overload protection



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

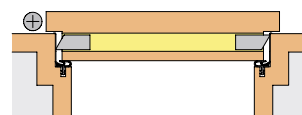
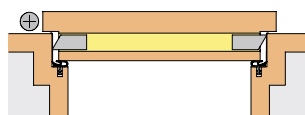
## Schall-Ex® Radiation protection WS BD

- 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

### Fixing



### Technical data

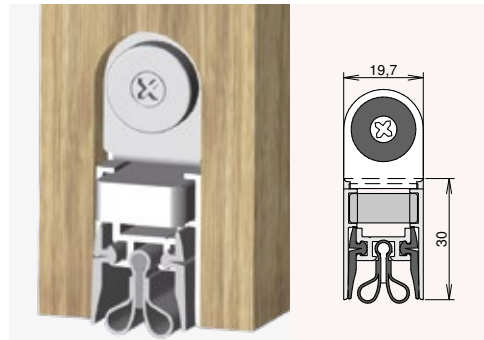
Groove width	20 mm	
Actuation	Double actuation	Single actuation
Sealing profile material	Silicone, lead rubber	
Travel	12 mm	
Minimum length	708 mm	220 mm
Standard lengths	708, 833, 958, 1,083, 1,208 mm	
Maximum length	1,500 mm	2,000 mm
Can be shortened by	125 mm from 708 mm	
Article number	1-528	1-529
Accessories (included in delivery)	Art. no. 5600 including stainless steel press plates	Art. no. 5610 including stainless steel press plate

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



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

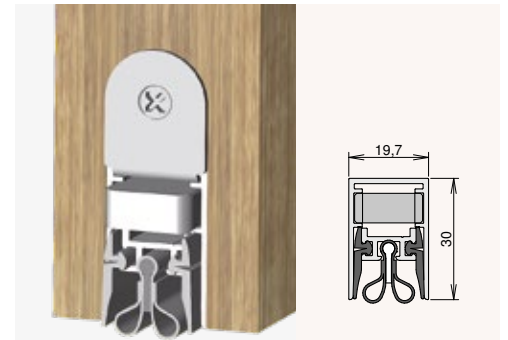
- Automatic height and level compensation
- Self-adjusting
- Integrated overload protection



In accordance with DIN 6834

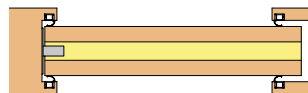
## Schall-Ex® Slide Radiation protection M-20 WS

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



In accordance with DIN 6834

### Fixing



### Technical data

Groove width	20 mm	20 mm
Actuation	Single actuation	Single actuation
Sealing profile material	Silicone, lead rubber	Silicone, lead rubber
Travel	12 mm	12 mm
Minimum length	220 mm	220 mm
Standard lengths	708, 833, 958, 1,083, 1,208 mm	708, 833, 958, 1,083, 1,208 mm
Maximum length	2,000 mm	2,000 mm
Can be shortened by	125 mm from 708 mm	125 mm from 708 mm
Article number	1-551	1-557
Accessories (included in delivery)	Art. no. 5103 incl. galvanised steel press plate	Art. no. 5114 including zinc die-cast press plate



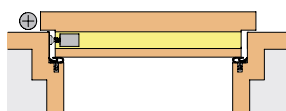
## Schall-Ex® Jumbo I

### For doors with extremely wide sealing-gaps

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

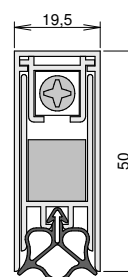


### Fixing



### Technical data

Groove width	20 mm
Actuation	Single actuation
Sealing profile material	Silicone, self-extinguishing
Travel	35 mm
Minimum length	450 mm
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





## Athmer Rainstop®

### Barrier-free external door seal

For Athmer, the optimum operating comfort of doors has traditionally been at the top of the agenda in product development. Today we are experiencing that the requirements for barrier-free planning, construction and living are becoming increasingly important.

However, despite the zero threshold and barrier-free access, especially on outside doors, neither wind, driving rain or noise are allowed to penetrate the interior.

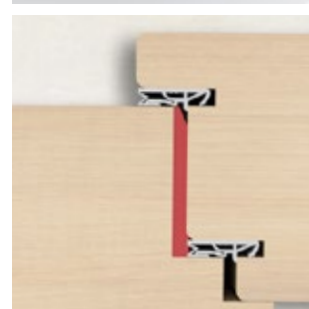
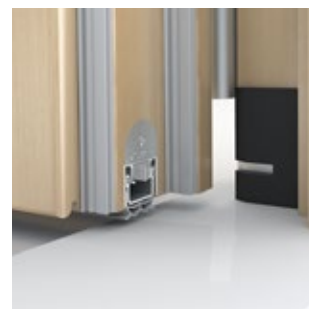
With the new ATHMER RAINSTOP® external door seal, Athmer is bringing a door seal onto the market that has been proven to meet all of the above-mentioned requirements.

For wooden doors, the sealing system is available as a set with a suitable corner solution.

The corner connection consists of a special water-repellent EPDM foam and can be cut to various rebate depths and geometries without any problems and in the shortest possible time. The self-adhesive foam parts can be stuck into the door 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.





R. NO. P1B050/07

## Athmer Rainstop® M-24/20 WS

### Quick and reliable installation

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

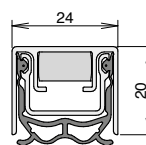


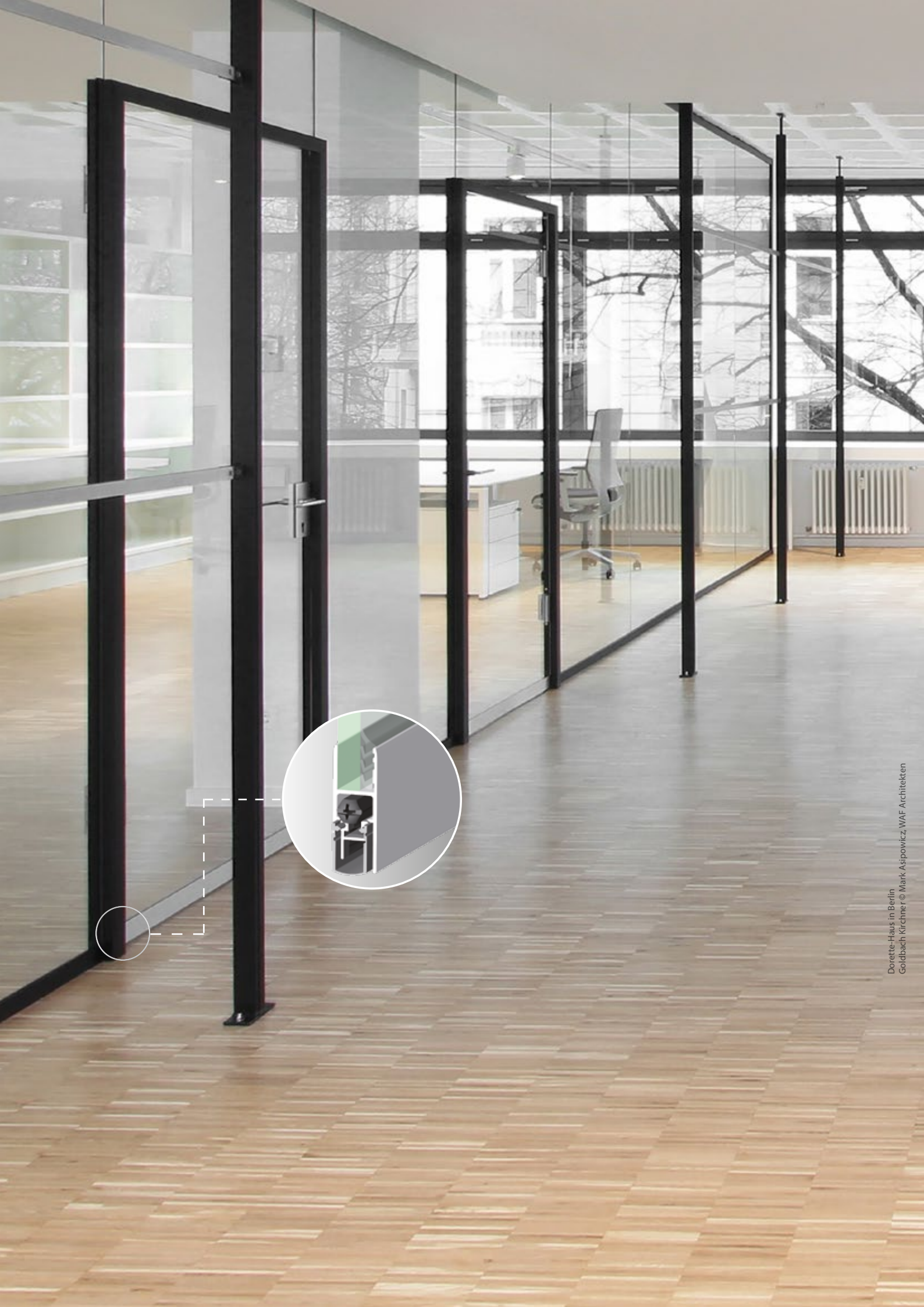
### Actuation



### Technical data

Width	Height	24 x 20 mm
Actuation		Single actuation
Sealing profile material		Silicone, self-extinguishing
Travel		13 mm
Minimum length		300 mm
Standard lengths		900, 975, 1,050, 1,125, 1,200, 1,275, 1,350, 1,425 and 1,500 mm
Maximum length		1,500 mm
Can be shortened by		75 mm on both sides
Article number		1-932
Accessories (included in delivery)		Art. no. 5138 including stainless steel press plate





# DROP SEALS for glass doors

## Acoustic, fire and smoke.

Athmer sealing systems for all glass doors and thicknesses are versatile in use and provide a reliable seal. Our sealing systems are ideal both for hinged doors and sliding doors (including automatic sliding doors).

- Acoustic, smoke and fire protection
- Solution for sliding doors
- Barrier-free
- For all glass thicknesses
- Suitable for retrofitting

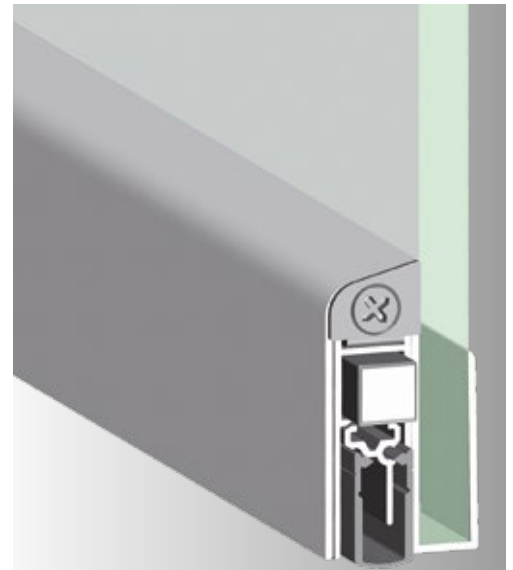
**Athmer - securely sealed.**



## Product family

## Schall-Ex® GS

- For all-glass 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
- We deliver all automatic door seals for glass doors with the "Ü" sign of compliance



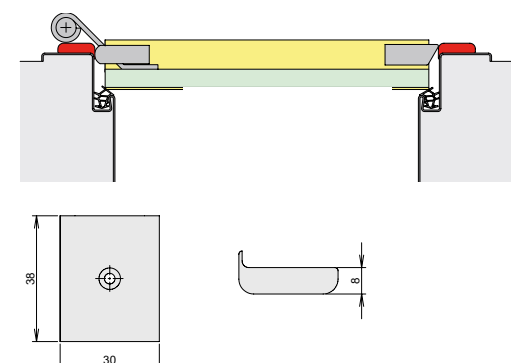
Sound insulation test report for Schall-Ex GS-8 available on request



Certificate: "DIN approved - Barrier-free"



