

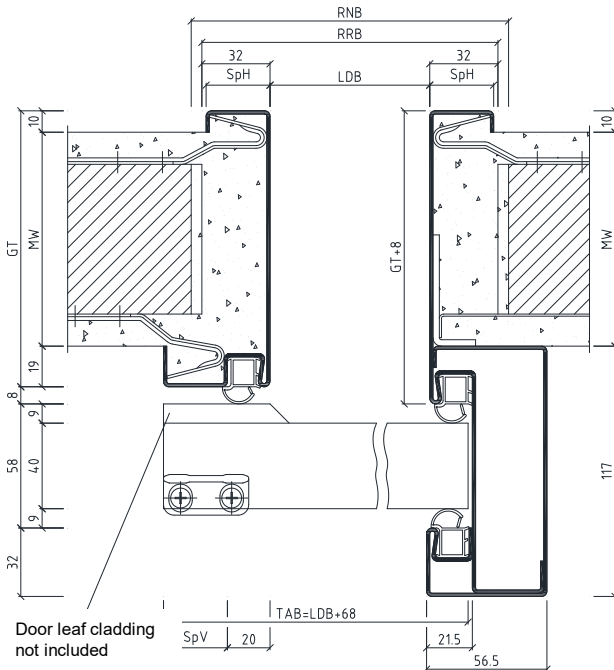
**LineaOutside-D, sealed closing sliding door frame  
for brick walls**

**Included in scope of delivery:**

- LineaOutside-D sealed closing sliding door frame with overhead track, mounted
- Accessory kit for LineaOutside-D
- Elastic hollow chamber seal

**To be supplied on site:**

- Fastening for the nail anchors (dowels and screws)
- Cladding profile
- Door leaf



- GT = Total profile depth
- LDB = Clearance width
- LDH = Clearance height
- MW = Receiving opening
- OFF = Top level of finished floor
- PH = Back backbend
- PV = Front backbend
- SpH = Back architrave
- SpV = Front architrave
- TAB = Overall door leaf width

