



## INNOVATIONS 2019

- ▮ More safety, more sealing, more effective – the new Stadi family
- ▮ Glass sliding doors completely sealed
- ▮ extended programme Athmer finger protection

Athmer - securely sealed.



# ATHMER

## Innovative solutions at the highest stage

Athmer has been involved in the production of automatic door seals for more than 60 years. The company's successful combination of experience, expertise and quality enables the continuous development and improvement of its product range. Offering the widest range on the market, Athmer has the right product for practically every type of application. In addition to automatic door seals for acoustic, smoke and fire protection doors, the range also includes seals for radiation protection doors and for doors with extreme gaps of up to 50 mm. Within the industry, the Athmer trademarks Kältefeind® and Schall-Ex® have become synonymous with automatic door seals. The automatic door seals from Athmer support the principles of sustainable and energy-efficient building. They reduce CO2 emissions and make a real contribution to the eco-balance of a building. They also comply with the recommendations regarding barrier-free building and ensure that people who are elderly or have physical disabilities have comfortable and safe access to buildings and rooms. For more than 30 years now, Athmer Finger Protection® has been preventing fingers from becoming trapped between doors and frames. 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)

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**We take responsibility**

**For people and products.**

Athmer is committed to quality: Good doors deserve the best seals, and good customers deserve the best service. Safety is high up on our agenda. This applies for our production processes, for our products - and this also applies for us as a family and commercial enterprise.

The history of the Athmer company began, in fact, more than 100 years ago. It was in 1905 that the parent company, Julius Cronenberg Sophienhammer o.H, or JCS for short, took over what was then the Athmer scythe factory. The corporate motto even then was: Forging in flux - forging change. The JCS itself looks back on a more than 300-year history. It was founded by Caspar Cronenberg in the year 1711 and is still in family ownership today.



## The new Stadi Family



→ clearly improved sound insulation value up to 54dB



→ additionally smaller dimensions (up to 17/17)



→ Improved maintenance, easy disassembly of the inner rail to change the sealing profile



→ sliding actuator



→ actuation on the hinge side



→ **optional:** preparation for concealed flush bolt



→ **optional:** preparation for flush bolt



→ parallel lowering, automatic level compensation, overload protection

→ no inner rail offset, thus better tightness in the corner areas

→ barrier-free, low opening forces

→ **optional:** variants with time lag actuation

→ Athmer Rainstop® with higher resistance to driving rain



## Delayed Drop

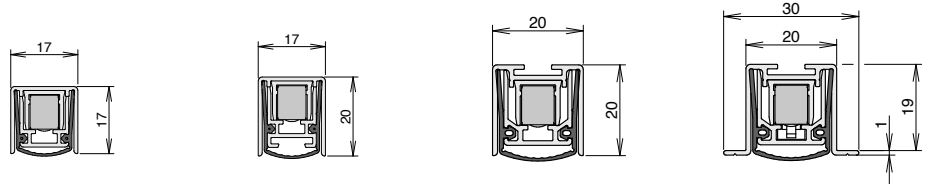
- To avoid pressurisation when closing the door, selected Stadis are available with an optional mechanism, which delays the dropping of the seal. A combination of damping cylinder and spring extends the closing time of the seal to around 6 to 8 seconds. This means that air can be dispelled during this time, making the door suitable for airlock situations. When opened, the seal moves up again quickly without needlessly rubbing against the floor.

## Bolt | Flush Bolt

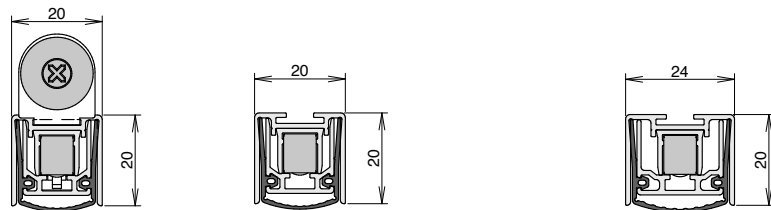
- In all Stadis, even in the smallest sealing dimension 17/17, 10-bolts can be guided through the seal. In addition, the Stadi comes pre-fitted for a side-mounting flush bolt. The new Stadi range requires minimal effort to release, making it ideal for barrier-free buildings.

