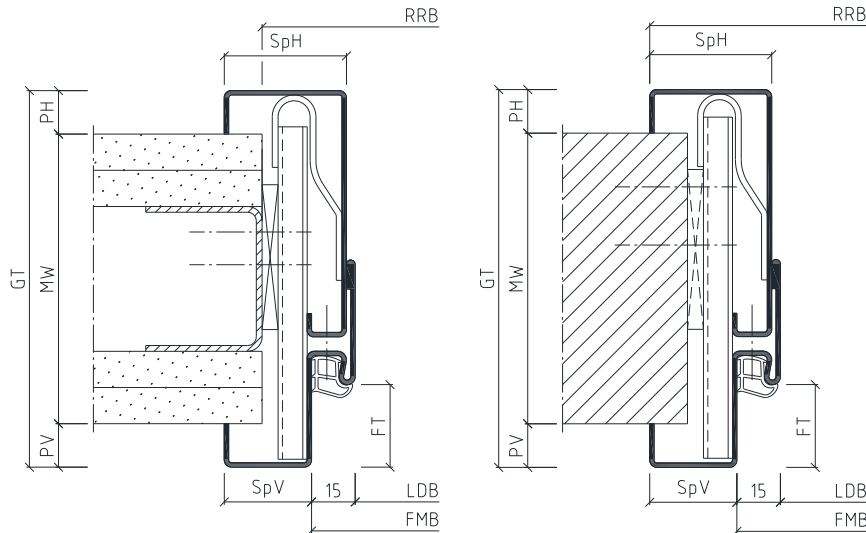


Included in scope of delivery:

- 2 part split frame with an adjustment area of -5 to +15mm
- 5.2m elastic hollow chamber seal (separate)
- Trapeze anchors (mounted) with guiding anchors

To be supplied by the customer:

- Drilling screws for stud walls
- Screws with dowels or frame dowels for brick walls
- Solid padding (e.g. hardwood/plastic/steel plates or blocks) if applicable



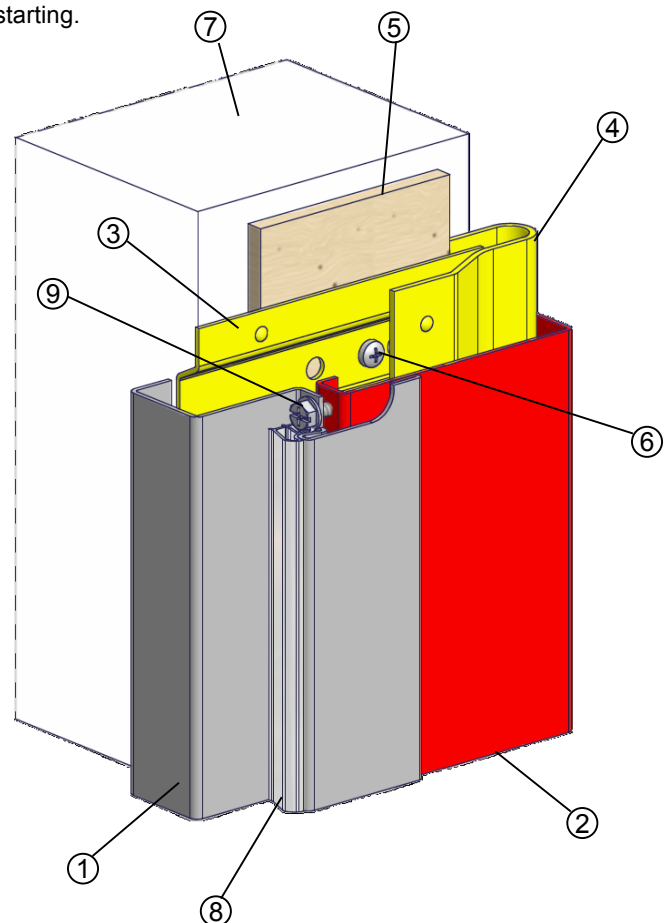
FMB	=	Frame rebate width
FT	=	Rebate depth
GT	=	Total profile depth
LDB	=	Clearance width
MW	=	Receiving opening
OFF	=	Finished floor level
PH	=	Back backbend
PV	=	Front backbend
RRB	=	Structural wall opening width
SpH	=	Back architrave
SpV	=	Front architrave

wkBsd/wkBud for stud / 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 frame conforms to the planning specifications of the client.
 - Check the angularity of the frame.
- (1) Front part of frame
 - (2) Back part of frame
 - (3) Trapeze anchor
 - (4) Guiding anchor
 - (5) Solid padding
 - (6) Drilling screws for stud walls, screws with dowels for brick walls (2 per anchor)
 - (7) Wall / Supporting structure
 - (8) Elastic hollow chamber seal
 - (9) Drilling screw to connect frame parts



These installation instructions do not include static information.