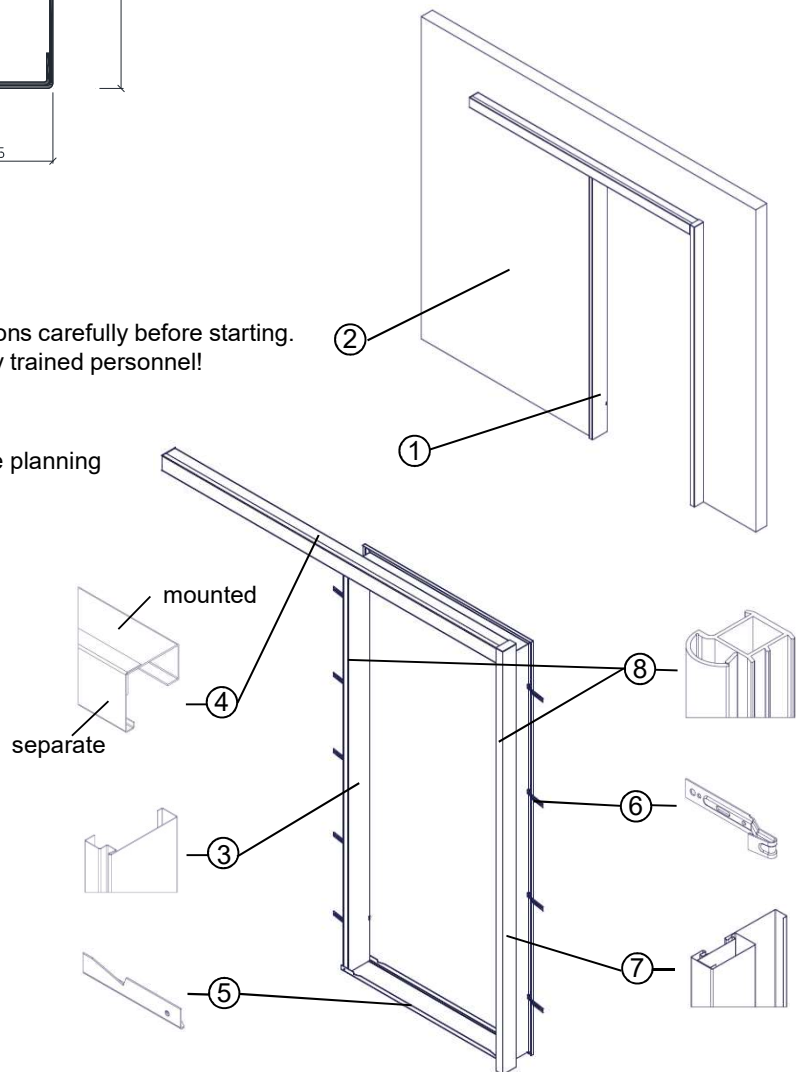
**SvdW-D for brick walls**

**Please note:** Read the installation instructions carefully before starting. Installation should be carried out by suitably trained personnel!

**Before installation:**

- Check that the steel frame conforms to the planning specifications of the client.
- Check the angularity of the frame.

- (1) Sliding door frame LineaOutside-D
- (2) Brick wall
- (3) Frame profile
- (4) Track case (2 parts)
- (5) Transport profile
- (6) Nail anchor
- (7) Entry case profile
- (8) Elastic hollow chamber seal



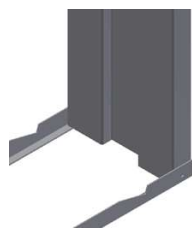
**Sliding door leaf and operator**

For professional installation of the sliding door leaf and drive system, please follow the respective installation instructions of the supplier.

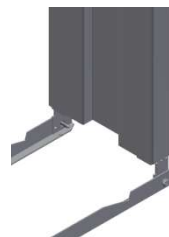
**Transport profiles**

Transport profiles are a transport and installation aid which are fastened at the bottom of the steel frame to the side parts. They can be used as an installation aid for primed frames and should be removed directly after installation. With powder coated frames, the transport profiles must be removed before installation.

Transport profiles in primed frames



Transport profiles in powder coated frames



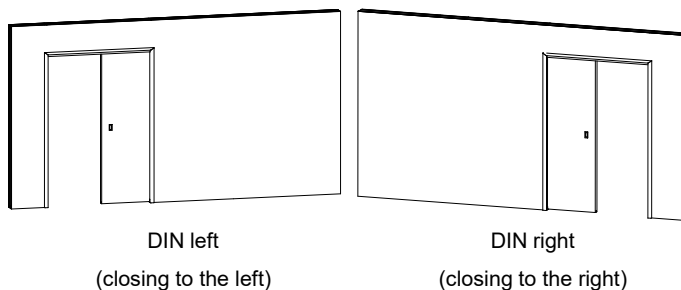
**Please note:**

The profile forms and measurements can differ from those illustrated in the installation instructions. Further installation tips can be found in the TTZ Installation Guidelines at [www.BestOfSteel.de/en/tools-downloads](http://www.BestOfSteel.de/en/tools-downloads).

If the frames are used in combination with fire and/or sound protection door leaves, the mounting parts and installation instructions from the authorisation holder must be followed!

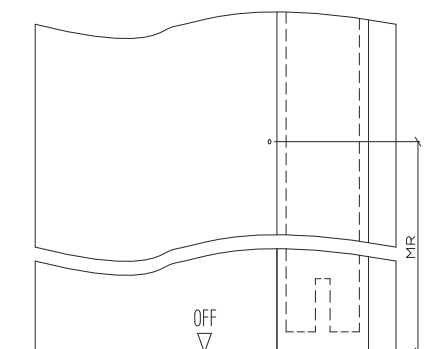
The solid and stud walls or their profiles must be designed in such a way that they can reliably and permanently absorb the static and dynamic forces resulting from the load of the door element used.

