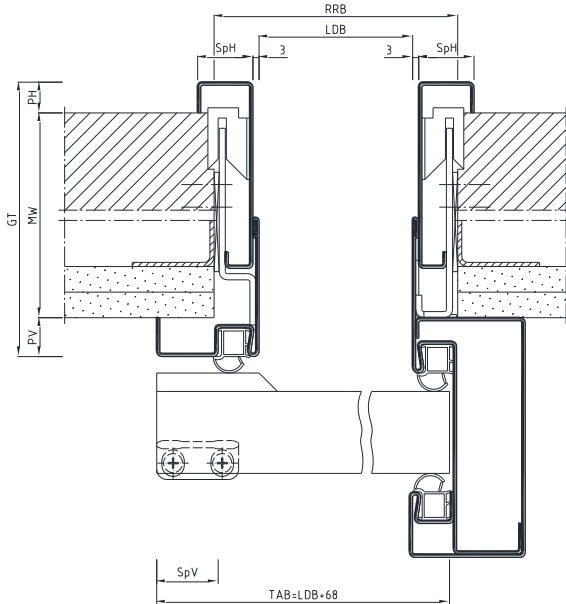


Included in scope of delivery:

- LineaOutside-D, 2 part split frame with overhead track, mounted
- Accessory kit for LineaOutside-D
- Elastic hollow chamber seal



wSvdW-D for brick and stud walls

To be supplied on site:

- Drilling screws for stud walls
- Screws and dowels for brick walls
- Solid padding
- Cladding profile (sliding door leaf)
- Door leaf

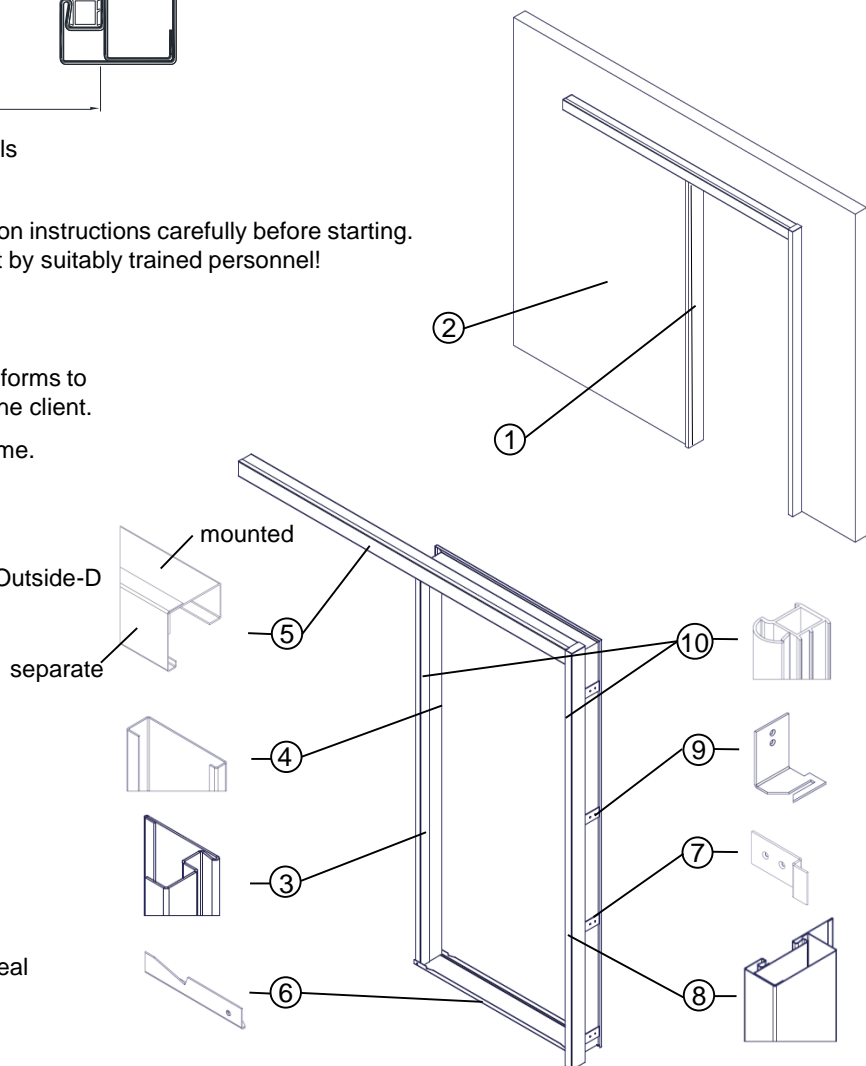
GT = Total depth
 LDB = Clearance width
 LDH = Clearance height
 MW = Receiving opening
 OFF = Top level of finished floor
 PH = Back architrave
 PV = Front architrave
 SpH = Back backbend
 SpV = Front backbend