# The new Stadi Family

Overview



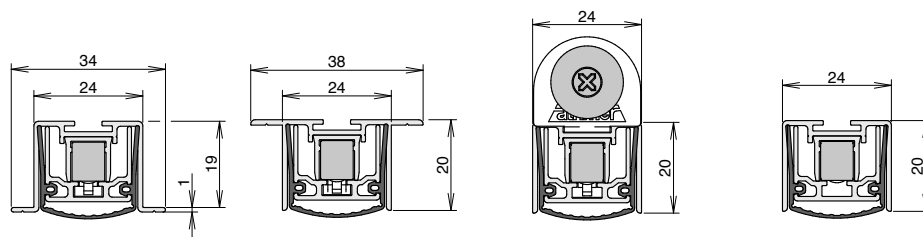
technical data		Stadi M-17/17 WS		Stadi L-17/20 WS		Stadi L-20/20 WS		Stadi L-20/20 OS	
width	height	17 x 17 mm		17 x 20 mm		20 x 20 mm		20 x 20 mm	
Actuation		single actuation		single actuation		single actuation		single actuation	
time lag actuation		-	✓	-	✓	-		-	
sealing profile		Silicone, self-extinguishing		Silicone, self-extinguishing		Silicone, self-extinguishing		Silicone, self-extinguishing	
travel		13 mm		16 mm		16 mm		16 mm	
min. length		250 mm	655 mm	250 mm	655 mm	230 mm	635 mm	230 mm	
standard lengths		750, 900, 1.050, 1.200 mm		750, 900, 1.050, 1.200 mm		750, 900, 1.050, 1.200 mm		750, 900, 1.050, 1.200 mm	
max. length		2.000 mm	1.600 mm	2.000 mm	1.600 mm	2.000 mm	1.600 mm	2.000 mm	
can be reduced by (on the lock side)		150 mm		150 mm		150 mm		150 mm	
can be reduced by (on the hinge side)		-	-	-	-	from length 801 / 125 mm	-	from length 801 / 125 mm	
art. no.		1-937	1-950	1-940	1-953	1-939	1-952	1-972	



technical data		Schall-Ex® Slide & Lock L-20/20 WS		Schall-Ex® Slide L-20/20 WS		Stadi L-24/20 WS		
width	height	20 x 20 mm		20 x 20 mm		24 x 20 mm		
Actuation		single actuation		single actuation		single actuation		
time lag actuation		-		-		-	-	✓
sealing profile		Silicone, self-extinguishing		Silicone, self-extinguishing		Silicone self-extinguishing	TPE	Silicone self-extinguishing
travel		16 mm		16 mm		16 mm		
min. length		485 mm		485 mm		230 mm		635 mm
standard lengths		708, 833, 958, 1.083, 1.208 mm		708, 833, 958, 1.083, 1.208 mm		750, 900, 1.050, 1.200 mm		
größte Länge		2.000 mm		2.000 mm		2.000 mm		1.600 mm
can be reduced by (on the lock side)		150 mm		150 mm		150 mm		
can be reduced by (on the hinge side)		-		-		from length 801 / 125 mm		-
art. no.		1-967		1-966		1-938	1-962	1-951

