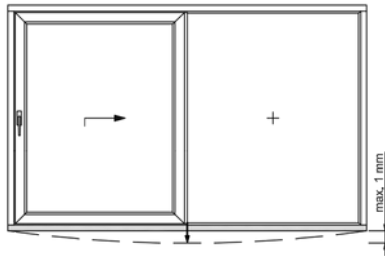


Omega Lift and Slide & Omega Ultra Lift and Slide General Installation Guidelines

Please note that these guidelines are not exhaustive instructions

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1.1 Maximum deflection of frame or base profile: ± 1 mm (Fig.1).

Fig. 1 In order to ensure the proper functioning and durability of the element, the maximum permissible deflection of the frame or base profile is 1 mm.

Stackable base blocks



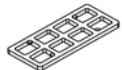
= spacer block

M582
120 x 50 x 2 mm



= bearing block

M583
120 x 50 x 3 mm



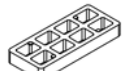
= bearing block

M584
120 x 50 x 5 mm



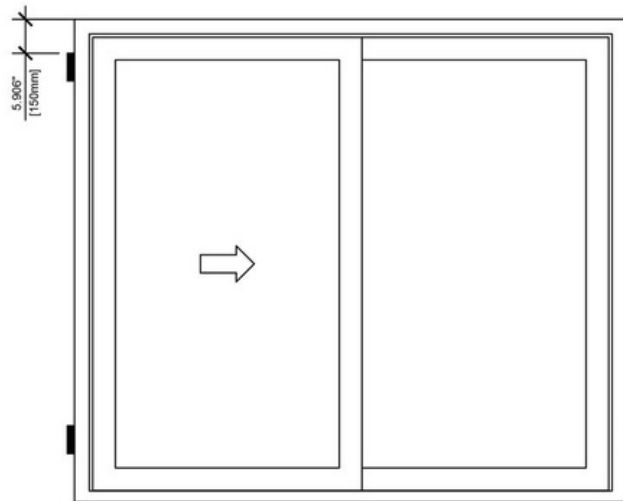
= bearing block

M585
120 x 50 x 10 mm



= bearing block

M586
120 x 50 x 15 mm



2.0 Fastening points

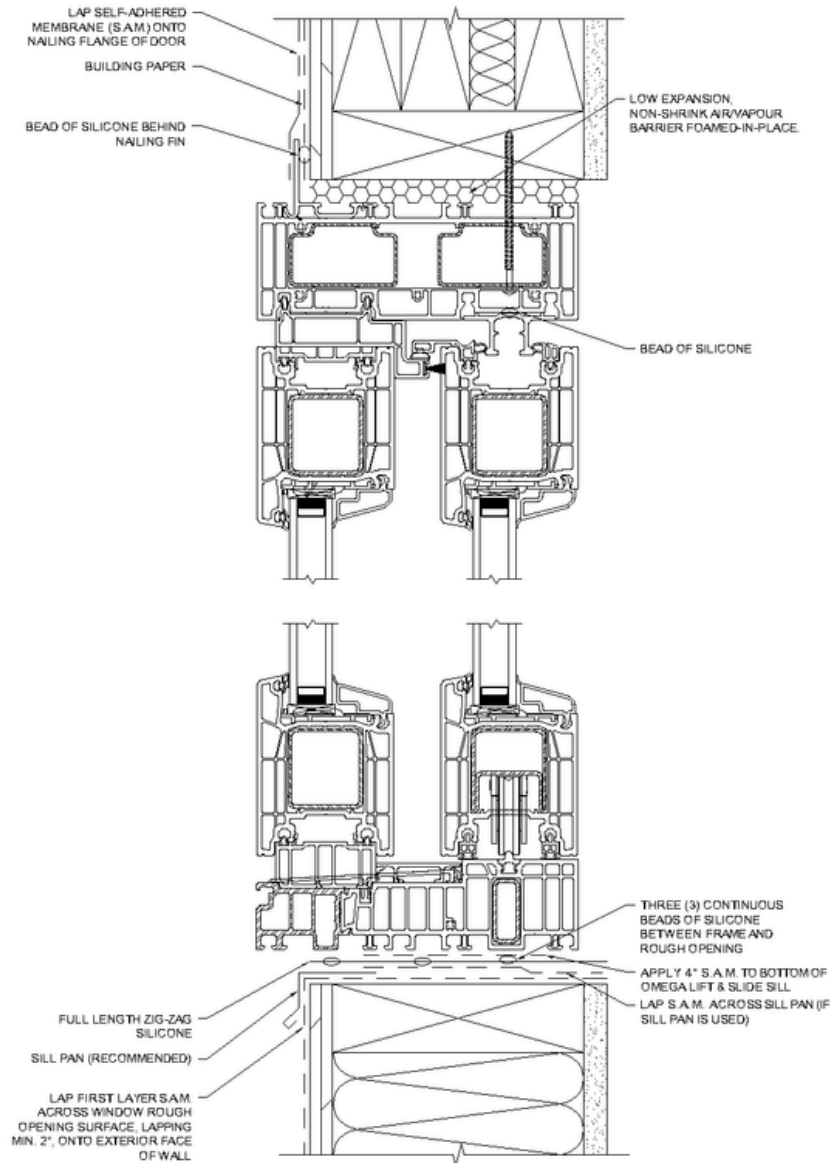
1. The fastening is carried out with e.g. installation screws S060.
2. Strap anchors alone are not permitted.
3. The choice of fastener depends on the structure of the wall.
4. The installation holes are to be drilled into the screw channels of the frame profile (consider 2.6).