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) Wall
- (3) Front part
- (4) Back part
- (5) Track case (2 parts)
- (6) Transport profile
- (7) Bended flat steel anchor
- (8) Entry case profile
- (9) Guiding anchor
- (10) Elastic hollow chamber seal



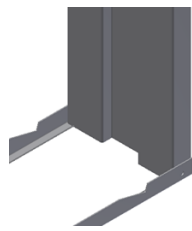
Sliding door leaf and operator

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

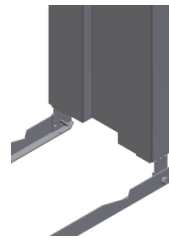
Transport profiles

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



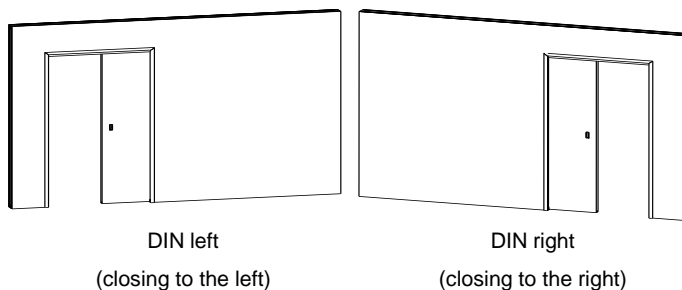
Please note:

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.

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!

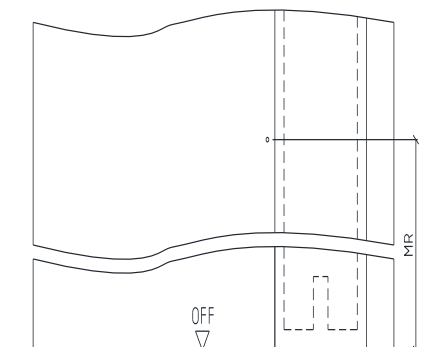
The solid and stud walls or their profiles must be designed in such a way that they can reliably and permanently absorb the static and dynamic forces resulting from the load of the door element used.

Closing directions:



Detail metre mark:

Metre mark (MR) from
OFF = 1000mm

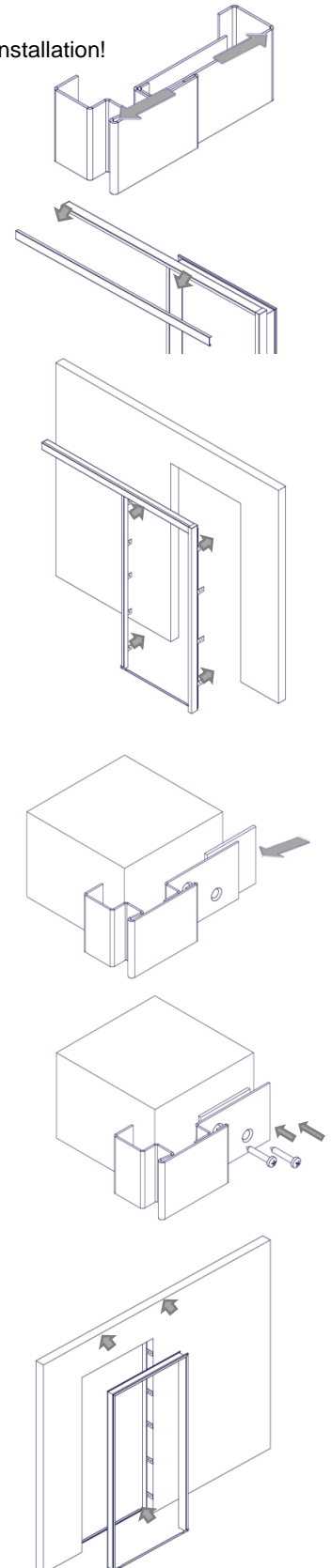


The transport packaging is disposed of by BOS Best Of Steel in cooperation with Zentek (within Germany).

Attention: The frame is delivered assembled!