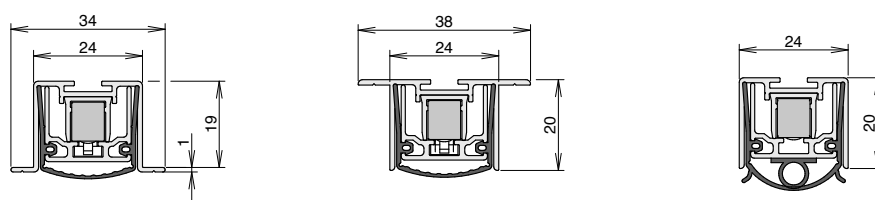
# The new Stadi Family

Overview



## technical data

	<b>Stadi L-24 / 20 OS</b>		<b>Stadi L-24 / 20 TS</b>		<b>Schall-Ex® Slide &amp; Lock L-24/20 WS</b>	<b>Schall-Ex® Slide L-24/20 WS</b>
width	24 x 20 mm		24 x 20 mm		24 x 20 mm	24 x 20 mm
height	19 mm		20 mm		20 mm	20 mm
Actuation	single actuation		single actuation		single actuation	single actuation
time lag actuation	-	-	-	-	-	-
sealing profile	Silicone self-ext.	TPE	Silicone self-ext.	TPE	Silicone, self-extinguishing	Silicone, self-extinguishing
travel	16 mm		16 mm		16 mm	16 mm
min. length	230 mm		230 mm		485 mm	485 mm
standard lengths	750, 900, 1.050, 1.200 mm		750, 900, 1.050, 1.200 mm		708, 833, 958, 1.083, 1.208 mm	708, 833, 958, 1.083, 1.208 mm
max. length	3.000 mm		3.000 mm		2.000 mm	2.000 mm
can be reduced by (on the lock side)	150 mm		150 mm		150 mm	150 mm
can be reduced by (on the hinge side)	from length 801 / 125 mm		from length 801 / 125 mm		from length 801 / 125 mm	from length 801 / 125 mm
art. no.	1-959	1-970	1-960	1-971	1-965	1-964



## technical data

	<b>Schall-Ex® Slide L-24/20 OS</b>	<b>Schall-Ex® Slide L-24/20 TS</b>	<b>Athmer Rainstop® L-24/20 WS</b>
width	24 x 20 mm		
height	20 mm		
Actuation	single actuation		
time lag actuation	-		
sealing profile	Silicone, self-extinguishing		
travel	16 mm		
min. length	485 mm	485 mm	230 mm
standard lengths	708, 833, 958, 1.083, 1.208 mm	708, 833, 958, 1.083, 1.208 mm	750, 900, 1.050, 1.200, 1.250 mm
größte Länge	3.000 mm	3.000 mm	2.000 mm
can be reduced by (on the lock side)	150 mm		
can be reduced by (on the hinge side)	from length 801 / 125 mm		
art. no.	1-968	1-969	1-955



## Rundumdicht Pivot L-15

### complete sealing system for modern pivot point doors



– for single-wing wooden pivot doors



– effective sealing against noise, smoke, draught and smells



– four-sided sealing system without compromising on appearance



– sealing at top and bottom: automatic drop seal

– special roller actuator allows the door to be opened in both directions

– sealing betw. door and frame at both sides by two vertical magnetic sealing systems

– can be combined with many common metal fittings for pivot doors

– very low opening forces and smooth swing by ideally matched magnetic sealing profiles

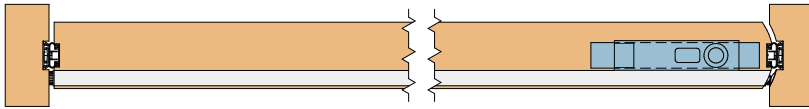
– Set for pivot door wing up to 2000 x 3000 mm max.

– drop seals are positioned off-centre

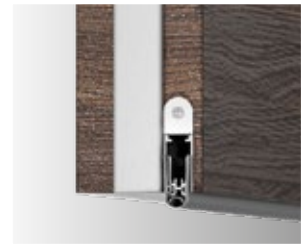
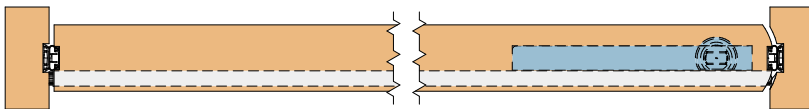
– Door thickness must be determined according to thickness of pivot fitting and drop seal



at the top



at the bottom



### technical data

Set consisting of:	2 pieces	2 pairs
article	<b>Schall-Ex® L-15/30 WS PIVOT</b>	<b>Slide magnet</b>
Actuation	single actuation, roll actuator	magnet
travel	20 mm dependant on space and installation of actuator	-
sealing profile	Silicone, self-extinguishing	Silicone, self-extinguishing
colour of sealing profile	grey	grey
material of profile	aluminum nature	aluminum nature, visible profiles anodized
finish	-	silver coloured anod. C-0 / stainless steel coloured anod. C-31
min. length	235 mm (cannot be reduced)	
max. length	2.000 mm	3.000 mm
standard lengths	708, 833, 958, 1083, 1208 mm	2.500 mm / 3.000 mm
can be reduced by	125 mm from 833 mm	optional



## Rundumdicht Universal M-12

### complete sealing system for sliding doors



– for single-wing sliding doors made of wood, metal and glass running in front of the wall