Sample Screw

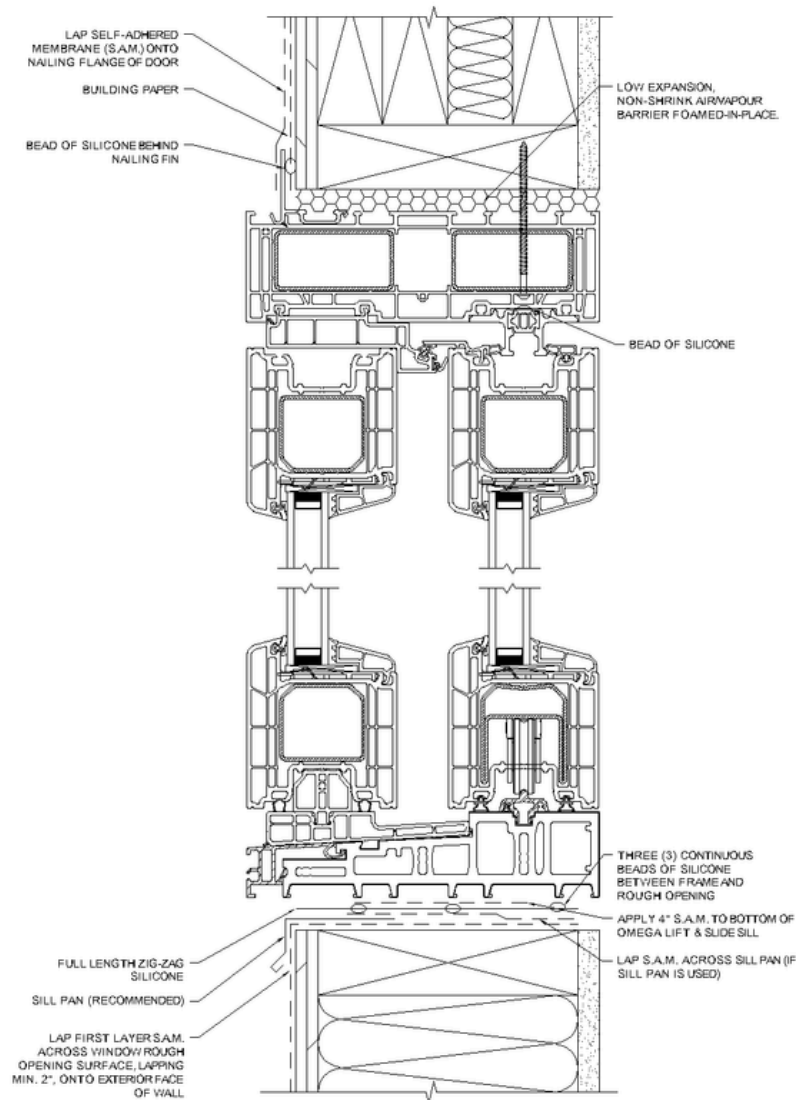


F100962
Screw#14-10 x 5" (6x130), for
PremiDoor installation

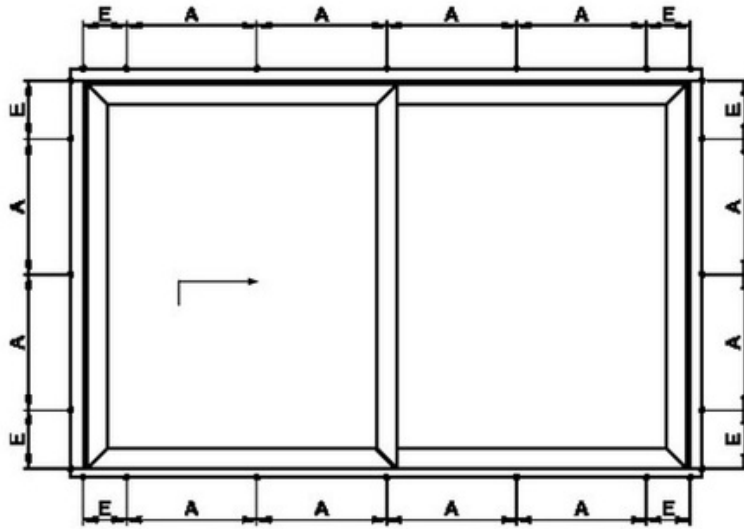
2.4 Omega Lift and Slide Cross section



2.5 Omega Ultra Lift and Slide Cross section



2.6 Fastening point spacing



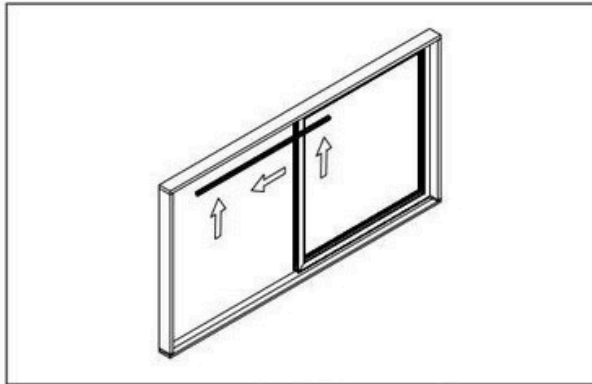
E = Distance of profile inside corner 150 mm
A = Spacing distance of between fastening points max. 700mm

Care must be taken to ensure safe load transfer and corresponding loading capacity of the wall.

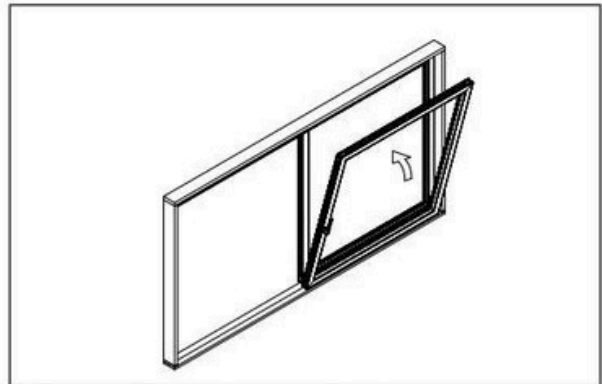
