Index

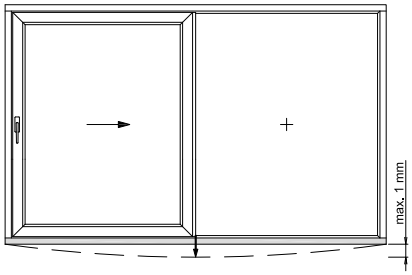
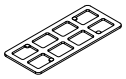
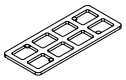


Fig. 1 In order to ensure the proper functioning and durability of the element, the maximum permissible deflection of the frame or base profile is 1 mm.

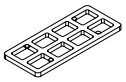
Stackable base blocks


= spacer block

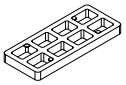
M582
120 x 50 x 2 mm


= bearing block

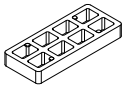
M583
120 x 50 x 3 mm


= 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

S060
Screw 7.5x102 AMO III Type 2 (head 8.0mm) with AW30 (Torx), for window/door installation

1.0 Using bearing blocks

Bearing blocks are used as shown in the diagram.

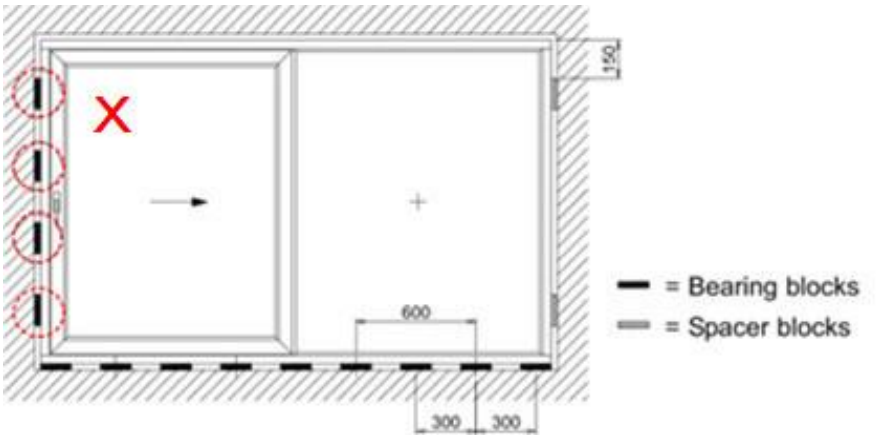
Very important: The element must be installed in a durably load-bearing manner, horizontally perfectly aligned, plumb and evenly shimmed on the inside and outside!

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

1.2 Distance between bearing blocks: max. **300 mm**.

1.3 Vertical and flush installation is indispensable, the load-bearing levelling and spacing is ensured with the M582–M586 stackable base blocks in 2, 3, 5, 10, 15 mm.

1.4 If the rough opening surface is uneven, it might be necessary to level the threshold in two tracks.



Detail X

Where the sash closes against the vertical frame, it is especially important that the relatively slim frame profile is being shimmed perfectly straight with pressure-resistant bearing blocks. These bearing blocks must be placed in the area of the locking plates and not be spaced more than 300mm apart.

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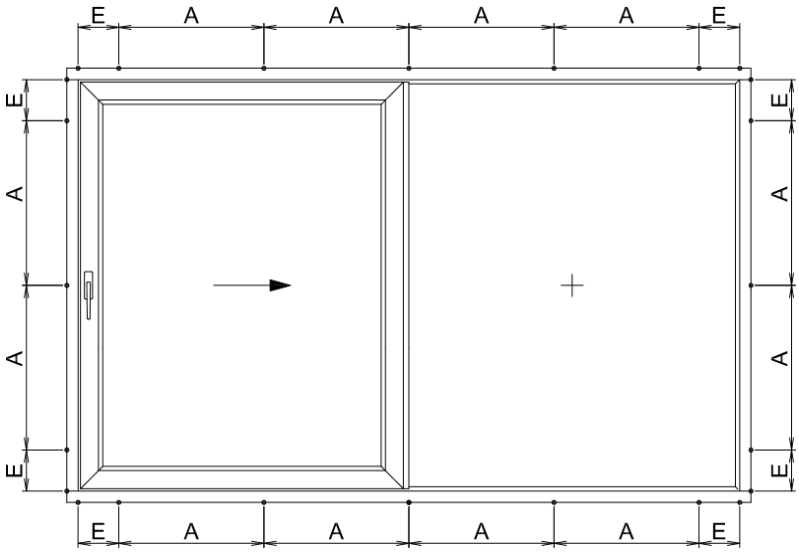
March 2023.

2.0 Fastening points

2.1 The fastening is carried out with e.g. installation screws S060. Strap anchors alone are not permitted.

2.2 The choice of fastener depends on the structure of the wall.

2. 3 The installation holes are to be drilled into the screw channels of the frame profile (consider 2.5).