**Closing directions:**



**Detail metre mark:**

Metre mark (MR) from  
OFF = 1000mm



The transport packaging is disposed of by BOS Best Of Steel in cooperation with Zentek (within Germany).

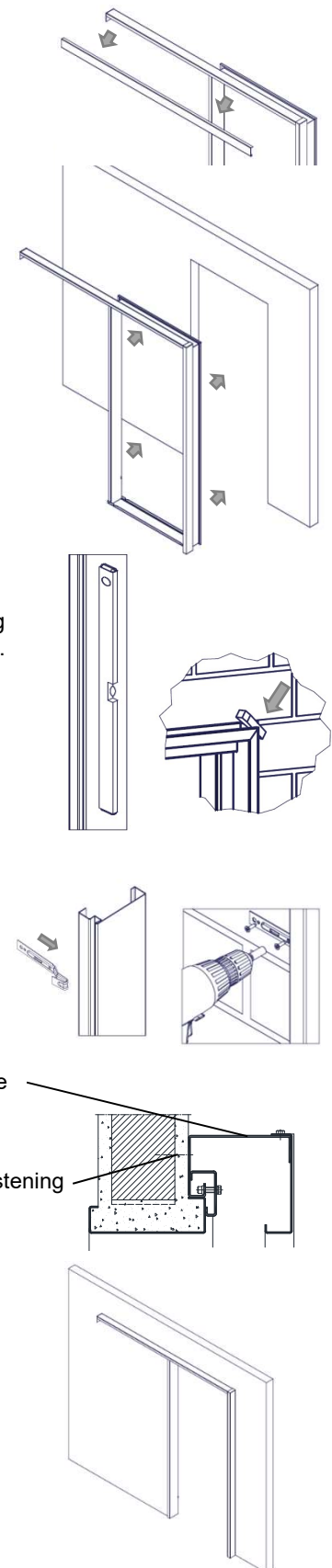
**LineaOutside-D, sealed closing sliding door frame  
for brick walls**

**Attention:** Please take note of the transport profile information given on page 2 before installation!

1. Unscrew the track case cover (4, separate).
2. Push the sliding door frame LineaOutside-D (1) into the wall opening and align according to the height of the metre mark (see page 2 for metre mark explanation).
3. Align the sliding door frame LineaOutside-D (1) vertically and horizontally using a spirit level and then wedge it to the brick wall at the corners of the headpiece. When wedging, make sure that the sliding door frame LineaOutside-D (1) has an even distance to the wall.
4. Distribute the nail anchors (6) evenly in height and position them between the brick wall (2) and the frame profile (3). Fasten the nail anchors (6) securely to the brick wall using dowels and screws (not included).

Fasten the track case (4, mounted) through the holes provided securely to the brick wall.

5. The sliding door frame LineaOutside-D (1) must be splayed out to ensure that the clearance width (LDB) is upheld over the whole height. Backfill the sliding door frame LineaOutside-D (1) with earth-moist standard mortar (approx. 1:4 according to DIN 1053-1). After backfilling, remove any mortar residue from the frame.
6. Once the mortar has set, remove the transport profile (5). Finally, the complete wall can be plastered.