Attention: The upper frame profile has to be cantilevered. That means that the profile must not be allowed to bend by its own weight. The use of shims and/or installation foam at the head of the element are not permitted! The permissible deflection of header beams or floor slabs must be taken into consideration. In the future the service person can re-tighten the upper fastening screws if the deflection of header beams or floor slabs require it!

3.0 Inserting the sliding sash

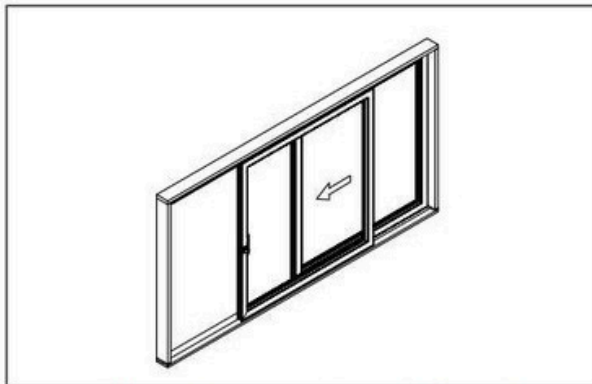
Attention: before inserting the sliding sash, ensure fixed glass is installed. Refer to sections 4 & 5 for more information.



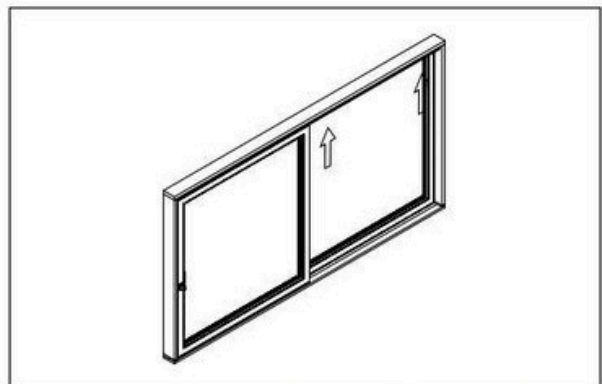
1. Insert the first half of the guide rail and screw it in place.