2.4 Fastening point spacing according to installation instructions.

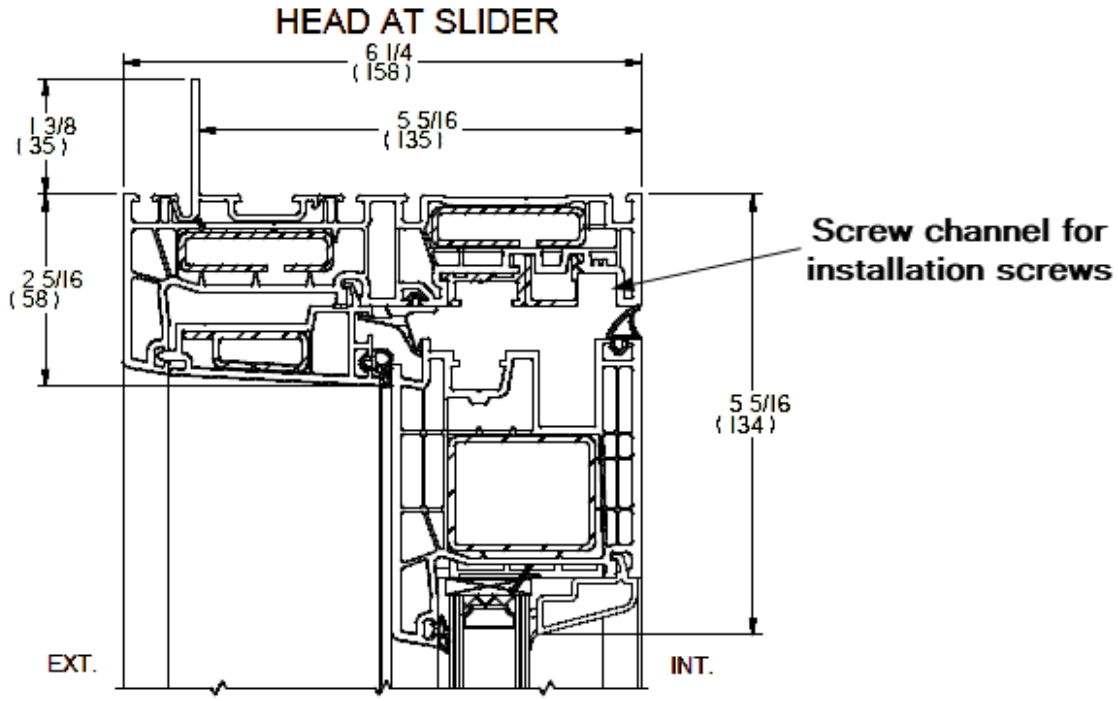
E = Distance of profile inside corner 150 mm

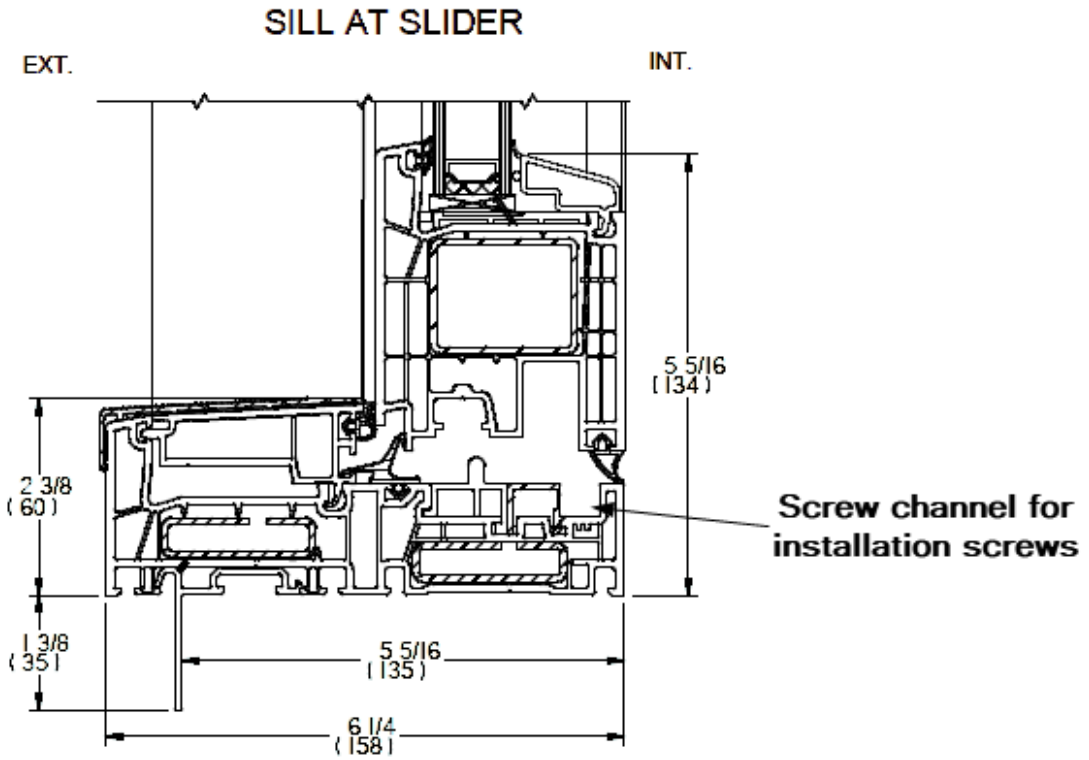
A = Spacing distance of between fastening points max. 700mm