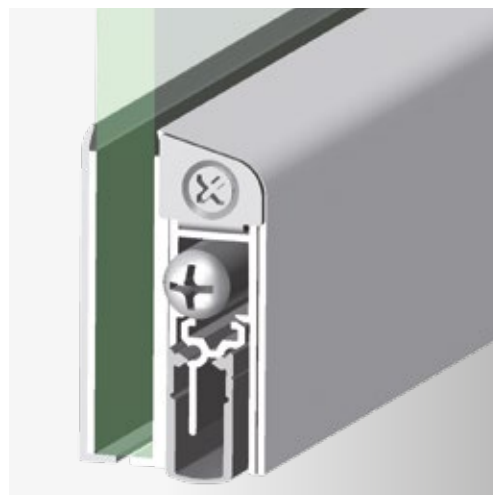
- To optimise actuation in special frames.  
Art. no. 5110 anodised silver-coloured  
Art. no. 5118 anodised stainless steel-coloured  
(consisting of one pair with attachment screws)





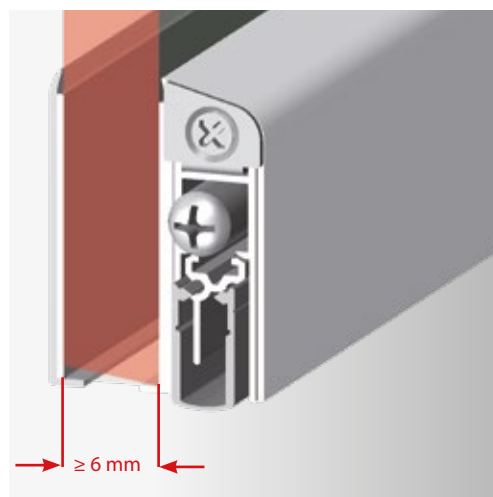
## Schall-Ex® GS-A

- 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



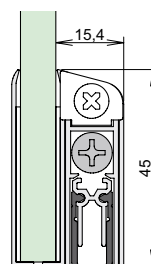
### Fixing



### Technical data

Glass thickness	$\geq 6 \text{ mm}$
Overall dimensions W x H	15.4 x 45 mm
Actuation	single actuation
Sealing profile material	Silicone, self-extinguishing
Travel	11 mm
Minimum length	235 mm
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® Slide GS-A

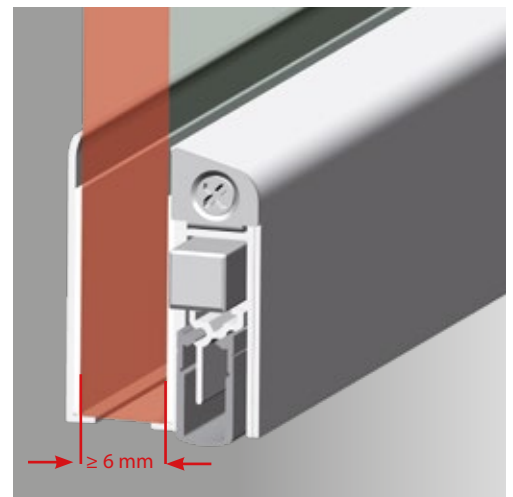
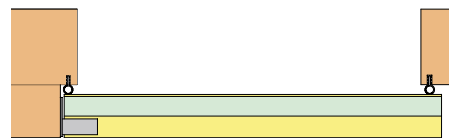
- For sliding doors from 6 mm glass thickness
- Seal and separate cover profile, self-adhesive
- Reduced storage costs
- Suitable for retrofitting



### Surface finish

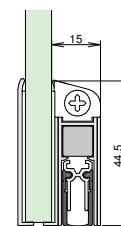
- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

### Fixing



### Technical data

Glass thickness	≥ 6 mm	
Overall dimensions W x H	15.4 x 45 mm	
Actuation	Single actuation	
Sealing profile material	Silicone, self-extinguishing	
Travel	11 mm	
Minimum length	235 mm	
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



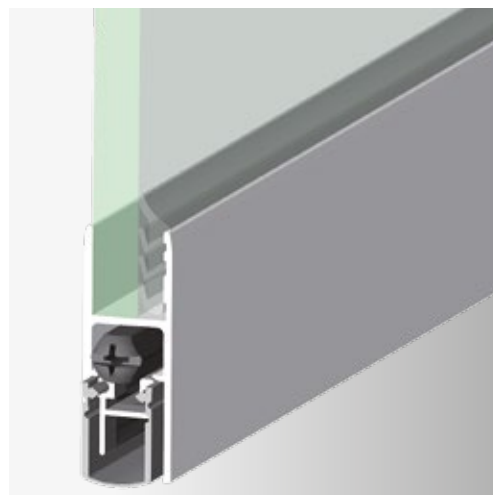
Accessories  
(included in delivery)

Art. no. 5503  
including stainless steel press plate



## Schall-Ex® GS-H8/12

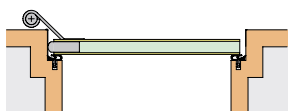
- Universal glass door seals for  
Doors with glass thicknesses  
from 8 - 12 mm
- Single actuation
- Lock-side cover  
made of stainless steel
- Reduced storage costs



### Surface finish

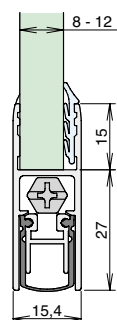
- Silver-coloured, anodised C-0
- Stainless steel-coloured, anodised C-31

### Fixing



### Technical data

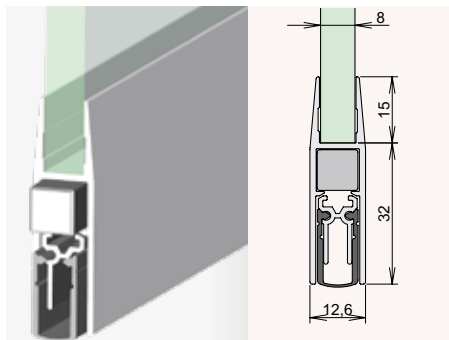
Glass thickness	8-12 mm	
Dimensions	15 + 27 x 15.4 mm	
Actuation	Single actuation	
Sealing profile material	Silicone, self-extinguishing	
Travel	12 mm	
Minimum length	235 mm	
Standard lengths	708, 833, 958, 1,083, 1,208 mm	
Maximum length	1,333 mm	
Can be shortened by	125 mm	
Individually packed	Foil tube	
Article number	1-817 C-0	1-818 C-31
Accessories (included in delivery)	Art. no. 5550 3 glazing profiles Press plate made of stainless steel Cover angle	





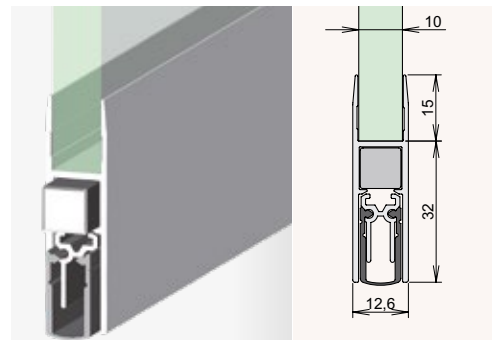
## Schall-Ex® Slide GS-H8

- For sliding 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 sliding 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	10 mm
Dimensions	15 + 32 x 12.6 mm	15 + 32 x 12.6 mm
Actuation	Single actuation	Single actuation
Sealing profile material	Silicone, self-extinguishing	Silicone, self-extinguishing
Travel	11 mm	11 mm
Minimum length	280 mm	280 mm
Standard lengths	708, 833, 958, 1,083, 1,208 mm	708, 833, 958, 1,083, 1,208 mm
Maximum length	1,605 mm	1,605 mm
Can be shortened by	125 mm	125 mm
Individually packed	Foil tube	Foil tube
Article number	1-578 C-0	1-680 C-31
		1-572 C-0
		1-681 C-31

Accessories  
(included in delivery)

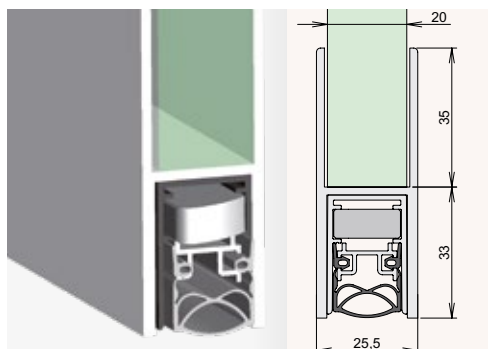
Art. no. 5424  
including zinc die-cast press plate

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



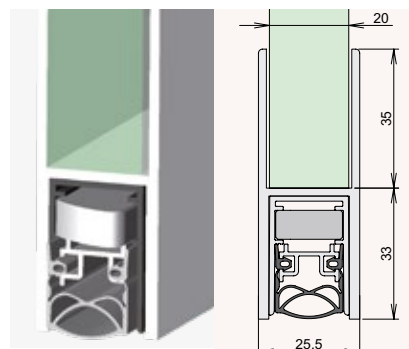
## Schall-Ex® Duo GS-H20

- 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

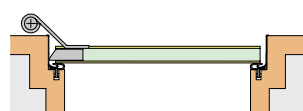
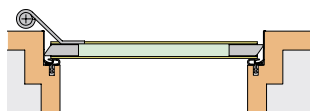
- For doors with 20 mm glass thickness
- Single actuation
- Suitable for DIN-L and DIN-R doors



### Surface finish

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

### Fixing



### Technical data

Glass thickness	20 mm
Dimensions	35 + 33 x 25.5 mm
Actuation	Double actuation
Sealing profile material	Silicone, self-extinguishing
Travel	12 mm
Minimum length	708 mm
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 + 33 x 25.5 mm
Actuation	Single actuation
Sealing profile material	Silicone, self-extinguishing
Travel	12 mm
Minimum length	220 mm
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



## "Allround seal"

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

- For enhanced seal against noise, draughts and smoke
- Set to be adapted individually to the door system

We would be pleased to answer your enquiries and support you with technical know how.