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

1. Separate the front part (3) from the back part (4) of the frame.
Unscrew the track case cover (5, separate).
2. Push the front part of the frame (3) into the wall opening and align according to the height of the metre mark (see page 2 for metre mark explanation).
3. Fasten the bended flat steel anchors (7) of the front part of the frame (3), together with the solid padding (not included), to the wall (2) and align vertically and horizontally using a spirit level.
- 4a. **Stud walls:**
Fasten the aligned front part of the frame (3) securely to the UA profile using drilling screws through the holes provided in the bended flat steel anchors (7) (screws not included, 2 per anchor, set diagonally).
- 4b. **Brick walls:**
After inserting and aligning the front part of the frame (3), the drill holes should first be marked. Then remove the front part of the frame (3), drill at the marked points and insert the dowels (not included). Push the front part of the frame (3) back into the wall opening and fasten securely using 2 screws per anchor, set diagonally (screws not included).
5. Join the front (3) and back (4) parts of the frame. When pushing the back part (4) into position, make sure that bended flat steel anchors (7) of the front part of the frame (3) engage in the guiding anchors (9) of the back part (4). The architrave (PH) of the back part of the frame (4) must lie against the brick or stud wall.
6. Fasten the track case (5, mounted) through the holes provided to the wall (2) or a vertical UA profile.
7. Finally, the transport profiles (6) can be removed.



Note: As a rule, the steel frames according to DIN 18111-2 do not need to be backfilled. In the case of sound protection requirements, the frames should be backfilled with e.g. mineral wool.

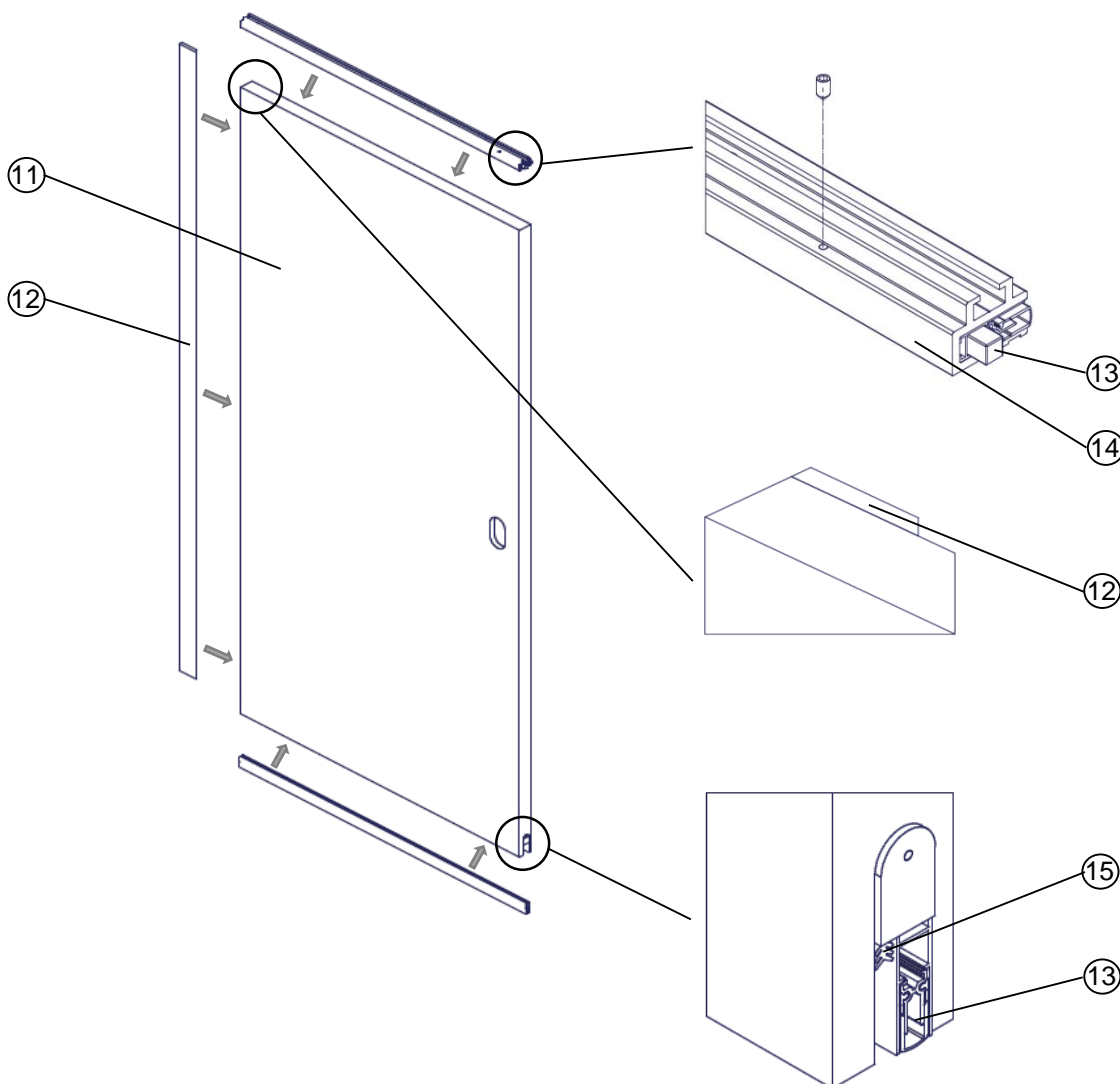
Preparation of the sliding door leaf:

- 1) Mount the cladding profile (12) onto the side of the sliding door leaf (11).
- 2) Screw the Slide Adapter (14) onto the sliding door leaf (11), push a Schall-Ex Slide M-12 WS (13) into the groove of the Slide Adapter (14) and fasten using headless screws.
- 3) Position another Schall-Ex Slide M-12 WS (13) in the groove under the sliding door leaf and fasten. Also insert the fir tree seal (15).

Attention: Schall-Ex Slide M-12 WS (13) 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!

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



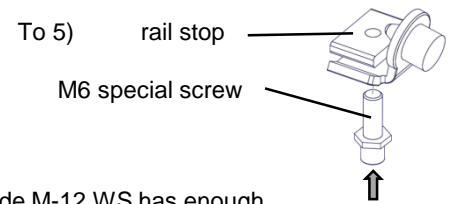
for brick and stud walls

Mounting the door leaf:

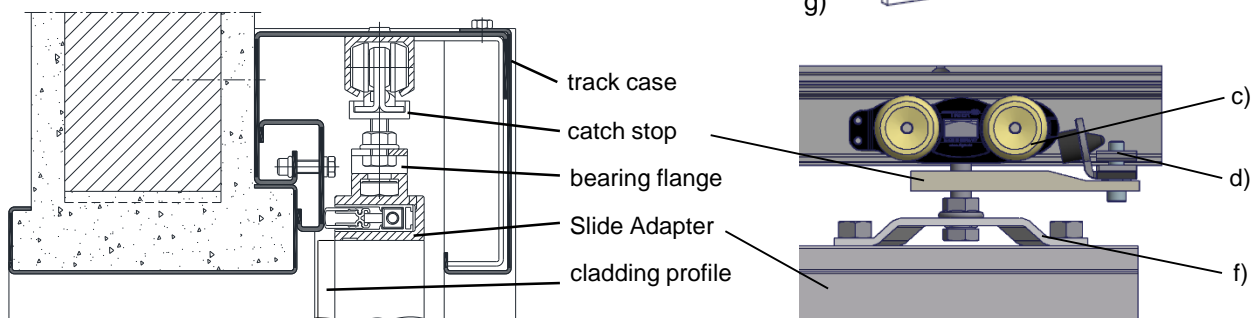
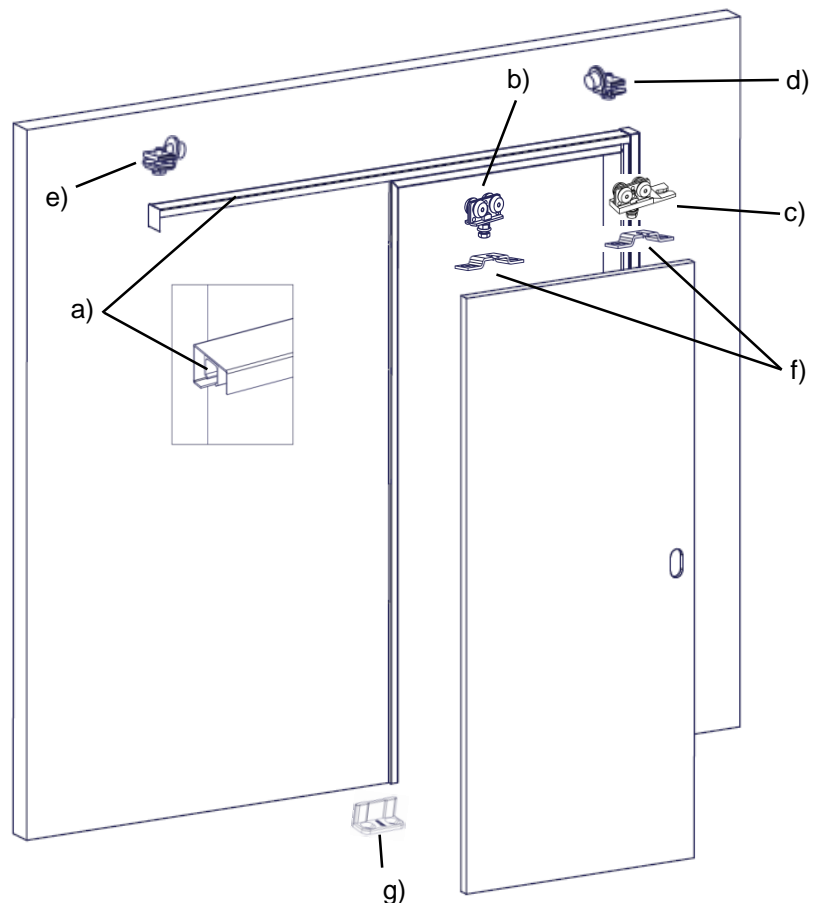
- 1) Mount the carriages (b) and (c) in the track case (a).
- 2) Screw the bearing flanges (f) onto the Slide Adapter.
- 3) Hang the bearing flanges (f) in the carriages (b) and (c) and adjust the door leaf to the right height by turning the adjustment screws.