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!

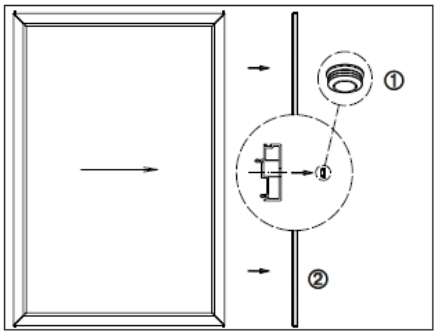
2.5 Screw channels



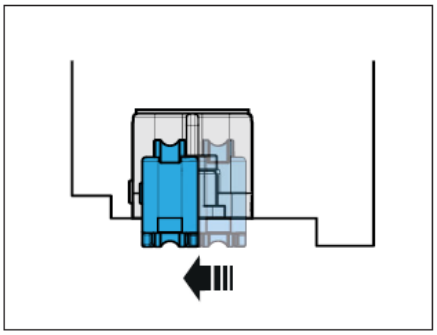


3.0

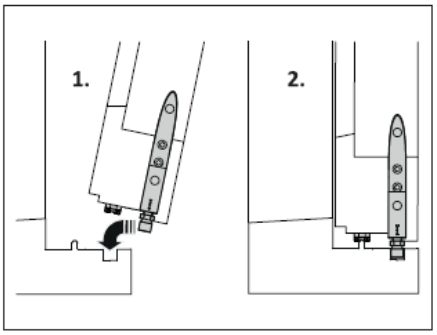
Inserting the sliding sash



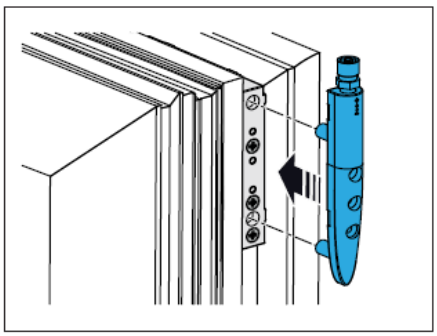
1. First, remove the M662 cap ② ① and then the clipped or visibly screwed cover profile from the sliding sash.



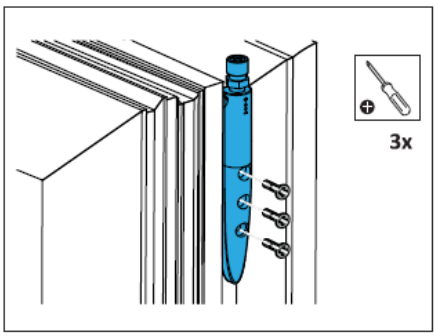
2. Before inserting the sash, adjust the roller unit in the case. The roller unit must be positioned facing the frame/casement.



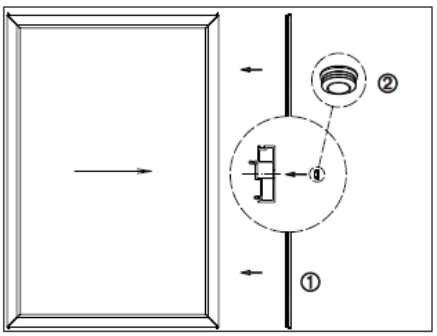
3. Lift the sliding sash onto the frame/casement. The guide elements must engage in the guide groove.



4. Place the guide elements on the **upper** fastening angles.

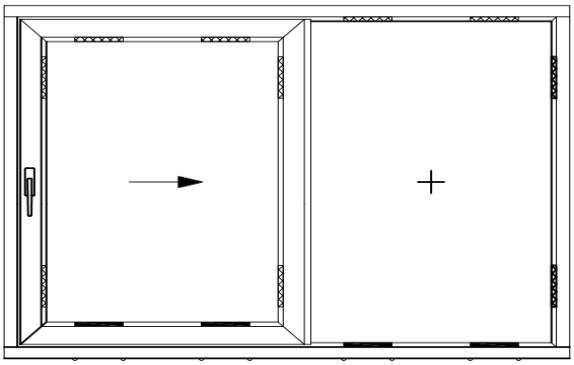


5. Screw the guide elements to the fastening angle with the M4x14 screw. The guide elements must engage in the guide groove.