### Example:

#### System consisting of

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

All-glass sliding door running in front of the wall

Upper door seal ①

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

Lateral seals ②

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

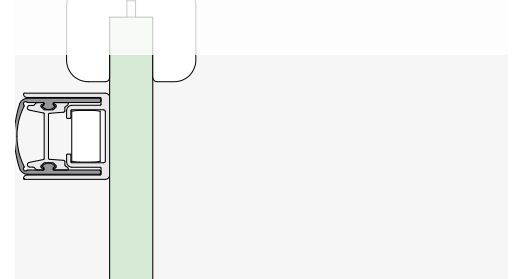
Lower door seal ③

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

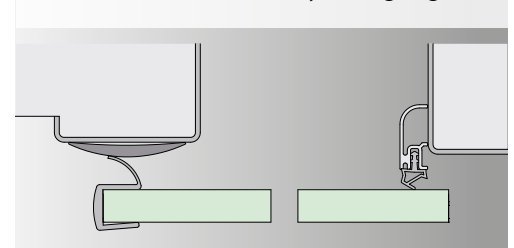
Door leaf guide ③

Sliding doorguide Art. 5106

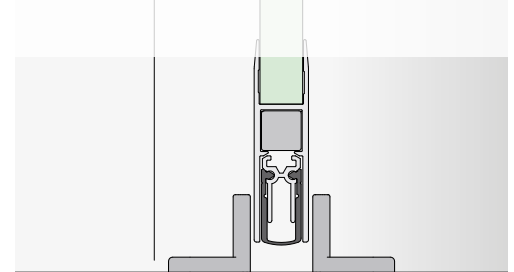
➤ ① Above: Door seal on the door leaf



➤ ② On the side: seal on the secondary closing edge



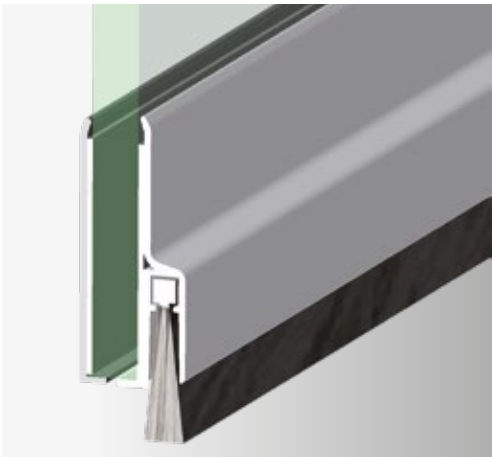
➤ ③ Below: Schall-Ex® Slide





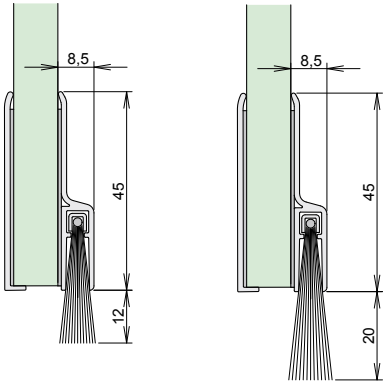
Glasdicht SK

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



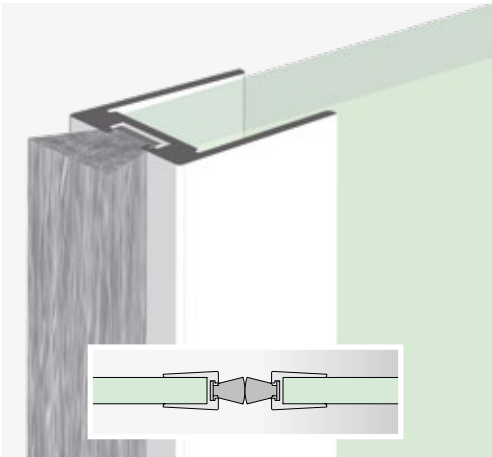
Technical data

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



Glasdicht UB

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



Technical data

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



# DROP SEALS for metal and system doors

## Acoustic, fire and smoke.

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.

- Sound, smoke and fire proofing capacity, tested by professional German testing institute
- Barrier-free
- Up to 51 dB sound-proofing capacity
- Up to 13mm travel
- Single actuation
- Products tested with EN 1634-1 fire resistance, EN 1634-3 smoke control, BS476-22, UL and certifiere

**Athmer - securely sealed.**



## Athmer Rainstop®

ATHMER RAINSTOP® stands for certified quality: the renowned ift Rosenheim certifies the new sealing system's resistance to driving rain, resistance to wind load and excellent sound reduction values up to 51dB. Furthermore, Athmer Rainstop has successfully passed salt spray testing by the MPA NRW. ATHMER RAINSTOP® is based on the technology of the well-known and proven STADI-L series for system doors and therefore bears the U-sign. The sealing system is certified as barrier-free according to DIN 18040.

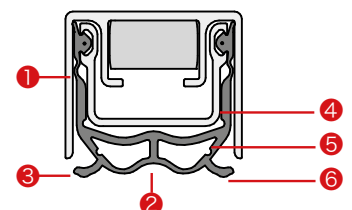
System door manufacturers can adapt ATHMER RAINSTOP® individually, according to the geometry of their aluminium, PVC or steel door in corner areas - each profile door manufacturer requires their own solution, depending on the position of the seal and the hinge geometry.

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

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



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



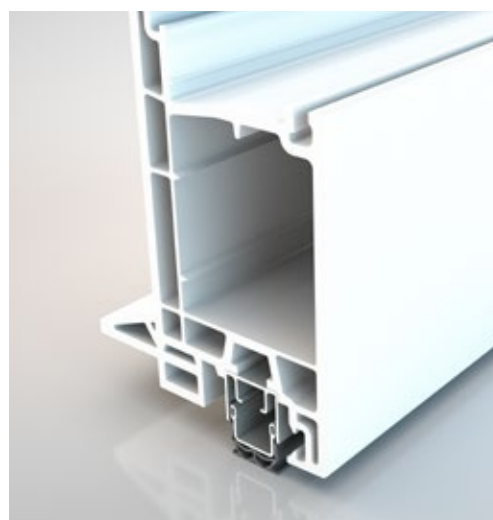
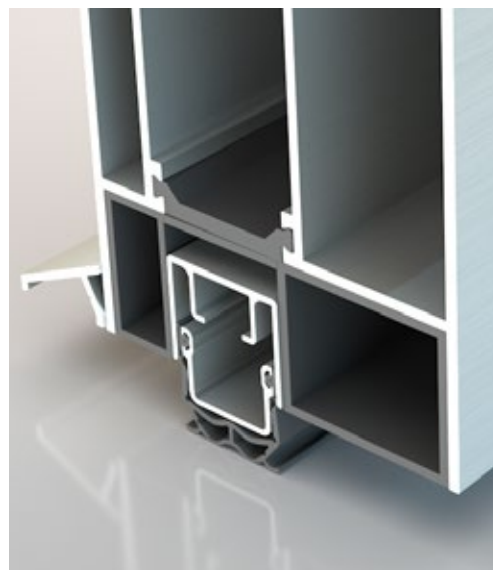


R. NO. P1B050/07

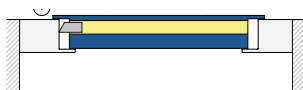
## Athmer Rainstop® M-24/20 WS

### Quick and reliable installation

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

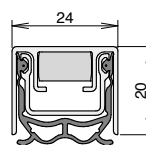


### Actuation



### Technical data

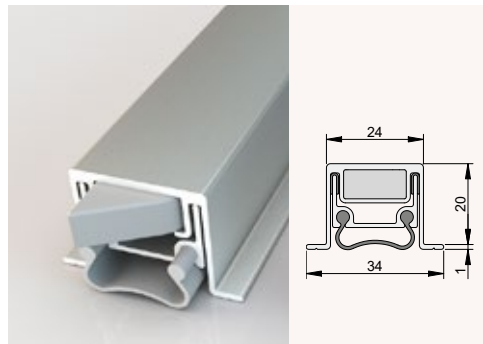
Width	Height	24 x 20 mm
Actuation		Single actuation
Sealing profile material		Silicone, self-extinguishing
Travel		13 mm
Minimum length		300 mm
Standard lengths		900, 975, 1,050, 1,125, 1,200, 1,275, 1,350, 1,425 and 1,500 mm
Maximum length		1,500 mm
Can be shortened by		75 mm on both sides
Article number		1-932
Accessories (included in delivery)		Art. no. 5138 including stainless steel press plate





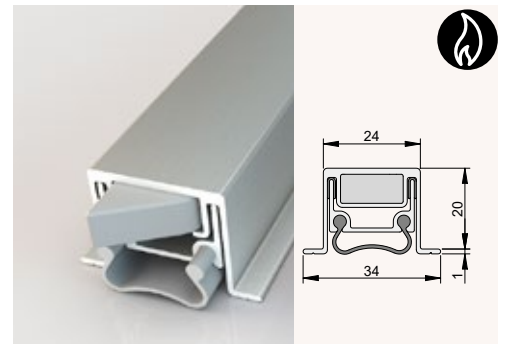
## Athmer M3 D

- Sound-proofing capacity, tested by professional German testing institute
- 44 dB with 5 mm sealing height
- 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095



## Athmer M3 DH

- Sound-proofing capacity, tested by professional German testing institute
- 44 dB with 5 mm sealing height
- 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095
- Fire-proofing capacity tested by professional German testing institute in accordance with DIN4102.



### Fixing



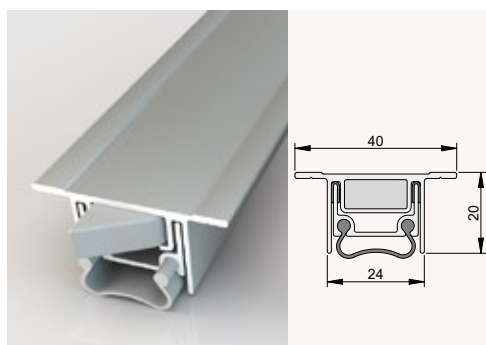
### Technical data

Groove width	24 mm	24 mm
Actuation	Single actuation	Single actuation
Sealing profile material	Silicone	Self-extinguishing-silicone
Travel	11 mm	11 mm
Minimum length	220 mm	220 mm
Standard lengths	customized	customized
Maximum length	4,000 mm	4,000 mm
Can be shortened by	125 (from 676 to 4,000 mm)	125 (from 676 to 4,000 mm)
Article number	1-245	1-244
Accessories (included in delivery)	S008	S008



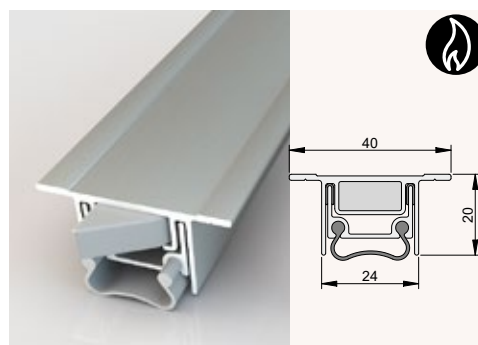
## Athmer M3 C

- Sound-proofing capacity, tested by professional German testing institute
- 44 dB with 5 mm sealing height
- 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095

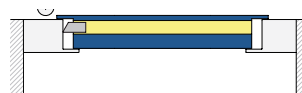
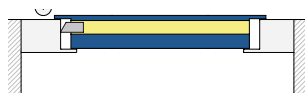


## Athmer M3 CH

- Sound-proofing capacity, tested by professional German testing institute
- 44 dB with 5 mm sealing height
- 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095
- Fire-proofing capacity tested by professional German testing institute in accordance with DIN4102.



### Fixing



### Technical data

Groove width	40 mm
Actuation	Single actuation
Sealing profile material	Silicone
Travel	11 mm
Minimum length	220 mm
Standard lengths	customized
Maximum length	4,000 mm
Can be shortened by	125 (from 676 to 4,000 mm)
Article number	1-247

Accessories  
(included in delivery) S008

Groove width	40 mm
Actuation	Single actuation
Sealing profile material	Self-extinguishing-silicone
Travel	11 mm
Minimum length	220 mm
Standard lengths	customized
Maximum length	4,000 mm
Can be shortened by	125 (from 676 to 4,000 mm)
Article number	1-248

S008

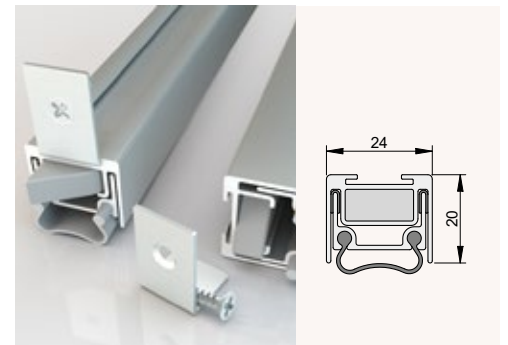
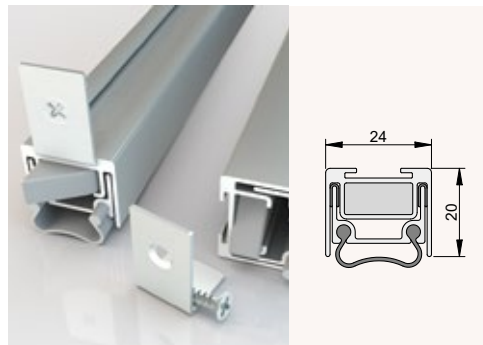


## Athmer M3 B

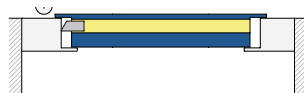
- Sound-proofing capacity, tested by professional German testing institute
- 44 dB with 5 mm sealing height
- 42 dB with 10 mm sealing height
- Sound-, smoke- and fire-proofing capacity, tested in accordance with DIN18095

## Athmer M3 BH

- Sound-proofing capacity, tested by professional German testing institute
- 44 dB with 5 mm sealing height
- 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095
- Fire-proofing capacity tested by professional German testing institute in accordance with DIN4102.