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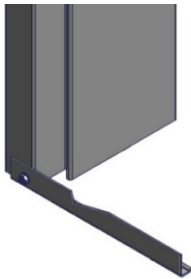
Seals

Do not use nitro-based paint. Cut the seal for the headpiece to length without stretching and without a mitre. Then push the seal into the correct position in the profile. Repeat for the side parts.

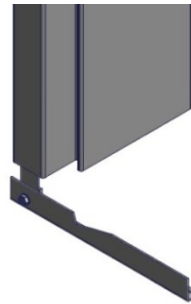
Spacer rails

Spacer rails are transportation and installation aids, which are fastened at the bottom of the steel frame to the side parts. The spacer rails can be used as an installation aid in primed frames and should be removed afterwards. The spacer rails in powder coated frames must be removed before installation.

Spacer rail in a primed frame



Spacer rail in a powder coated frame



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.

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

Detail metre mark:



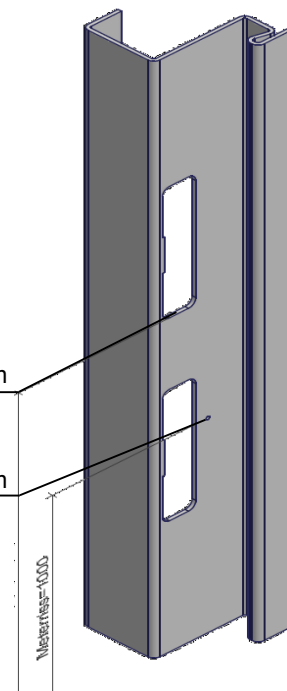
View DIN left



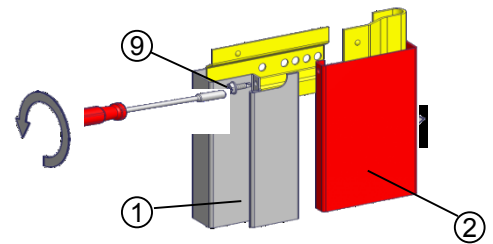
View DIN right

Handle height
from OFF = 1050 mm

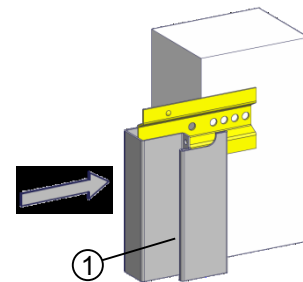
Metre mark
from OFF = 1000 mm



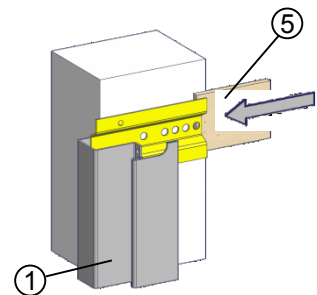
1. Primed frames are delivered pre-assembled. Remove the drilling screws (9) connecting the front (1) and back part (2) of the frame using a cross tip screwdriver or an allen wrench and pull the two frame parts apart.



2. Insert the front part of the frame (1) into the wall opening and align according to the metre mark (see page 2 for further information about the metre mark) . If necessary, enlarge the opening for the mortar protection case and the hinge pockets.

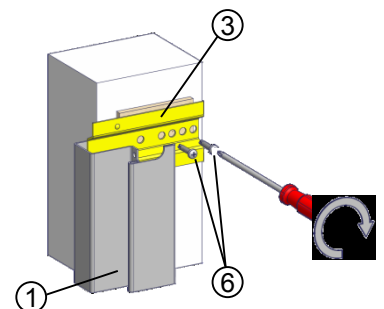


3. Align the front part of the frame (1) using solid padding (5). Check the perpendicular and horizontal alignment using a spirit level.