6. Reattach the cover profile ① to the sliding sash. Finally, place the M662 cap ② on the sliding sash cover profile.

4.0 Shimming the glass unit



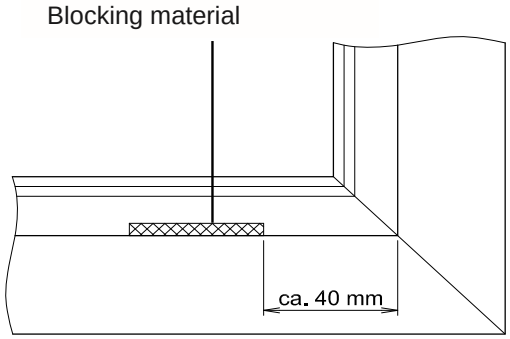
= Bearing blocks

= Spacer blocks

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.

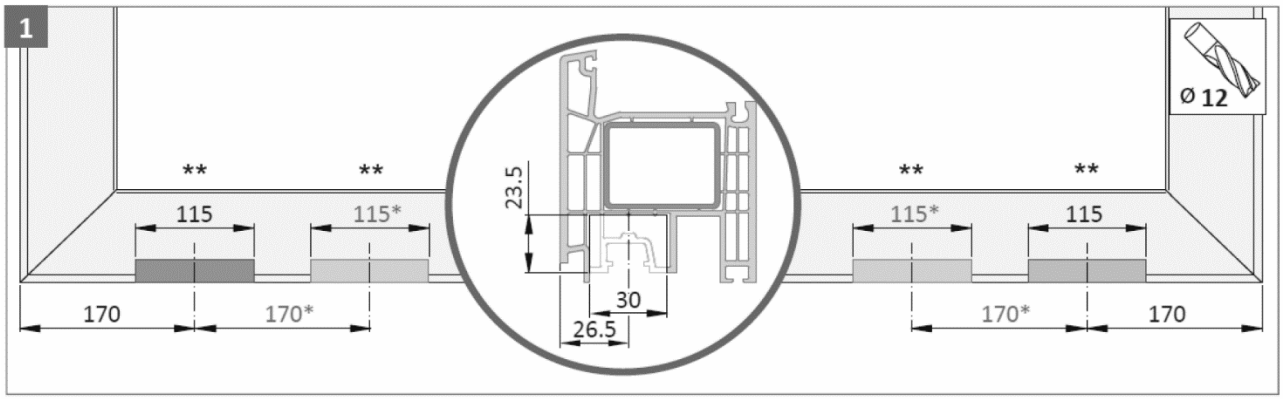
Attention: For glass unit edge lengths from 1300 mm, an additional spacer block must be provided in the centre.



Ancillaries: **M137** clip-on bridge blocks
Blocking material:
Block length = 100 mm
Block width = min. 2 mm wider than the insulating glass unit.

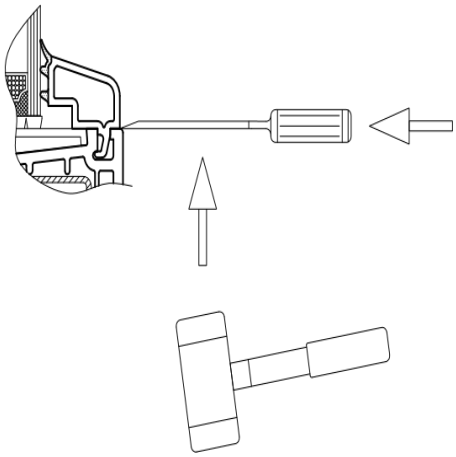
The overall thickness of the insulating glass unit must rest on the bearing blocks.

Bogie wheels ES



* Additional bogies are only required from 150 kg sash weight.
** When glazing, always place bearing blocks directly above the bogie wheels.

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

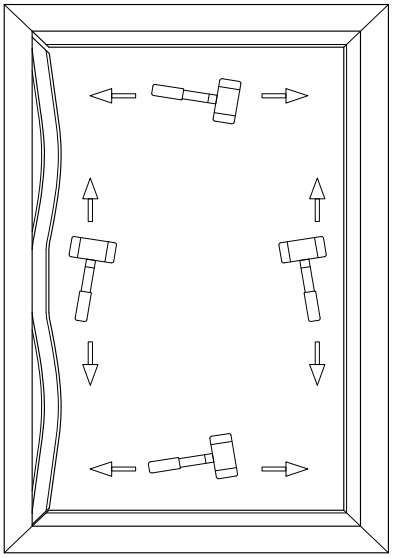


Fig. 4 Installing the glazing beads

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 installing the glazing beads ensure that the sash profile members of the sash 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!