### Fixing



### Technical data

Groove width	24 mm
Actuation	Single actuation
Sealing profile material	Silicone
Travel	11 mm
Minimum length	220 mm
Standard lengths	customized
Maximum length	2,000 mm
Can be shortened by	125 (from 676 to 2,000 mm)
Article number	1-263

Accessories  
(included in delivery)

S007

Groove width	24 mm
Actuation	Single actuation
Sealing profile material	Self-extinguishing-silicone
Travel	11 mm
Minimum length	220 mm
Standard lengths	customized
Maximum length	2,000 mm
Can be shortened by	125 (from 676 to 2,000 mm)

1-264

S007



## Athmer T M3 D

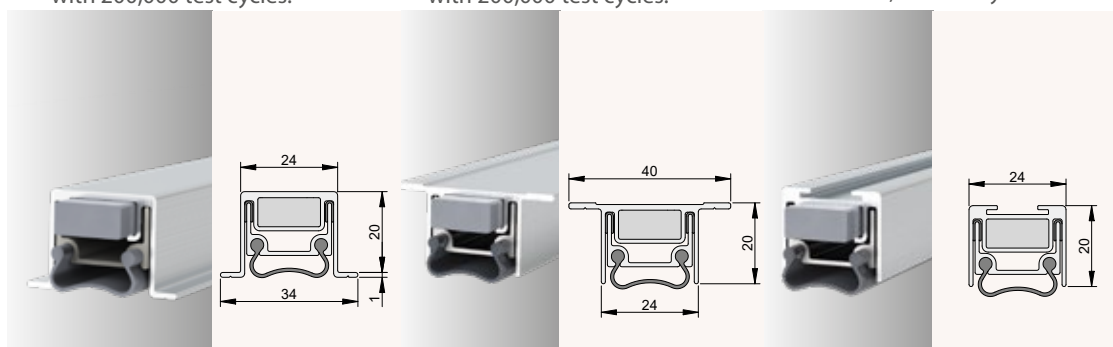
- Applicable for sliding doors made of aluminum, steel, PVC and other materials.
- Sound-proofing capacity, tested by professional German testing institute:
  - 44 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095.
- Long-term durability tested with 200,000 test cycles.

## Athmer T M3 C

- Applicable for sliding doors made of aluminum, steel, PVC and other materials.
- Sound-proofing capacity, tested by professional German testing institute:
  - 44 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095.
- Long-term durability tested with 200,000 test cycles.

## Athmer T M3 B

- Applicable for sliding doors made of aluminum, steel, PVC and other materials.
- Sound-proofing capacity, tested by professional German testing institute:
  - 44 dB with 5 mm sealing height
  - 42 dB with 10 mm sealing height
- Smoke-proofing capacity, tested by professional German testing institute in accordance with DIN18095.
- Long-term durability tested with 200,000 test cycles.



### Fixing



### Technical data

Groove width	24 mm	40 mm	24 mm
Actuation	Single actuation	Single actuation	Single actuation
Sealing profile material	Silicone	Silicone	Silicone
Travel	11 mm	11 mm	11 mm
Minimum length	220 mm	220 mm	220 mm
Standard lengths	customized	customized	customized
Maximum length	4,000 mm	4,000 mm	2,000 mm
Can be shortened by	125 mm (from 676 to 4,000 mm)	125 mm (from 676 to 4,000 mm)	125 mm (from 676 to 2,000 mm)
Article number	1-367	1-368	1-369
Accessories (included in delivery)	S008	S008	S007



# RETROFITTING

## Acoustic, fire and smoke.

Selected Athmer door seals can easily be retrofitted - with little installation work during day-to-day use. Our retrofit seals are suitable for various materials (steel, aluminium, PVC, wood or glass) and different types of doors (sliding or hinged, single or double leaf doors).

Retrofitted seals optimise fire and smoke control, improve acoustic and draught tightness and resolve problems posed by warped doors or uneven floors.

Retrofitting sealing systems help to save heating costs, enhance living comfort and well-being and improve the energy balance of the building.

- For smoke, fire and acoustic doors
- Retrofitting smoke protection according to DIN18095/EN1634
- Optimal corner connection
- Concealed screws
- Up to 50 mm travel
- Aluminium cover profiles; different coating and colours

**Athmer - securely sealed.**





## NADI® Seals for retrofitting

### Seals for retrofitting of:

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



**Fire doors**



**Acoustic doors**



**Closes with a tight seal**



**Damp room doors**

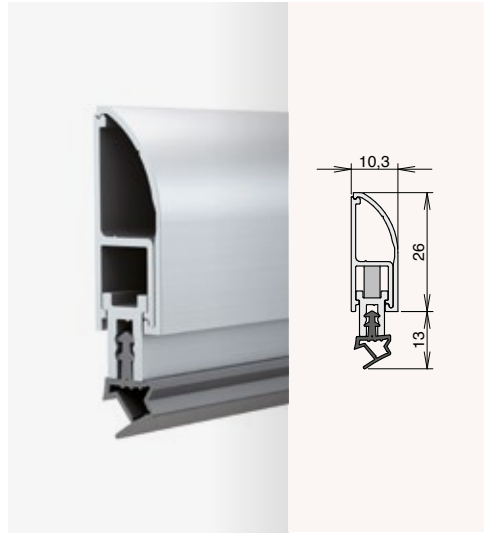


**Barrier-free access**

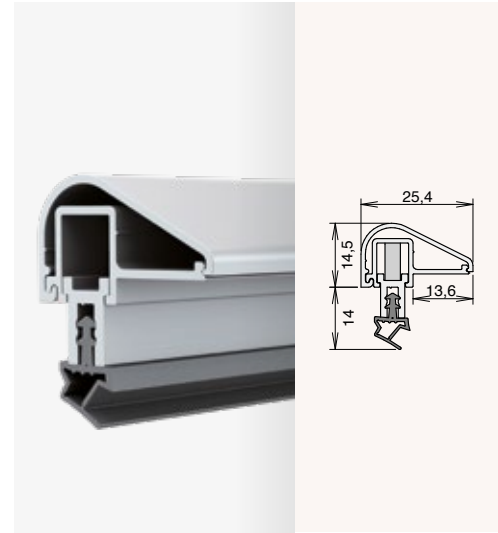


**Smoke control**

## NADI®-SR



## NADI®-SR A



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

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

### Technical data

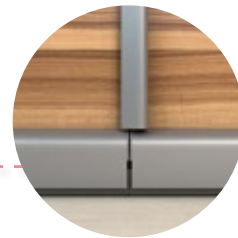
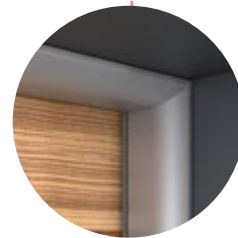
Width / height, actuated	10.3 mm	39 mm	25.4 mm	18.5 mm
Standard length	950 mm / 3,000 mm		950 mm / 3,000 mm	
Can be shortened by	150 mm on both sides		150 mm on both sides	
Tolerance compensation	10 mm (optionally 14 mm)		10 mm (optionally 14 mm)	
Profile material	Aluminium, natural, visible profiles 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	

\*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 EN 1634-3. For potential necessary regulatory approval, we provide a report of the MPA NRW.

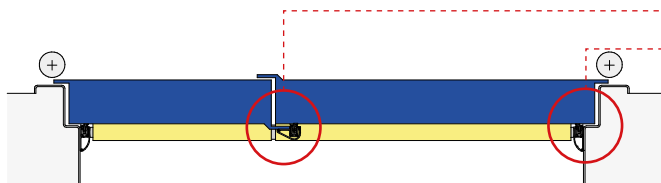


## NADI® LM SET for reveal mounting

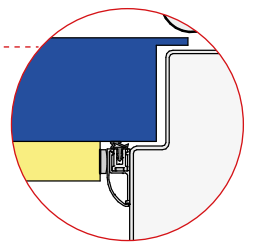
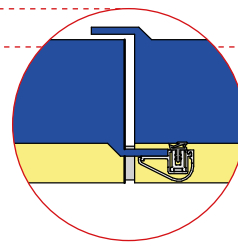
- For single and double-wing doors
- **Optionally** with automatic seal for retrofitting Schall-Ex® L-15 FS



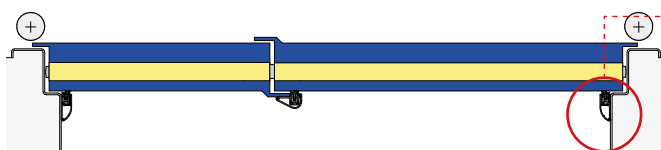
### Fixing



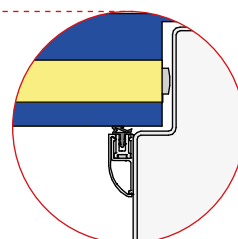
- Montage Nadi®-SR / -SR A: on the closing surface
- Installation of Schall-Ex® L-15 FS: on the closing surface



### Optionally



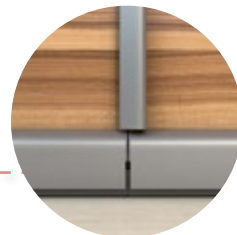
- Installation of Nadi®-SR: on the closing surface
- Installation of automatic door seal: in the groove



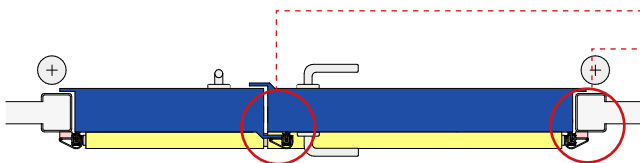


## NADI® FM SET for flush-fit installation

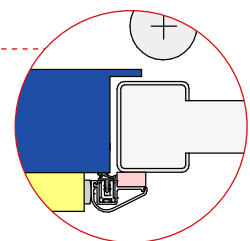
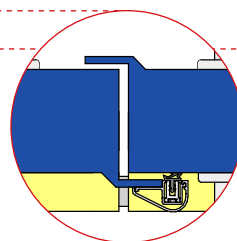
- For single and double-wing hinged doors
- **Optionally** with automatic seal for retrofitting Schall-Ex® L-15 FS



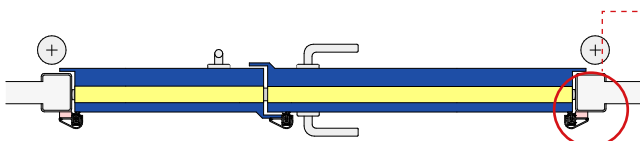
### Fixing



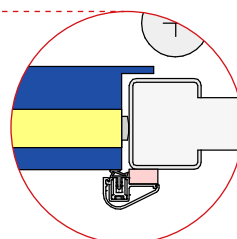
- Installation Nadi®-SR A: on the closing surface
- Installation of Schall-Ex® L-15 FS: on the closing surface



### Optionally



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



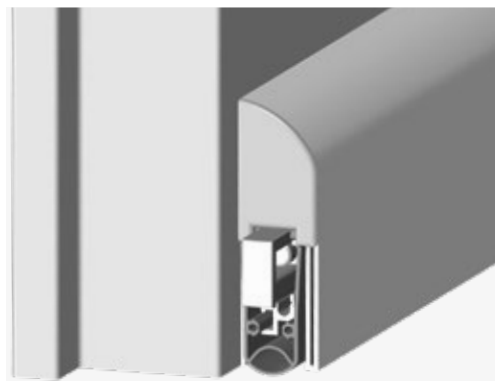


## Schall-Ex® L-15 FS

### The best sound insulation

#### for retrofitting

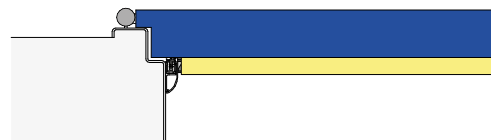
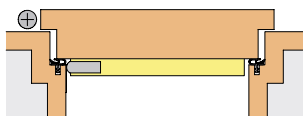
- For sealing heights up to 20 mm
- Snap-on cover profile
- Concealed screws
- Increased stability of form in the door rebate area
- Optimal corner connection
- Easy handling with shortened seal length