– effective sealing against noise, smoke, draught and smells



– four-sided sealing system without compromising on appearance



– sealing at top and bottom: automatic drop seal

– sealing betw. door and frame by magnetic sealing system prevents the rattling of the door in case of pull- and pressure effect  
self-locking system without additional lock/hold

– no need for a frame with back rabbet or inlet groove

– door thickness irrelevant due to installation on the surface of the door leaf

– can be combined with many common metal fittings for sliding doors

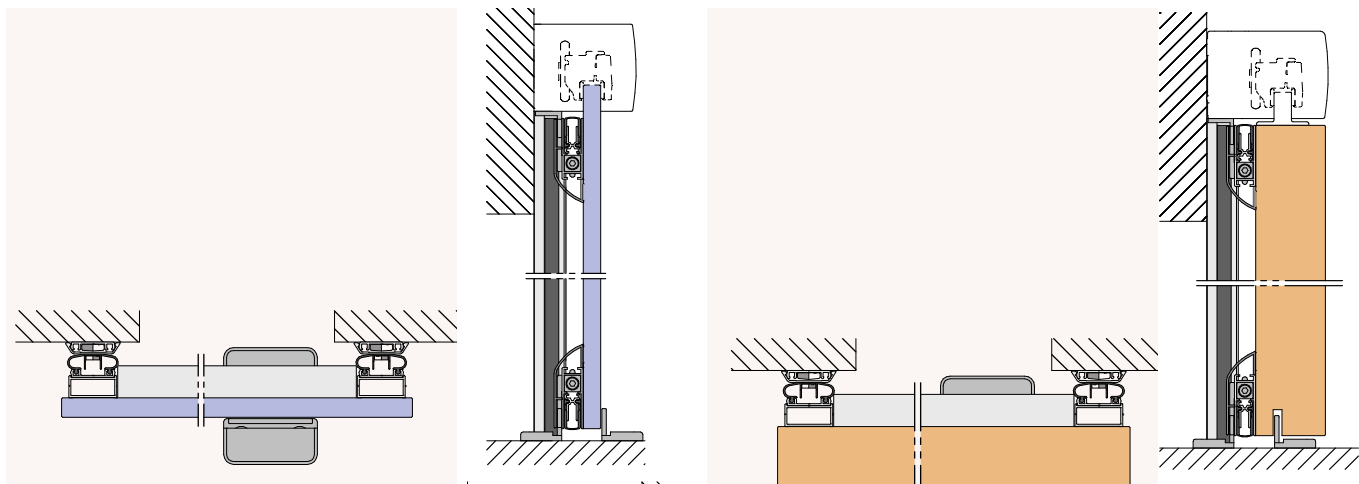
– very low opening forces by ideally matched magnetic sealing profiles

– Set for sliding door wing up to 2000 x 3000 mm max.

– low effort in planning and installation

– internal durability test according to DIN EN 1527, class 6 (> 200.000 cycles)





### technical data

set consisting of:	2 pieces	2 pairs	1 Stück
article	<b>Slide M-12 Universal ZA</b>	<b>Slide Magnet</b>	<b>aluminium threshold 308</b>
Actuation	single actuation, concealed actuation mechanism on the adjacent closing edge	Magnet	-
travel	11 mm	-	-
sealing profile	Silicone, self-extinguishing	Silicone, self-extinguishing	-
colour of sealing profile	grey	grey	-
material profile	aluminum	aluminum nature, visible profiles anodized	-
finish	-	silver coloured anod. C-0 / stainless steel coloured anod. C-31	aluminium anodized
min. length	450 mm	-	-
max. length	1.958 mm	3.000 mm	2.000 mm
standard lengths	fixed lengths only	2.500 mm / 3.000 mm	only fixed lengths
can be reduced by	(cannot be reduced)	optional	optional



## NR-32 UniSafe®

sets new standards with finger protection



## Safety in use

- enhanced protection due to improved door gap cover

## CLICKsystem

- quick & safe mounting / demounting
- fits on all type of doors

## External use with same DESIGN

- with weatherproof fabric

## Adjust on existing hardware devices

- can be adjusted on site

## Ram Protection

- stainless steel deflection shield as additional protection

## New standard length up to 3,000 mm

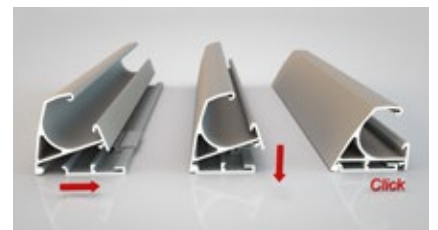
- to secure high bespoke doors and to offer an architectural solution