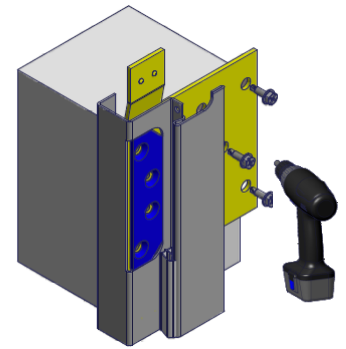


- 4a. **Stud walls:**
Join the aligned front part of the frame (1) to the stud wall support by inserting the drilling screws (6) through the holes provided in the trapeze anchor (3).

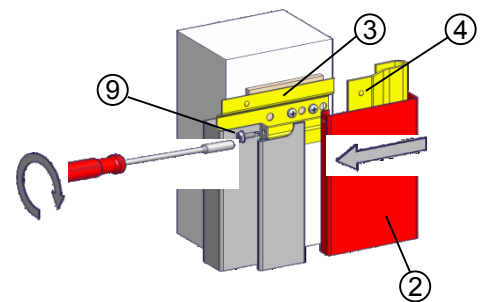
- 4b. **Brick walls:**
Once aligned, mark the position for drilling the holes to attach the frame to the wall. Remove the frame front part (1), drill the holes where marked and insert the dowels. Finally, reinsert the front part of the frame (1) in the wall opening and fasten.



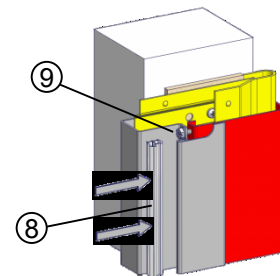
5. When installing the hinges, follow the manufacturers' instructions. The hinge pockets of the frame are supported and reinforced through a connection to the wall. Therefore it is vital that the wall connection is carefully aligned so that the overall perpendicular and horizontal alignment is correct. Once the frame is correctly aligned, please line and secure the hinge reinforcement plate to the structure. Refer to the door manufacturer for guidance on the correct padding material. Please make use of all screw holes, so that the substructure is securely fastened to the wall.



6. Place the frame back part (2) carefully into position, making sure that the trapeze anchor (3) engages with the guiding anchor (4). Connect the two frame parts in the rebate with drilling screws (9). Tightening torque max. 4 Nm. Remove the spacer rails if still present.



7. Primed frames should now be painted. Once the paint is dry, insert the elastic hollow chamber seal (8), thus covering the drilling screws (9) in the rebate.



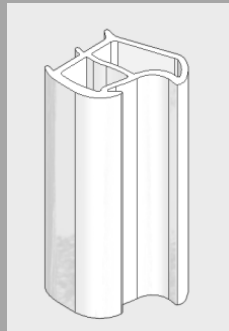
Maintenance Instructions

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

General condition: Please check the frame and the door leaf for any mechanical or corrosion damage. These types of damage must be rectified!

Seals

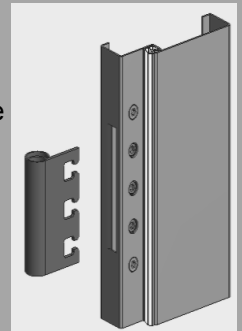
These are to be checked for damage, a proper fit and wear. Damaged seals should be replaced. Dirt on the seals can be removed using commercial detergent.



Elastic hollow chamber seal

Hinge pockets

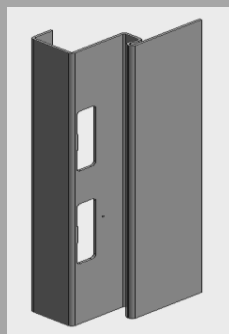
Please control the fastening of the hinges and tighten the screws if necessary. Replace worn parts.



VX hinge pocket with 3 clamping screws and 2 adjustment screws

Latch/Bolt cut-out

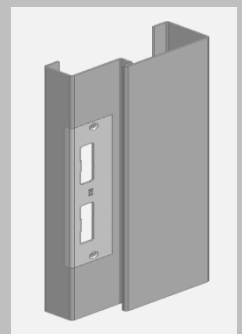
Please check the area of the latch/bolt cut-out for defects. Any damages should be correctly repaired.



Latch/Bolt cut-out

Attachments

Please check the fastenings of all attachment parts (striking plates, door closers etc.) and tighten the screws where necessary. Damaged parts should be replaced.



Striking plate

Stainless steel frames

For the care of stainless steel frames please refer to our instructions:

<https://www.bestofsteel.de/en/toolsn-downloads/care-and-maintenance-instructions/>