### 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 actuation

Sealing profile material

Silicone, self-extinguishing

Travel

20 mm

Minimum length (cannot be shortened)

370 mm (cannot be shortened)

Standard lengths

805, 930, 1,055 mm

Maximum length

1,600 mm

Can be shortened by

125 mm

Article number

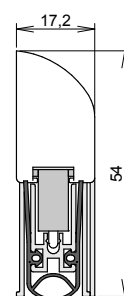
1-885  
C-31

1-884  
C-0

1-888  
C-34

Accessories  
(included in delivery)

Art. no. 5314  
including stainless steel press plate





## Athmer M7

- For retrofitting on existing doors.
- Slim design with a width of only 13 mm.
- Lightweight operation.
- Long-term durability tested with 200,000 test cycles.
- Surface silver or black anodized



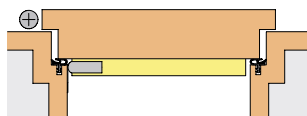
### Plinth

- Aluminium
- Slide-on cover profile
- Lightweight operation.
- Concealed screws

### Finishes

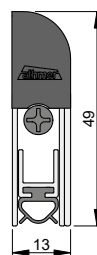
- Silver anodized (C-0)
- Black anodized

### Fixing



### Technical data

Overall dimensions W x H	13 x 49 mm
Actuation	Single Actuation
Sealing profile material	TPE
Travel	15 mm
Minimum length	320 mm
Standard lengths	customized
Maximum length	1.200 mm
Can be shortened by	125 mm (from 445 to 1.200 mm)
Article number	1-742
Accessories (included in delivery)	S012



## Schall-Ex® Applic

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



### Smoke and fire doors



- Use of self-extinguishing silicone profile

Schall-Ex® Applic is suitable for use with fire doors and smoke protection doors. We recommend the following procedure:

The door manufacturer (type plate on the door) should approve the door seal.

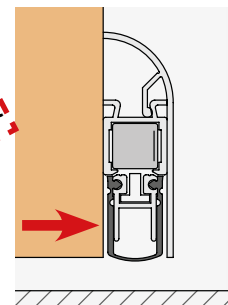
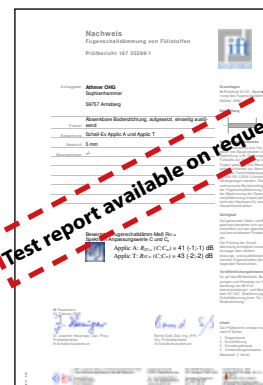
The door manufacturer will be supported by us in doing so.

Retrofitting is only possible with the permission of the building supervisory authority/fire authority.

### Acoustic doors



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



### Barrier-free



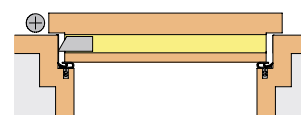
### "Ü" sign of compliance

- Supplied with the "Ü" sign of compliance



### Fixing

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

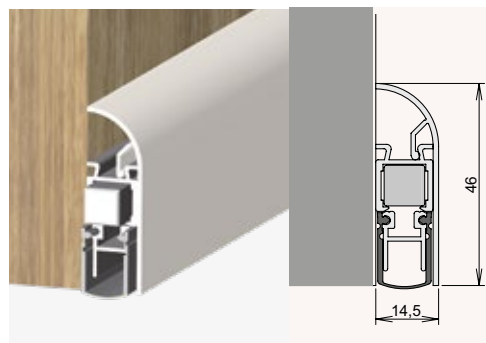
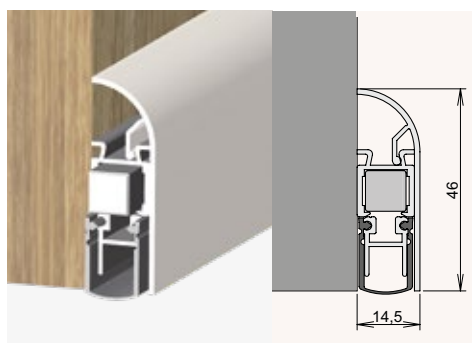




## Schall-Ex® Applic A

## Schall-Ex® Slide Applic A

➤ For sliding doors running in front of the wall



### Plinth

- Aluminium
- Snap-on cover profile
- Concealed screws

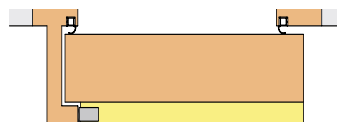
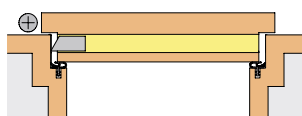
- Aluminium
- Snap-on cover profile
- Concealed screws

### Finishes

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

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

### Fixing



### Technical data

Overall dimensions W x H

14.5 x 46 mm

Actuation

Single actuation

Sealing profile material

Silicone, self-extinguishing

Travel

Recommended 5 mm (max. 11 mm)

Minimum 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

1-658 C-0	1-668 RAL 9016	1-669 C-34
--------------	-------------------	---------------

14.5 x 46 mm

1-sided, opening face

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

1-717 C-0	1-810 RAL 9016	1-811 C-34
--------------	-------------------	---------------

Accessories  
(included in delivery)

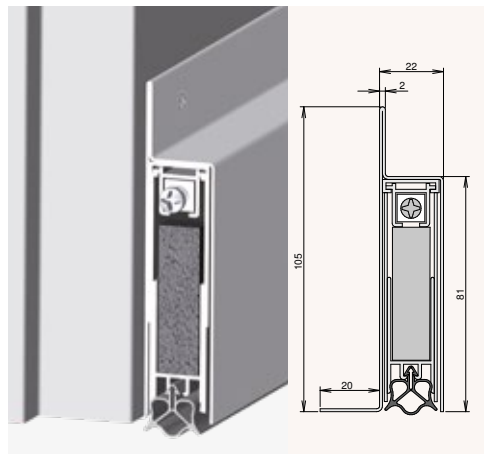
Art. no. 5126  
including stainless steel press plate

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



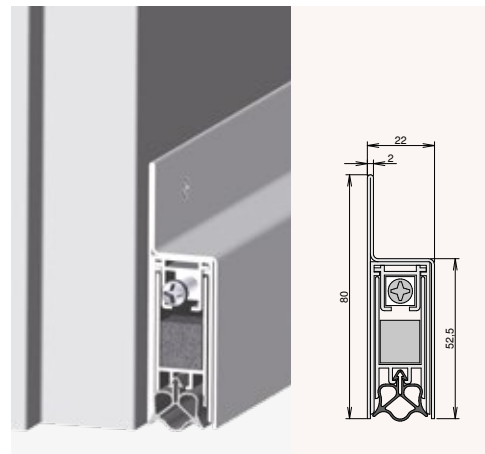
## Schall-Ex® Jumbo II

- 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

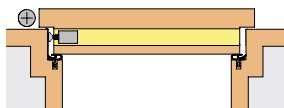


### Plinth

- Robust stainless steel cover

- Robust stainless steel cover

### Fixing Jumbo II and III



### Technical data

Overall dimensions W x H

22 x 81 mm

22 x 52.5 mm

Actuation

Single actuation

Single actuation

Sealing profile material

Silicone, self-extinguishing

Silicone, self-extinguishing

Travel

50 mm

35 mm

Minimum length

710 mm (cannot be shortened)

450 mm (cannot be shortened)

Maximum length

1,700 mm

1,700 mm

Can be shortened by

60 mm

60 mm

Individually packed

Foil tube

Foil tube

Article number

1-474

1-157

Accessories  
(included in delivery)

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

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

## Optimal performance of seal!

## For carpets and tiled floors

- Up to 22 dB better sound reduction in combination with Athmer drop seals
- Partition of the carpet recommended
- Smooth contact surface is created
- Joints are sealed

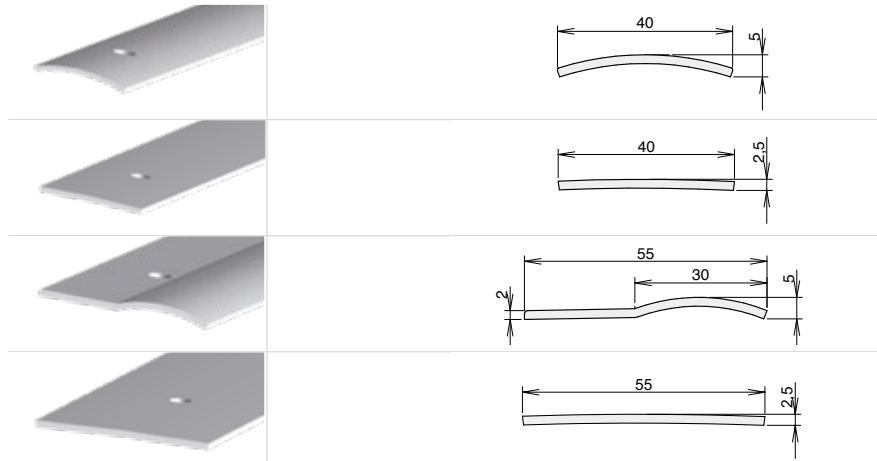
**Stainless steel**  
With brushed matt finish, with protective foil

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

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

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

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



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

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

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

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

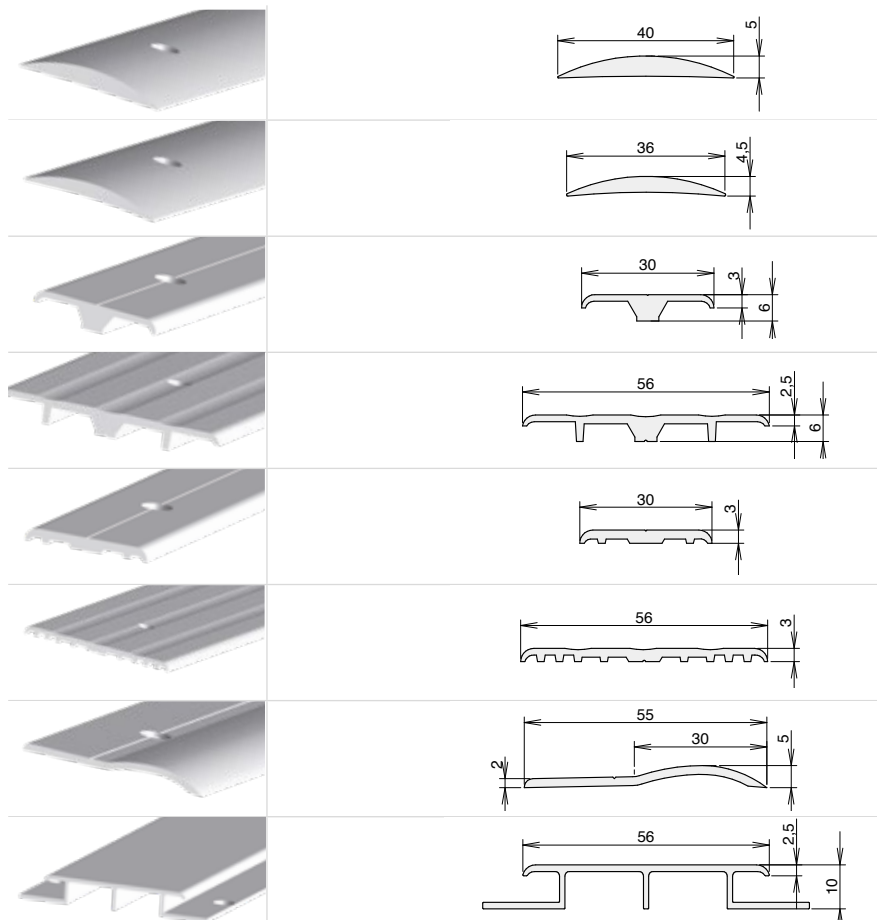
**Aluminium threshold 277**  
Art. no. 3-104