## New colour finish as standard

- with no additional cost:
  - C-0 silver anodized, RAL-7016 anthracite, RAL 9016 white
  - further colour on demand



+++1.000.000 cycles - measurable quality +++



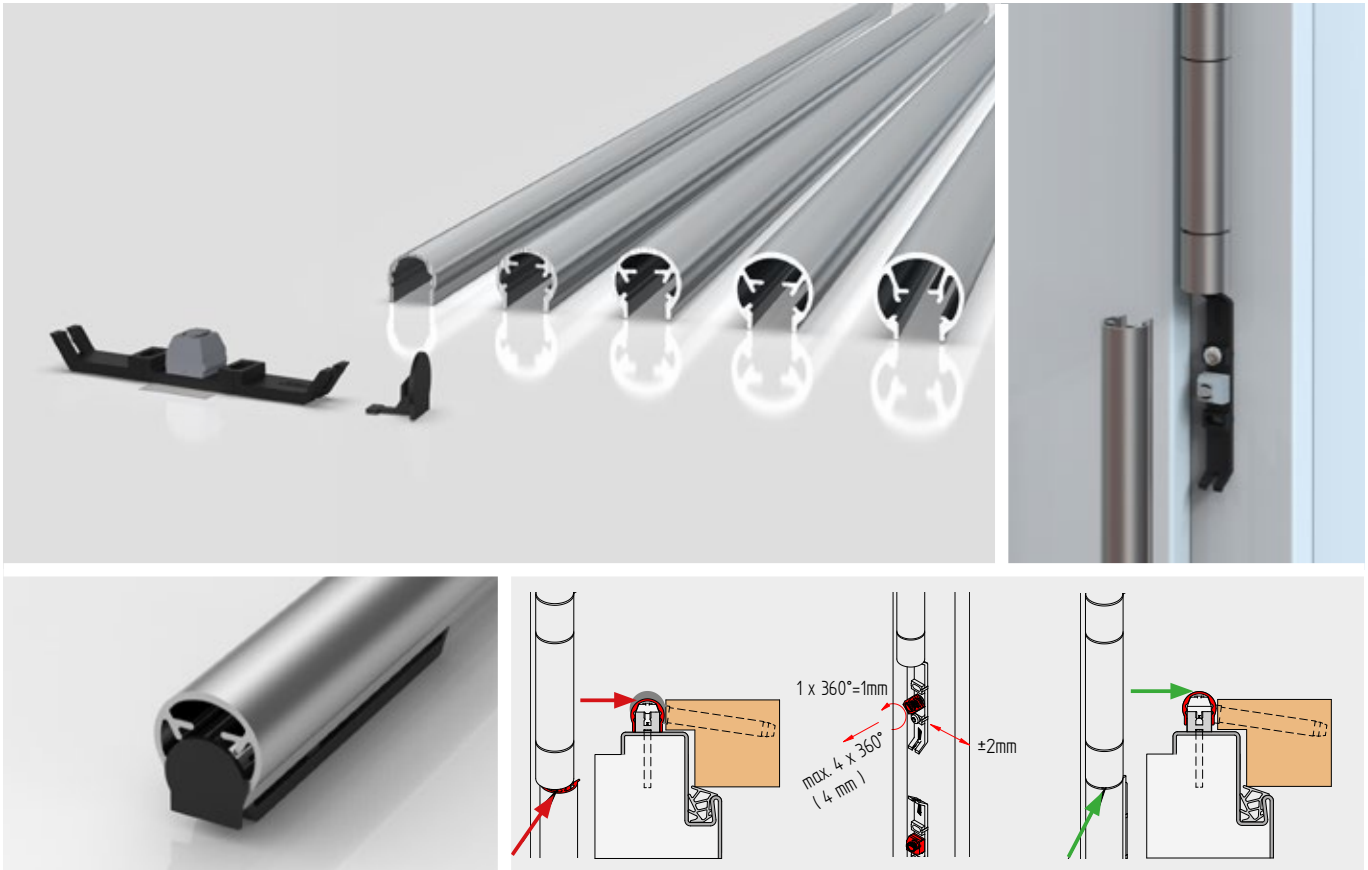
C-0



RAL 9016



RAL 7016

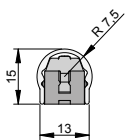


## BU-K<sup>+</sup> hinge-side protective profile

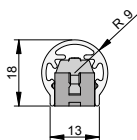
easy and secure fitting with 2D fixing element