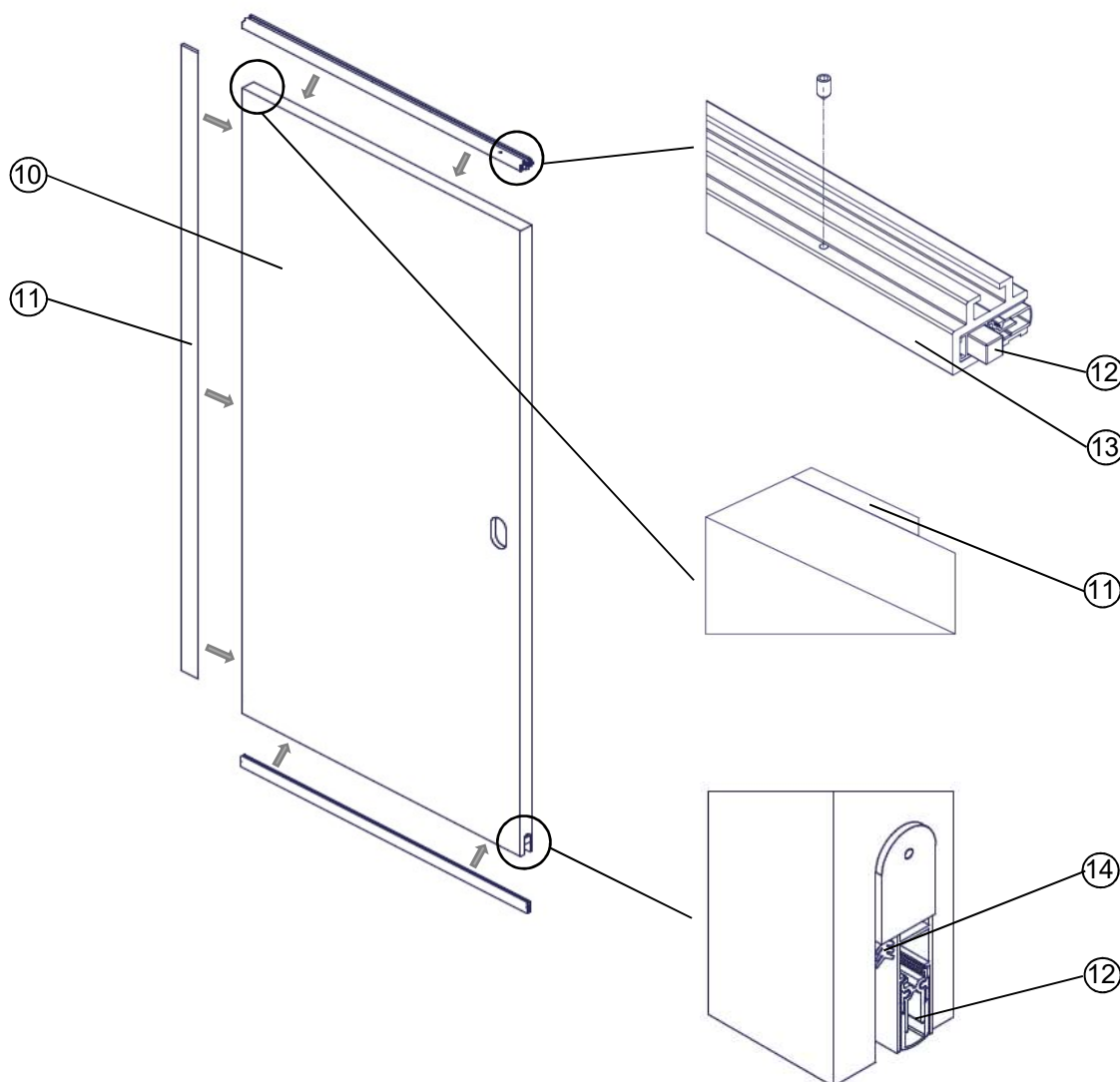
**Preparation of the sliding door leaf:**

- 1) Mount the cladding profile (11) onto the side of the sliding door leaf (10).
- 2) Screw the Slide Adapter (13) onto the sliding door leaf (10), push a Schall-Ex Slide M-12 WS (12) into the groove of the Slide Adapter (13) and fasten using headless screws.
- 3) Position another Schall-Ex Slide M-12 WS (12) in the groove under the sliding door leaf and fasten. Also insert the fir tree seal (14).

**Attention:** Schall-Ex Slide M-12 WS (12) and the guiding pins (see page 5) must not be fastened on the same side of the groove.