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

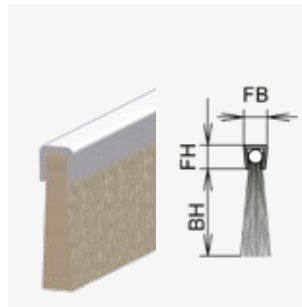
**Aluminium threshold 278**  
Art. no. 3-108

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

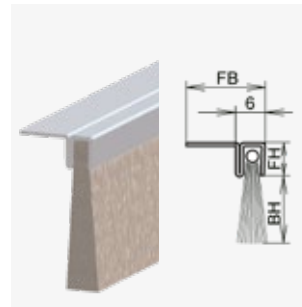
**Aluminium threshold 496**  
Art. no. 3-152



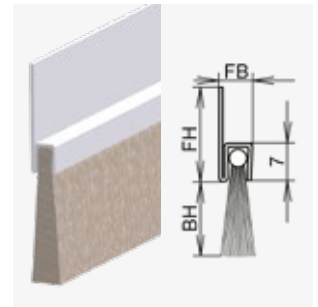
- Thresholds (aluminium and stainless steel) available with or without drill holes



For in-groove mounting



Screw-under



Screw-on

## Nirobros

Carrier profile: Stainless steel

### Technical data

#### Type

Article number

Fixing

FB

FH

Brush material

Max. length

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

## Alubros

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

#### Type

Article number

Fixing

FB

FH

Brush material

Max. length

## Ferrobros

Carrier profile: Steel, GV

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

## 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

### 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

++

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

## Technical data

### KU III

Carrier profile: Plastic, white or brown

### Type

Article number

Fixing

FB

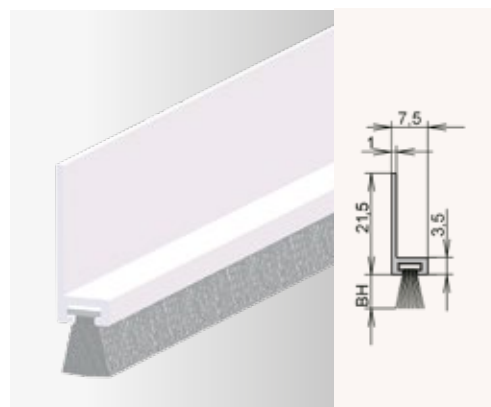
FH

Brush material

Brush height (min./max.)

Max. length

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



### SUPER brush seal

- Flexibly mounted
- Flat aluminium adhesive carrier profile

## Technical data

Fixing

Colour

Standard lengths

Trim

Individual packaging

Article number

Self-adhesive

White aluminium housing RAL 9016, Sepia brown aluminium RAL 8014, powder-coated

1,000 mm

15 mm, black horsehair

SB packaging / shrink wrap tubing

33007 white

33008 brown





# INTUMESCENT FIRE SEALS

## Fire and smoke.

Our fire and smoke intumescent seals all have been independently tested on a range of single and double leaf door-sets. Fire and smoke Intumescent seals protect both the spread of fire and smoke through a building. Manufactured with a moisture resistant intumescent, all products are suitable for use in wet or dry areas. All strips are supplied with strong self-adhesive backing.

### Intumescent seal

Intumescent seal sizes are available from 10 x 4 mm up to 38 x 4 mm. Supplied in a standard from 1,000 mm to 3,000 mm, the fire door seal can easily be cut to size.

### Intumescent Brush

Fire and smoke intumescent strip combines intumescent material with a brush pile to prevent the transfer of both fire and smoke from one side of a timber door to another

### Dual Seal Intumescent

Additionally to fire and smoke protection, rubber fins improve the acoustic performance. Due to the design, Dual seal intumescents can be easily cleaned and disinfected. This makes it a popular application in hospitals and food preparation area.

**Athmer - securely sealed.**





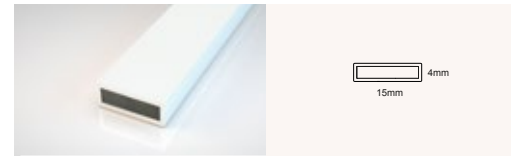
## FP 1004



### Technical data

Dimensions	10 x 4 mm
Article number	160053
Material	Graphite
Length	2.10 m
Bundle	-
Colour	white, brown, red

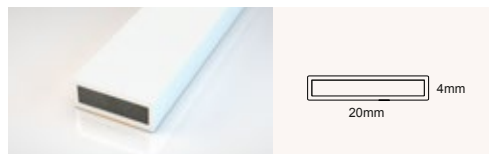
## FP 1504



Dimensions	15 x 4 mm
Article number	160056
Material	Graphite
Length	2.10 m
Bundle	-
Colour	white, brown, red



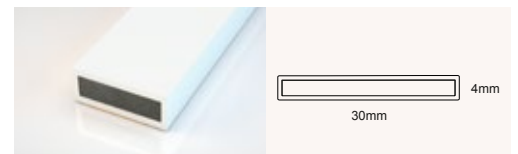
## FP 2004



### Technical data

Dimensions	20 x 4 mm
Article number	160059
Material	Graphite
Length	2.10 m
Bundle	-
Colour	white, brown, red

## FP 3004



Dimensions	30 x 4 mm
Article number	160062
Material	Graphite
Length	2.10 m
Bundle	-
Colour	white, brown, red



## FP 3804



### Technical data

Dimensions	38 x 4 mm
Article number	160064
Material	Graphite
Length	2.10 m
Bundle	-
Colour	white, brown, red

## FB 1004



Dimensions	10 x 4 mm
Article number	160068
Material	Graphite
Length	2.10 m
Bundle	-
Colour	white, brown, red



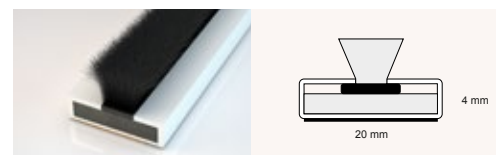
## FB 1504



### Technical data

Dimensions	15 x 4 mm
Article number	160071
Material	Graphite
Length	2.10 m
Bundle	-
Colour	white, brown, red

## FB 2004



Dimensions	20 x 4 mm
Article number	160074
Material	Graphite
Length	2.10 m
Bundle	-
Colour	white, brown, red

**Technical data**

Dimensions

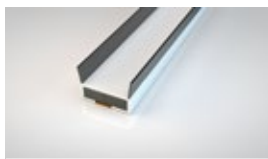
Article number

Material

Length

Bundle

Colour

**FF 1004 D**

10 x 4 mm

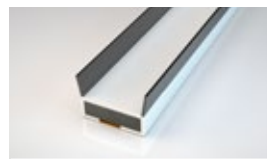
160077

Graphite

2.10 m

-

white, brown, red

**FF 1504 D**

15 x 4 mm

160080

Graphite

2.10 m

-

white, brown, red

**Technical data**

Dimensions

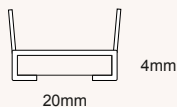
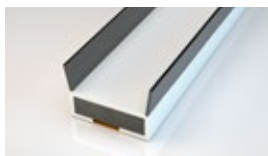
Article number

Material

Length

Bundle

Colour

**FF 2004 D**

20 x 4 mm

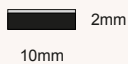
160083

Graphite

2.10 m

-

white, brown, red

**F 1002**

10 x 2 mm

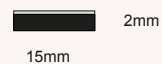
160092

Graphite

-

100 m

white, brown, red

**F 1502**

15 x 2 mm

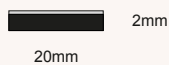
160089

Graphite

-

100 m

white, brown, red

**F 2002**

20 x 2 mm

160086

Graphite

-

100 m

white, brown, red

**Technical data**

Dimensions

Article number

Material

Length

Bundle

Colour



# ACOUSTIC PERIMETER SEALS

Acoustic seals have become an integral part of the design of new buildings and the upgrade of existing one. Noise is becoming an increasing environmental issue to the extent that Building Regulations now require minimum sound attenuating performances for some locations. The door must be sealed top and bottom together with each side as sound is airborne and will permeate through any space air can. The acoustic perimeter seal works by filling the air gaps that create sound leakage around the head and jambs of the doorset, this also prevents smoke, light and dust.

- ┐ Easy to cut
- ┐ Self-adhesive backing available
- ┐ Sound reduction up to 52dB
- ┐ Slow / prohibit the passage of smoke, fire, weather, sound and dirt
- ┐ Efficient solution for controlling air infiltration or where sound attenuation is required
- ┐ Excellent fire and smoke sealing

**Athmer - securely sealed.**





## Schall-Ex<sup>®</sup> AP Series

### Perimeter seals

The special function provided by Athmers functional seals for interior doors sets them apart from commonly available damping seals. Our perimeter seals have uniquely soft and comfortable closing characteristics. Our seals are suitable for door designs with convenient and unfavourable swivel points. They provide very good acoustic insulation of up to 52 dB and are highly suitable for industrial processing. Profiles can be used as smoke-protection door seals as per EN 1634-3.

- for glass doors
- easy installation and secure retention
- Straight seating in the groove with all door frame materials
- Reliable function with very good acoustic insulation properties
- Material TPE or silicone



**Fire doors**



**Smoke control**



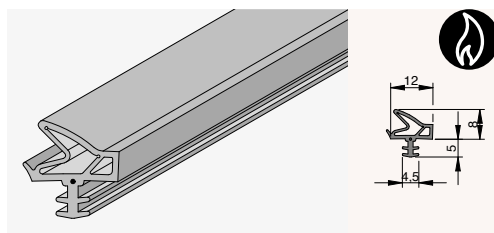
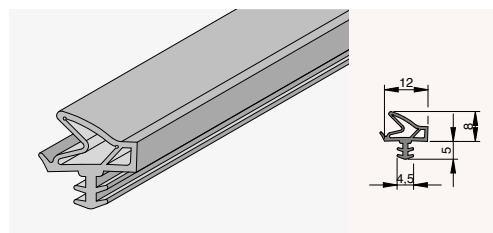
**Acoustic doors**



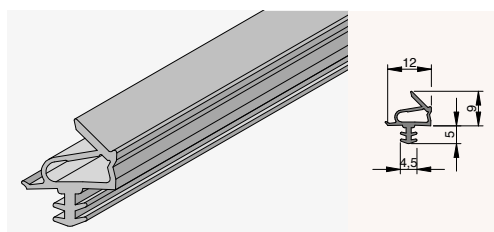
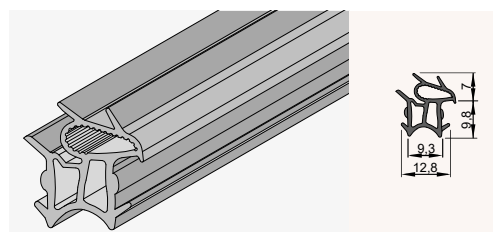
**Draught**

**Technical data**

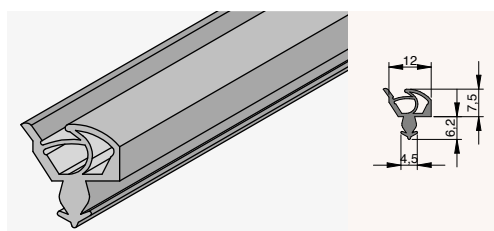
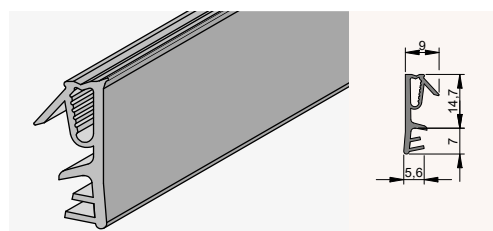
Frame	Wood
Article number	160001
Material	Silicone
Gap Size	2 - 4 mm
Length	25 m, 50 m
Bundle	25 m, 2 x 25 m, 50 m
Colour	white, beige, brown, black