- for rebated doors with wooden or metal frames
- adjustable 2D fixing element
  - easy installation without markings or installation aids
  - vertically and laterally adjustable, readjustable, to prevent sharp edges
  - no time-consuming installation of spacers
  - safe installation and secure fit with a maximum gap of 4 mm in accordance with DGUV regulations
  - standard-compliant adjustment possible in steps of 0.5 mm
- disassembly possible without damaging the profile for cleaning or for readjusting the hinge
- no protruding edges due to design-oriented profile geometry adapted to the hinge
- a fixing element with firm fixing for various sizes of profiles, invisible screws
- different versions for hinges from Ø15 – 24 mm
- set for cutting to size, delivery length: 1,980 mm (3-part) or 1,755 mm (2-part)

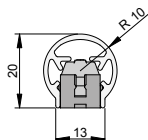
**Different versions - solutions for every hinge diameter**



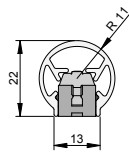
BU-16K<sup>+</sup>



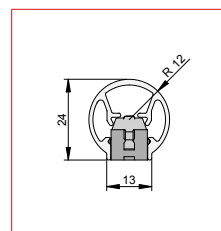
BU-18K<sup>+</sup>



BU-20K<sup>+</sup>



BU-22K<sup>+</sup>



**NEW: BU-24K<sup>+</sup>**



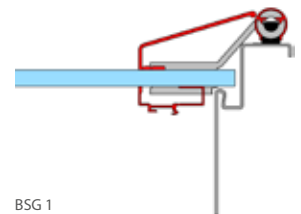
Installation Video



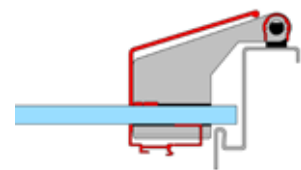
## NR-32 UniSafe® GLASS & Protective Profile BSG1 / BSG2

### System solution for glass doors

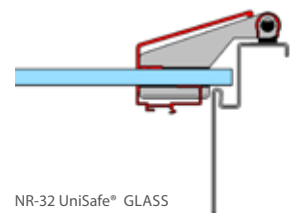
- architectural continuous solution
  - complete cover of the hinges
  - combination of protective profile BSG + BU-K<sup>+</sup> and spacer rail + NR-32 UniSafe®
- suitable for wooden or metal frames, and glass side elements
- easy & quick mounting
  - without markings or installation aids
  - spacer rail and the protective profile are pre-fitted with special adhesive tape
- BSG 1 / BSG 2 Protective profile for hinge side – opening face with BU-K<sup>+</sup>
  - profile with standard groove allows to notch as necessary
  - suitable for all conventional all-glass door hinges
- NR-32 UniSafe® GLASS protection for hinge side – closing face
  - spacer rail with NR-32 UniSafe®
  - standard grooves in the profile allows to notch as necessary for counter plates of hinges
- scope of delivery:
  - standard colour: C-0 and C-31, further colour on demand
  - set for cutting to size, delivery length: 2.000 mm



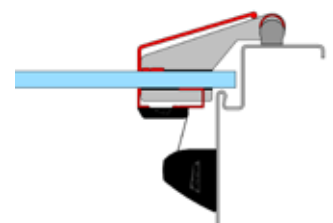
BSG 1



BSG 2



NR-32 UniSafe® GLASS





## Quality for every application

- always at the state of the art
- our finger protection systems are TÜV- / GS- certified according to EN 16654 - Child Protective product
- Athmer finger protection can be used on fire and smoke protection doors due to innumerable tests with the main door manufacturers



## Service – we have a solution for everything

- our service is for our customers as we offer an individual solution like : example bulk packaging for commercial projects, technical support, special colour, etc.
- have a look on our installation **videos**



Video portal

## Product selector

- find the appropriate product for your requirements with our product selector
- download our technical drawings and fitting instructions



Product selector

J C S

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