**Note:** The enclosed assembly instructions from Athmer must be followed!

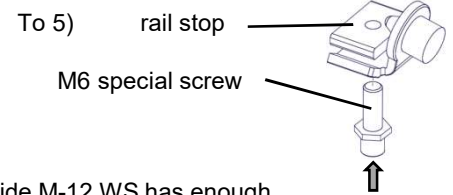
- (10) Sliding door leaf (not included)
- (11) Cladding profile (not included)
- (12) Schall-Ex Slide M-12 WS
- (13) Slide Adapter (from Athmer)
- (14) Fir tree seal



**LineaOutside-D, sealed closing sliding door frame  
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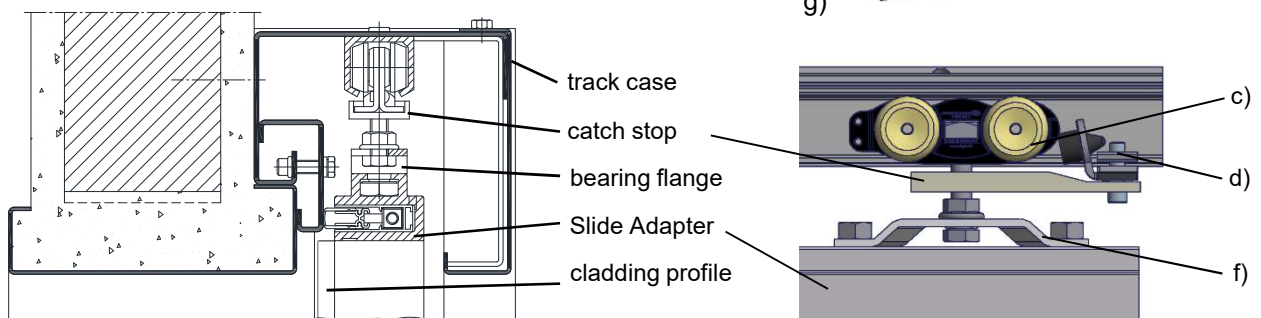
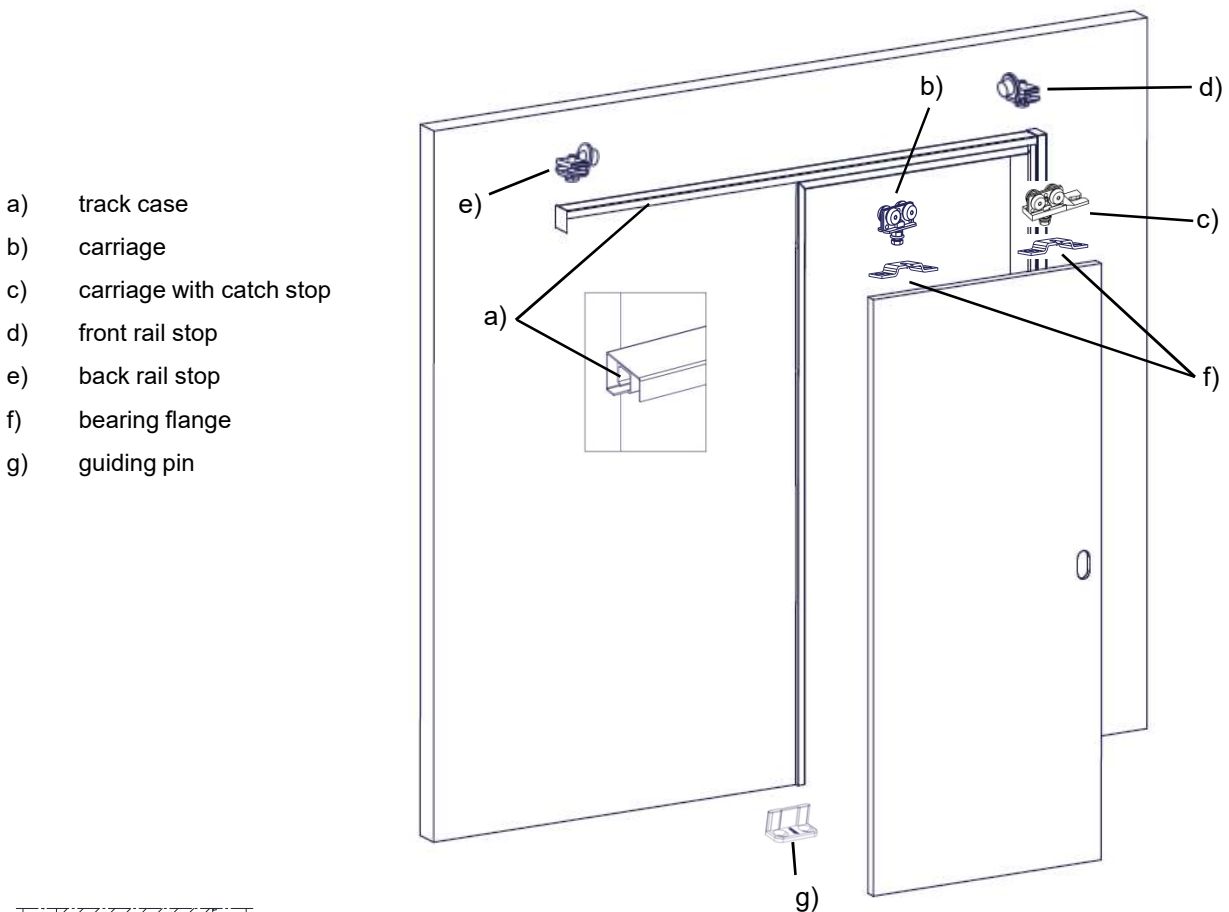
**Mounting the door leaf:**