**Schall-Ex® AP 1018 S****Schall-Ex® AP 1018 TE****Technical data**

Frame	Wood
Article number	160009
Material	TPE
Gap Size	4 - 6 mm
Length	25 m, 150 m
Bundle	25 m, 4 x 25 m, 150 m
Colour	white, beige, black

**Schall-Ex® AP 1019 TE****Schall-Ex® AP 2018 TE****Technical data**

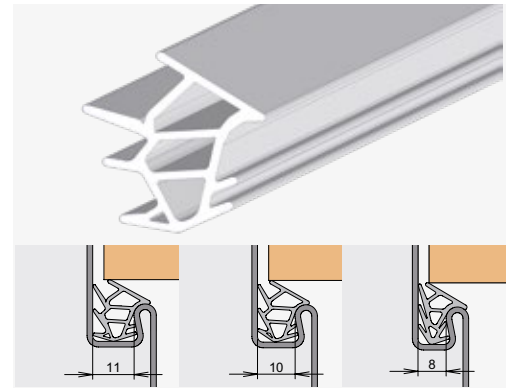
Frame	Wood
Article number	160017
Material	TPS
Gap Size	2 - 4 mm
Length	25 m, 100 m
Bundle	25 m, 4 x 25 m, 100 m
Colour	white, lightgrey, beige, brown, black

**Schall-Ex® AP 1020 TS****Schall-Ex® AP 1023 TS**



## ZD Universal

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



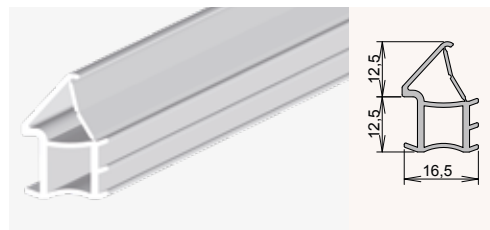
### Technical data

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



### Technical data

Standard length	Available by the metre
Article number	210
Sealing profile material	Silicone
Sealing profile colour	Grey



## Unitherm Slide 22/22



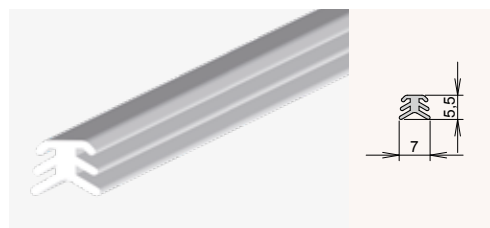
2,000 mm	2,500 mm
319 050	319 051
Silicone + beechwood	
Grey	



### Technical data

Standard length	Available by the metre
Article number	284
Sealing profile material	Silicone
Sealing profile colour	Grey

## Slide 5 for VHH



## Slide VN - 8/10

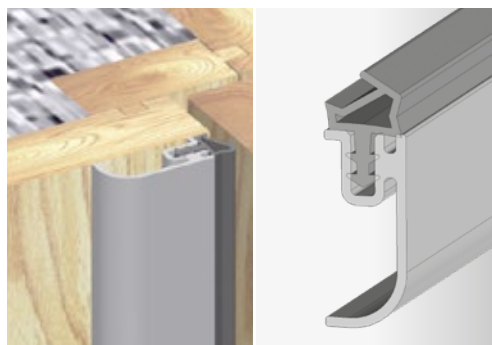


Available by the metre
523
Silicone
Transparent



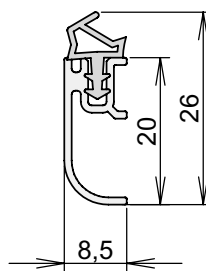
## Unitherm FAS-20

- 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		



## Unitherm I

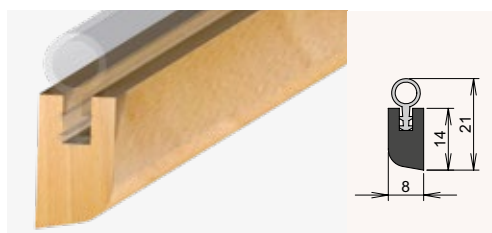


### Technical data

Standard length	2,100 mm
Article number	319 200
Sealing profile material	TPE
Sealing profile colour	Brown, Beech
Holding rail material	Beechwood



## Unitherm II HG



Standard length	2,100 mm
Article number	319 000
Sealing profile material	PVC
Sealing profile colour	Transparent, Beech
Holding rail material	Beechwood

## Unitherm XIII



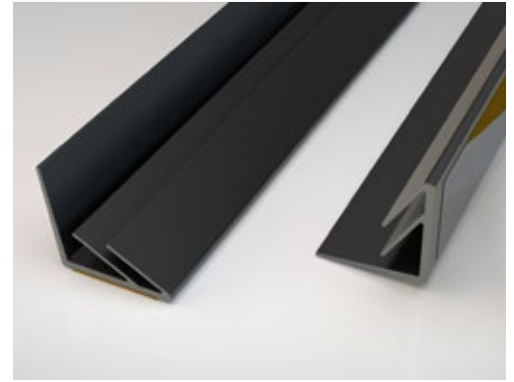
### Technical data

Standard length	2,100 mm
Article number	319 080
Sealing profile material	TPE
Sealing profile colour	Transparent, Aluminium
Holding rail material	Aluminium



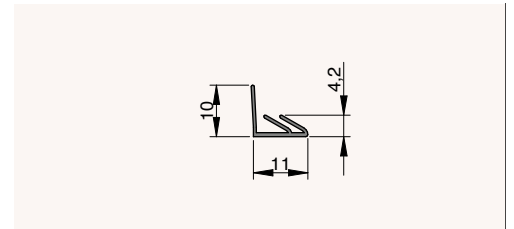


## PS 710 P



### Technical data

Frame	Wood
Article number	
Material	PVC
Length	2,100 mm
Bundle	-
Colour	white, brown, black

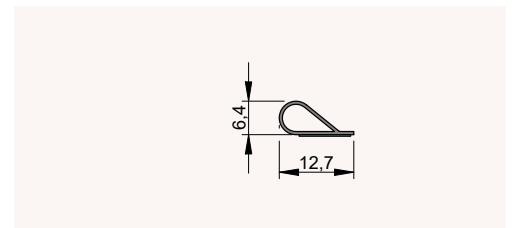


## PS 788 S

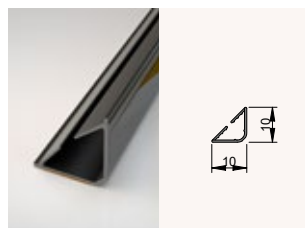


### Technical data

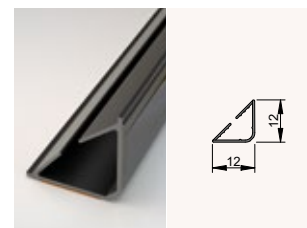
Frame	Wood
Article number	
Material	Silicone
Length	-
Bundle	100 m
Colour	white, brown, black



## PS 1010 P



## PS 1212 P

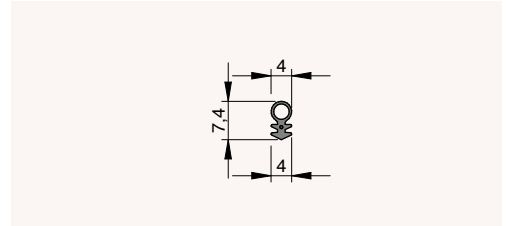
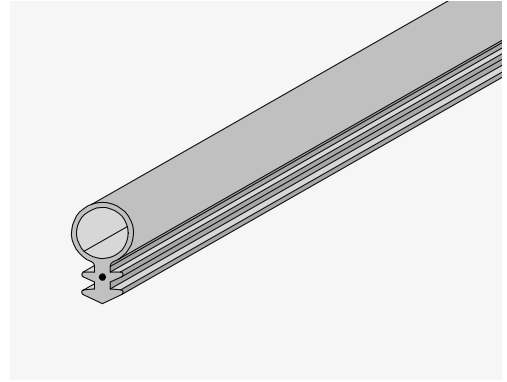


## PS 1515 P

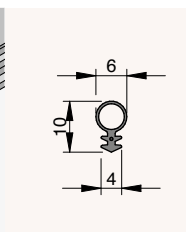
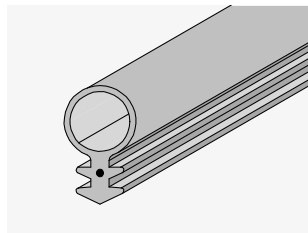


### Technical data

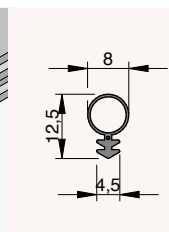
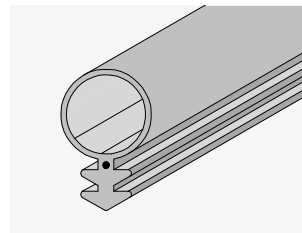
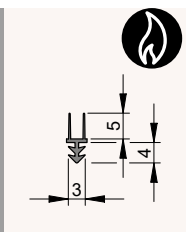
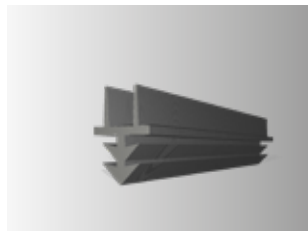
Frame	Wood	Wood	Wood
Article number			
Material	PVC	PVC	PVC
Length	2,100 mm	2,100 mm	2,100 mm
Bundle	-	-	-
Colour	white, brown, black	white, brown, black	white, brown, black

**PS 0402 S****Technical data**

Frame	Wood
Article number	
Material	Silicone
Length	100 m
Bundle	100 m
Colour	white, brown, black

**PS 0604 S****Technical data**

Frame	Wood
Article number	
Material	Silicone
Length	100 m
Bundle	100 m
Colour	white, brown, black

**PS 0805 S****PS 3645 P****Technical data**

Frame	Wood
Article number	
Material	PVC
Length	50 m, 100 m
Bundle	50 m, 100 m
Colour	black





# ATHMER

## Finger Protection for different door applications

### **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 at doors**

The closing edges of doors invariably present a hazard. The requirements for different user groups and structural factors are governed by regional regulations and standards.

### **Finger protection in child daycare centres and schools**

Children are scarcely aware of the dangers in their environment. Every day, children injure themselves unnecessarily in doors that are inadequately safeguarded or completely unprotected. In order to improve safety for our children, shearing zones between the door frame and the hinged edge of doors must be avoided. Several regulations in European countries require safeguarded doors in child daycare centers. Our Athmer Finger Protection products offer the ideal solution.

### **Finger protection for automatic doors**

Automatic doors must open and close in a safe manner (EN 16005) in order to ensure proper safety in use.

Possible crushing and shearing zone hazards must be identified and eliminated. The closing edge at the hinged edge of the door must be safeguarded in compliance with the regional regulations and standards.

We recommend that existing automatic doors also be fitted with Athmer Finger Protection products. Please observe the provisions of the relevant regulations and standards that apply in your country with regard to automatic doors.