2. Place the sash onto the bottom track at the fixed sash location.

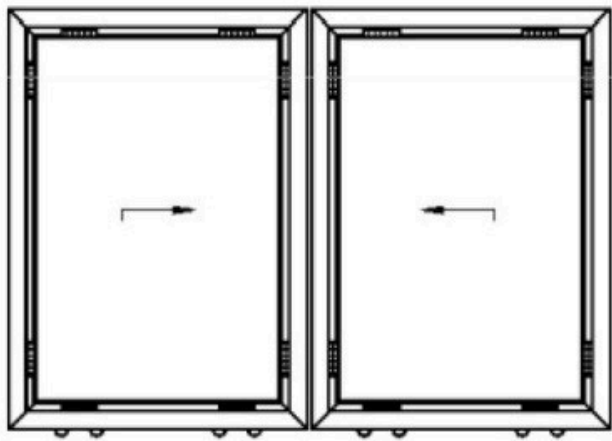


3. Pull the sash over to the locking side.



4. Insert the second half of the guide rail and screw it into place.

4.0 Shimming the glass unit

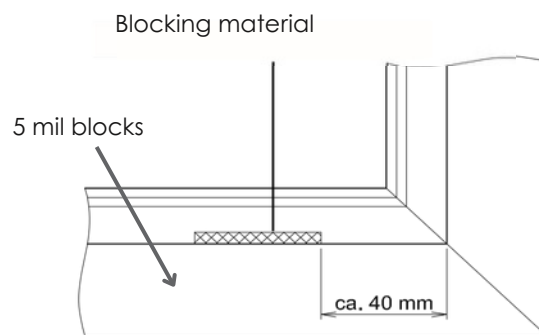


Bearing blocks = bottom

Spacer blocks = sides + top

Note: Spacer blocks 200 mm from the inside corner (e.g. due to temperature related movements of the window element).

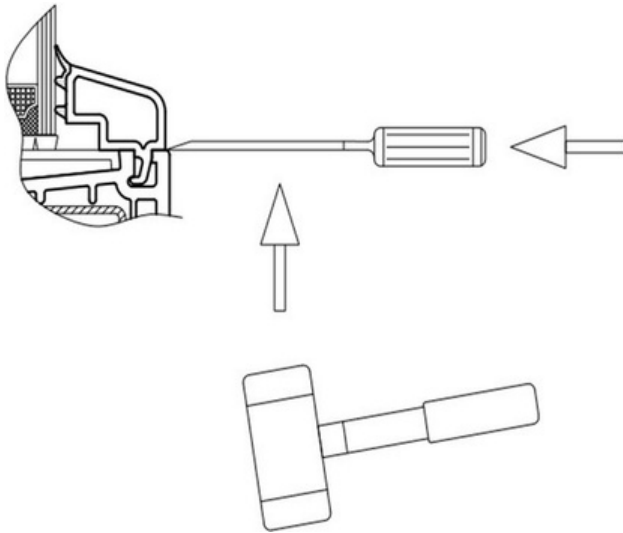
4.1 The distance of bearing blocks from the inside corner is approx. 40 mm for opening sashes. They must be placed directly above the bogie wheels. If additional bogies are installed, then additional bearing blocks need to be installed directly above those bogies as well.



- Ancillaries: M137 clip-on bridge blocks.
- Blocking material: Block length = 100 mm, Block width = min. 2 mm wider than the insulating glass unit.
- The overall thickness of the insulating glass unit must rest on the bearing blocks.

5.0 Glazing beads

5.1 For a careful removal of the glazing bead, a multi-tool would be ideal. If the glazing bead is too tight you can use a hammer (rubber or plastic) to help.



Multi-tool

5.2 Insert glazing beads with the locking foot into the glazing bead groove and pound them in with a rubber hammer. First, install the horizontal glazing beads into place. Add neutral-cure silicone sealant to both bottom mitered glazing bead corners before placing the vertical two beads (Fig. 3).



Fig. 3 Add neutral-cure silicone sealant

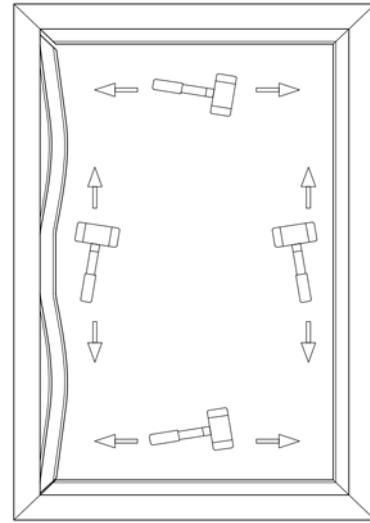


Fig. 4 Installing the glazing beads

Then bend the vertical glazing beads and insert the ends into the mitres in the glazing bead groove and install them into place, starting from the centre (Fig. 4).

After finishing installation of the glazing beads, ensure that the sash profile members are perfectly straight to ensure proper sealing of the sash to the surrounding frame or interlock profiles when locked.

Please consider that this instruction is only intended as a guide and are not general regulations!