- 1) Mount the carriages (b) and (c) in the track case (a).
- 2) Screw the bearing flanges (f) onto the Slide Adapter.
- 3) Hang the bearing flanges (f) in the carriages (b) and (c) and adjust the door leaf to the right height by turning the adjustment screws.



**Attention:** When adjusting the sliding door leaf, ensure that the Schall-Ex Slide M-12 WS has enough space to extend downwards.

- 4) The distance from the door leaf to the frame can be adjusted via the slotted holes of the bearing flanges (f).
- 5) Replace the M6 screw of the front rail stop (d) with the M6 special screw from the catch stop package. Push the front rail stop (d) into the track case (a), so that the catch stop mounted on the carriage (c) grips round the M6 special screw.
- 6) The guiding pin (g) is aligned with the mounted door leaf and fastened to the floor at the height of the side part of the frame.

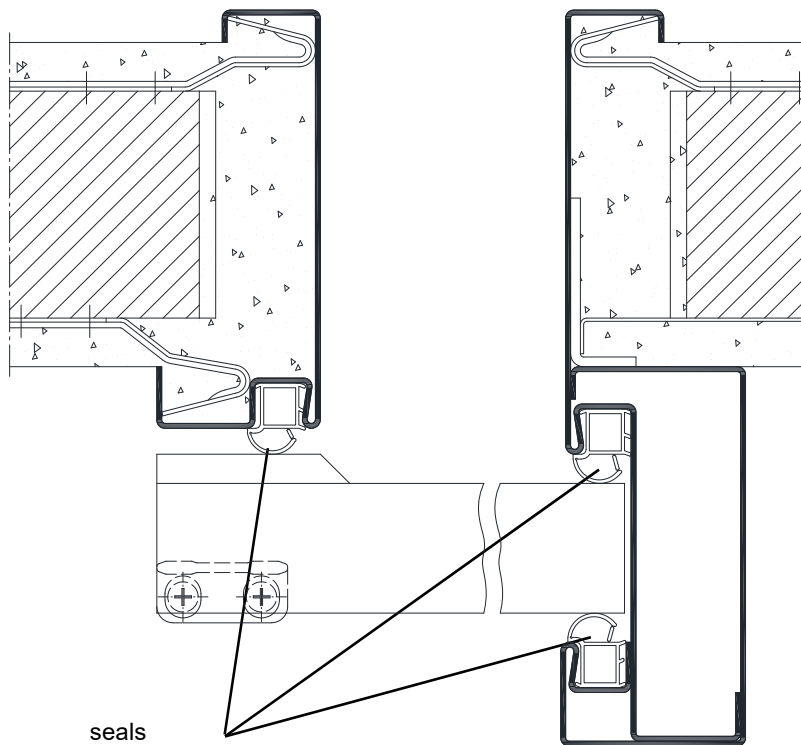
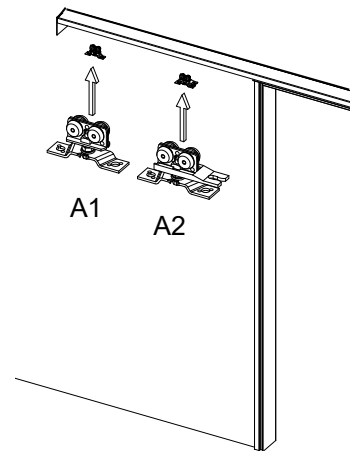


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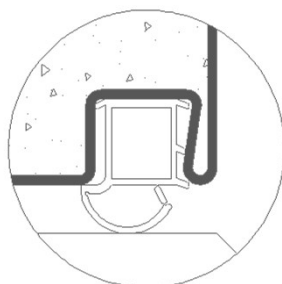
**Inserting the seal:**

- 1) Mark the position of the back running carriage [A1] on the Slide Adapter. Then loosen the screws of the running carriage [A1] and push the sliding door leaf back by approx. 50mm until the guiding pin is visible.
- 2) Insert the three vertical seals into the respective seal holders, see detail below.
- 3) After inserting the seals, the back running carriage [A1] must be returned to the previously marked position and refastened.

**Attention:** After fitting the seals, screw on the track case cover (4, separate).



**Seal position:**



**right**



**wrong**

## Maintenance Instructions

In order to ensure a proper functioning of the elements, a regular inspection and rectification of any defects identified is recommended.