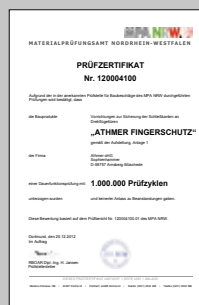


## Athmer Finger Protection

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

## Tested quality

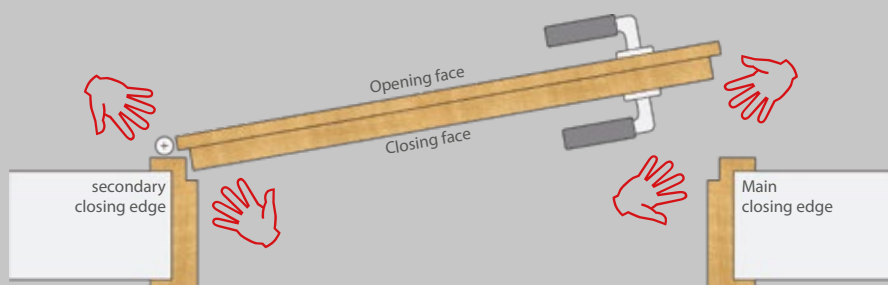


- Test certificates available upon request or online at:  
[www.athmer-fingerschutz.de/en](http://www.athmer-fingerschutz.de/en)

### Finger protection for fire doors

In general, Athmer finger protection systems are suitable for use with fire doors and smoke protection doors. The regulations that apply in your country with regard to fire protection doors must be observed and complied with when fitting finger protection systems.

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





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



## NR-25

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

Verified long-term reliability: 1,000,000

Travel length: 260 mm



### Fabric colour



black

### Profile colour



C-0



C-31



RAL 9016

Further colours on request.

### Technical data

Reduction in door clearancewidth

25 mm

Max. Lengths

2,500 mm

Standard length\*

1,925 mm

Length for power-operated doors

2,015 mm

Minimum length

325 mm

Fixed lengths

Available

Can be shortened by

-

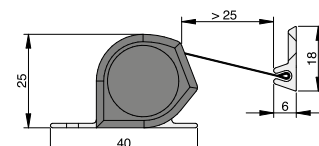
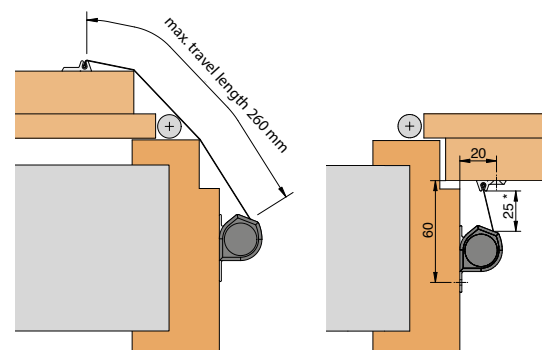
Standard accessories

5823

Accessories for metal door frames\*\*

5125

\* 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





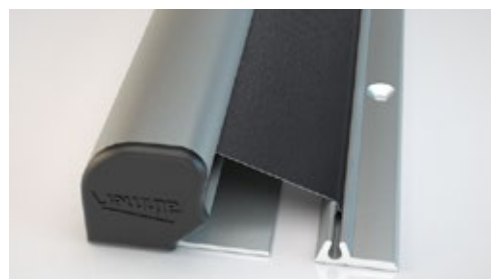
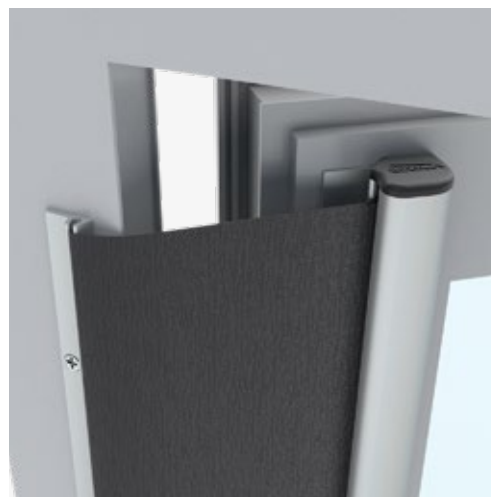
## NR-26 w-proof

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

Synthetic fibre

Verified long-term reliability 200,000

Travel length: 260 mm



### Fabric colour



anthracite

### Profile colour



C-0



C-31



RAL 9016



RAL 3020



RAL 6005



RAL 7030



RAL 7016



RAL 9006

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

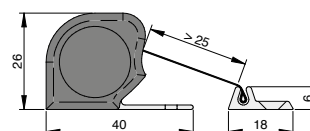
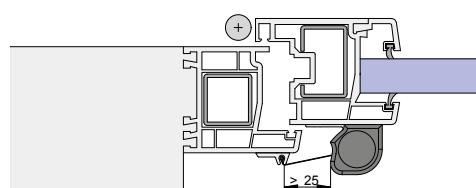
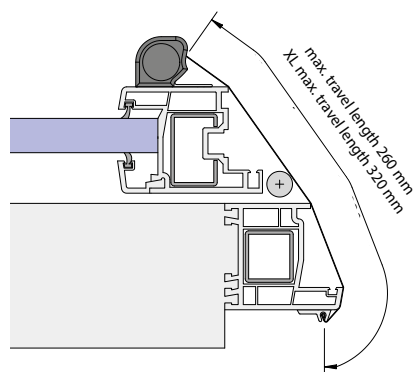
with BR2125, we recommend that you order a length of 2,050 mm.

\*\*Optional multi-use drill with Ø 3 mm, art. no. 5127

Further colours on request.

### Technical data

Reduction in door clearancewidth	26 mm
Max. Lengths	2,500 mm
Standard length*	1,925 mm
Length for power-operated doors	2,015 mm
Minimum length	325 mm
Fixed lengths	Available
Can be shortened by	-
Standard accessories	5830
Accessories for wooden frames**	5831





## NA-7

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

Verified long-term reliability: 200,000

Travel length: 125 mm



### Cover colour



Platinum grey RAL 7036

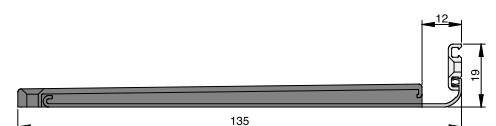
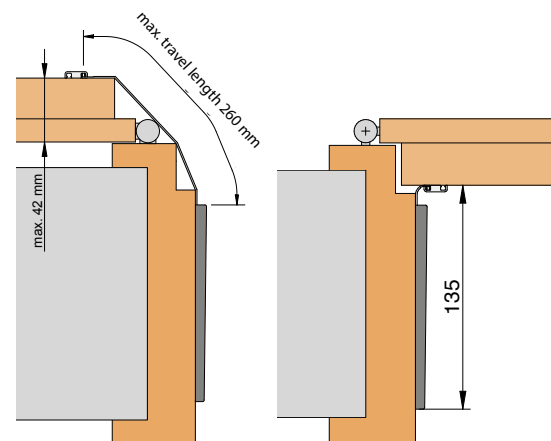
### Profile colour



C-0

### Technical data

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





## Product family



## Opening side protective profiles

### for the hinge side of the opening face

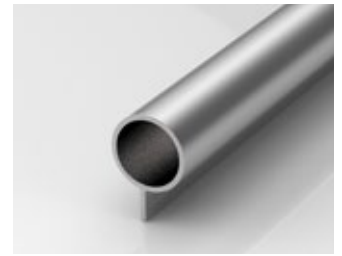
- Opening face protective profiles safeguard the gap between the door leaf and the frame reliably on the opening face.
- Suitable for retrofitting
- Maintenance free
- Aluminium profiles anodised or colour coated
- Suitable for outdoor use
- Fixed lengths available
- For all hinge diameters
- Available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



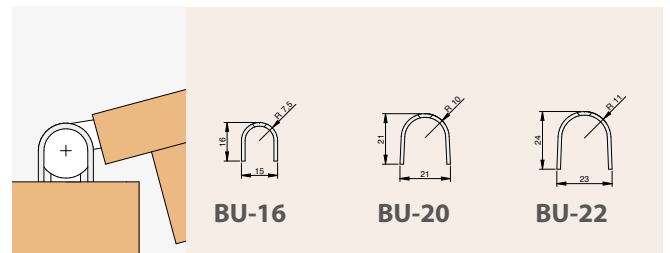
### Sets for self cutting to size

- 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

## BU

### Protective profiles for rebated doors

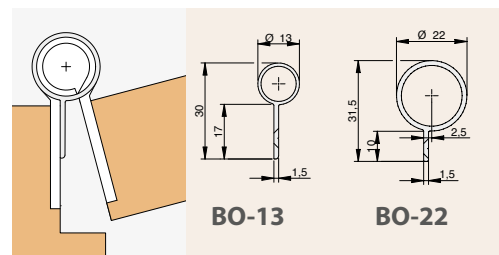
- For wooden frames
- Ø15 - 24mm hinge



## BO

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

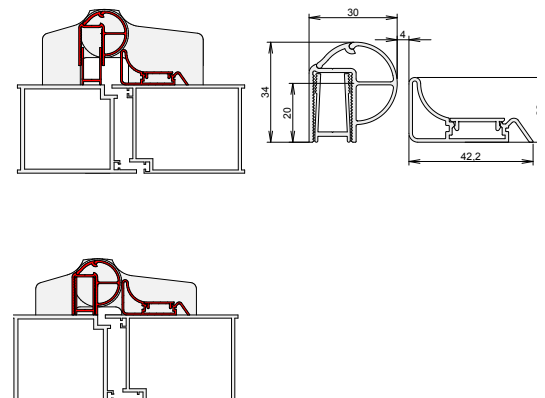
- Ø12 - 14 mm, Ø21 - 23 mm



## BA-28

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

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



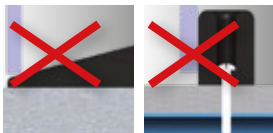
### Technical data:

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



## The Porti® family

For wooden and glass doors



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

No drilling necessary in the floor for door stops

	Porti® for wooden doors				Porti® for glass doors	
	Door leaf width 720 - 1,110 mm		Door leaf width 610 - 719 mm		Hinge width 709 - 959 mm	
Frame	Wood	Metal frame	Wood	Metal frame	Wood	Metal frame
Weight of door leaf	65 kg	65 kg	65 kg	65 kg	50 kg	50 kg
For retrofitting		x		x		x
Article number	5489	5371	5465	5379	5487	5318



## Technical data

## PORTI® for wooden 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

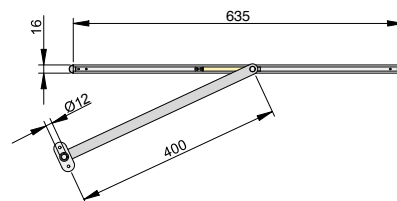


## Application

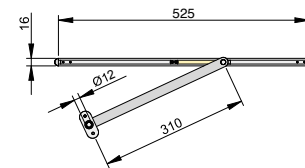
### Up to 65 kg door leaf weight

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

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

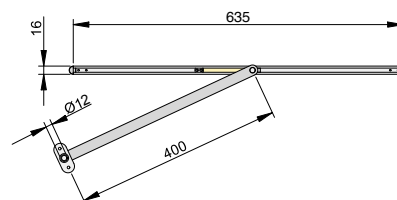


610 mm - 719 mm, art. no. 5379

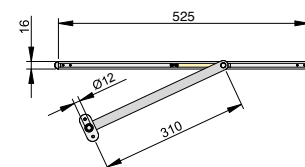


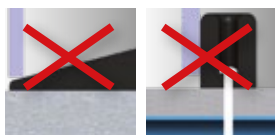
- Set-up possible on wooden frames with a fixing element in the door frame (see next page)
- For door leaf widths of:

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



610 mm - 719 mm, art. no. 5465





### Technical data

## PORTI® for glass doors

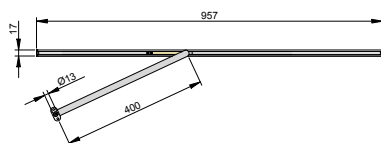
- Maximum door leaf weight up to 50 kg
- Silver-coloured, anodised
- Slide plate bonded to glass door leaf
- Upper door frame gap 4 - 10 mm
- Particularly thin lever of only 2 mm
- Restrictor plate 16.8 x 12.2 mm
- Endurance tested on the basis of DIN EN 13126-5
- Meets class 4
- Door opening angle max. 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



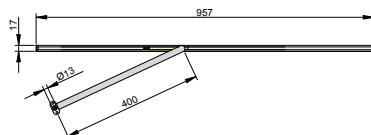
### Application

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



# JCS

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