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.

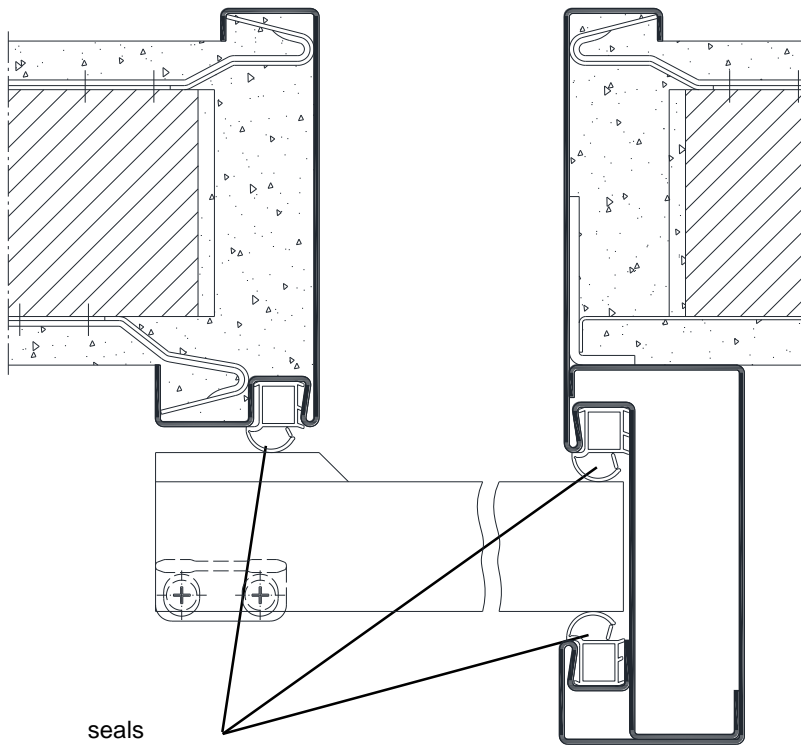
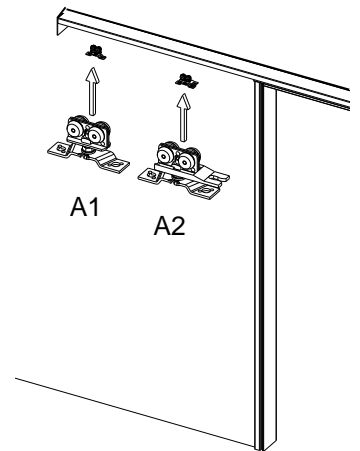


- a) track case
- b) carriage
- c) carriage with catch stop
- d) front rail stop
- e) back rail stop
- f) bearing flange
- g) guiding pin

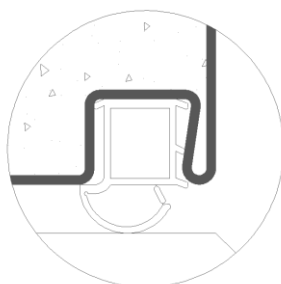


Inserting the seal:

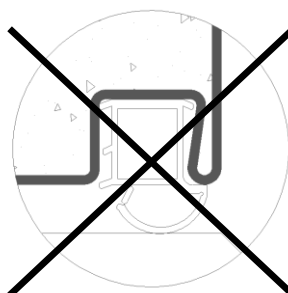
- 1) Mark the position of the back running carriage [A1] on the Slide Adapter. Then loosen the screws of the running carriage [A1] and push the sliding door leaf back by approx. 50mm until the guiding pin is visible.
 - 2) Insert the three vertical seals into the respective seal holders, see detail below.
 - 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 (5, 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