**Note:** Detailed maintenance recommendations for the attachment parts can be obtained from the respective manufacturer. Special recommendations and regulations of the approval holders apply to fire and smoke protection doors.

### Frame

- ✓ Check the frame is firmly secured in the wall.
- ✓ Check the frame, door fittings and the door leaf for mechanical damage and any possible corrosion damage.
- ✓ Depending on the design, check seals for damage, the correct seating in the frame and wear and tear. Any soiling on the seals can be removed using commercially available detergents.

### Door leaf

- ✓ Check the grab handles, guiding pins of the door leaf, push handles and aluminium strip are secure.
- ✓ Check whether there is sufficient clearance (air gap) between the guiding pin and the groove.
- ✓ Depending on the design, the triggers of retractable seals should be checked for damage and functionality.

### Attachment parts

- ✓ Check that the rail stops, catch stopers and guiding pins are securely in place, readjust if necessary and tighten the screws.
- ✓ Sliding door fittings require little maintenance and should not be oiled or greased.
- ✓ Check the fastenings of the bearing flanges to the carriages and the door. Tighten the screws if necessary.
- ✓ Check the carriages in the overhead track for smooth running, squeaking or grinding. Remove any soiling or foreign objects by suitable means.
- ✓ Depending on the design, the closure cushioning should be checked for function.
- ✓ Depending on the design, the automatic operator should be checked for function, in the event of improper operation an assessment should be carried out by trained personnel.

### ➤ **Stainless steel frames**

For the care of stainless steel frames, please follow the instructions on our website:  
[www.bestofsteel.de/en/tools-downloads](http://www.bestofsteel.de/en/tools-downloads)