

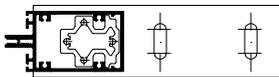


General information about completion of delivery:

- HelAlu facades arrive unglazed from the factory and assembled in segments as much as it is possible. Glass units arrive packed separately in the boxes. We recommend to leave glazing for the final stage, after all aluminium segments will be assembled. It will limit risks of glass units breakage while other trades use the entrance area.
- Anchors are prepared in the factory and required quantity is packed to the order.
- Preparation and insulation of openings of the building should be defined before installation works. It is responsibility of the customer, architect, and dealer.

NB! Flat bars of the anchors at the bottom must be placed on the building construction completely by its full length. Avoid direct contact of the flat bar with steel, insert between these materials is required. Screws for fastening anchors to the building construction must be calculated by the building designer, evaluated by actual forces before placing the order. Actual forces of the façade are submitted by manufacturer.

Installation material:



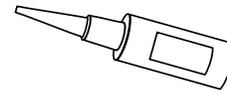
1. Mounting anchors

(Included in delivery)



2. Screws

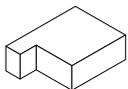
For fastening transoms to mullions
(Included in delivery)



3. Sealing compound

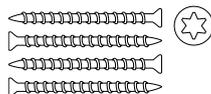
P/N 12220

(Included in delivery)



4. Rebate filler

(Included in delivery)



5. Screws

For fastening anchors to the building construction.
(Not included in delivery)



6. Fixing units

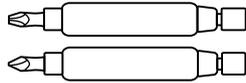
Spacer sleeve and screws.
(Included in delivery)

Installation tools:

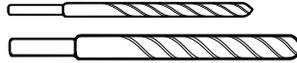
(Not included in delivery)



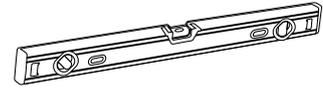
1. Cordless screwdriver



2. Magnetic bits Tx25



3. Drill

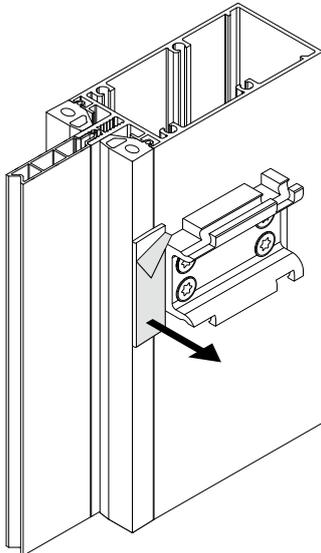


4. Spirit level

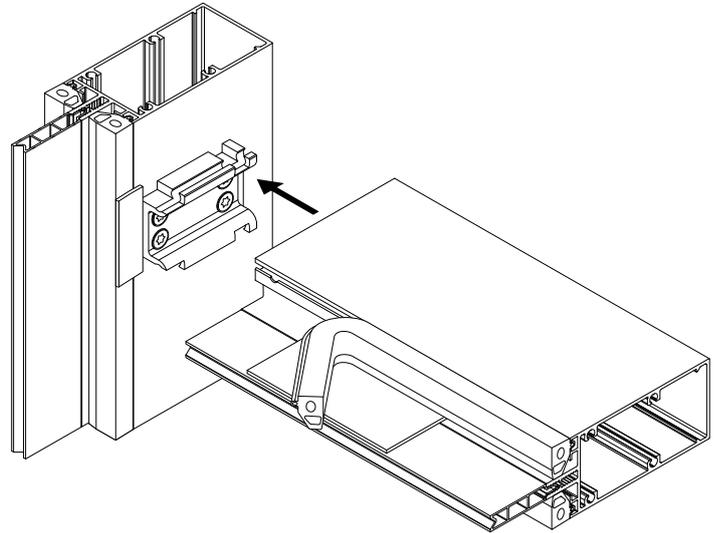
ASSEMBLY

You must fit missing transoms on the installed bar cleats:

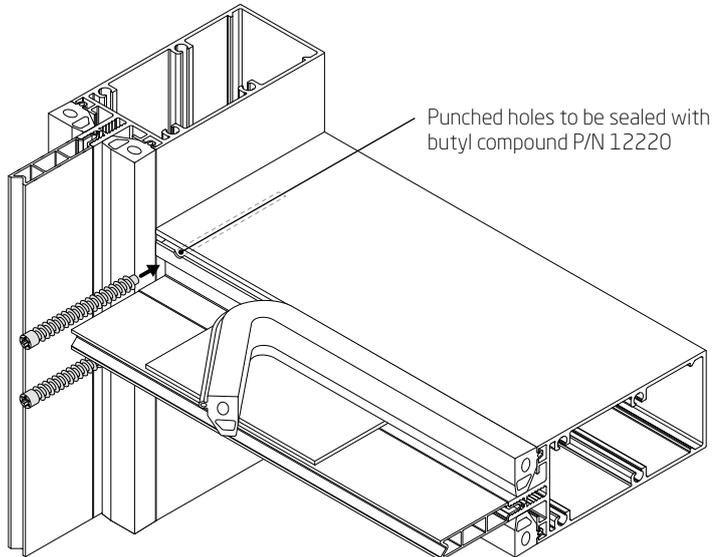
Step 1. Remove protection tape from the double butyl seal.



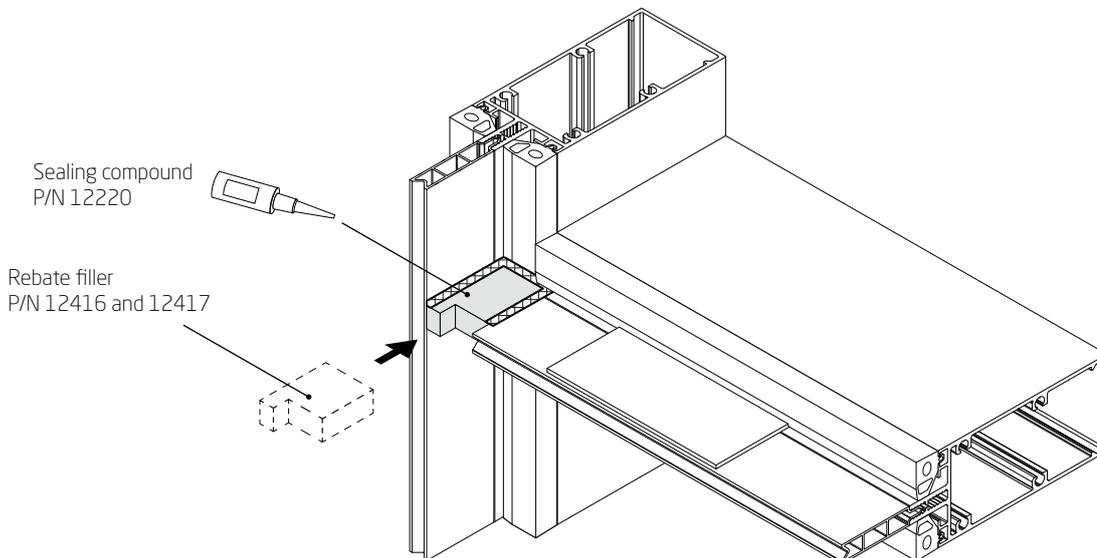
Step 2. Fit transom on the bar cleat, pre-compress the joint by clamping before fitting the screws. Release the end of the gasket.



Step 3. Fix the screws, seal punched holes with butyl compound P/N 12220, which is supplied together with the order. After fixing the screws the gasket must be fitted back to the place.



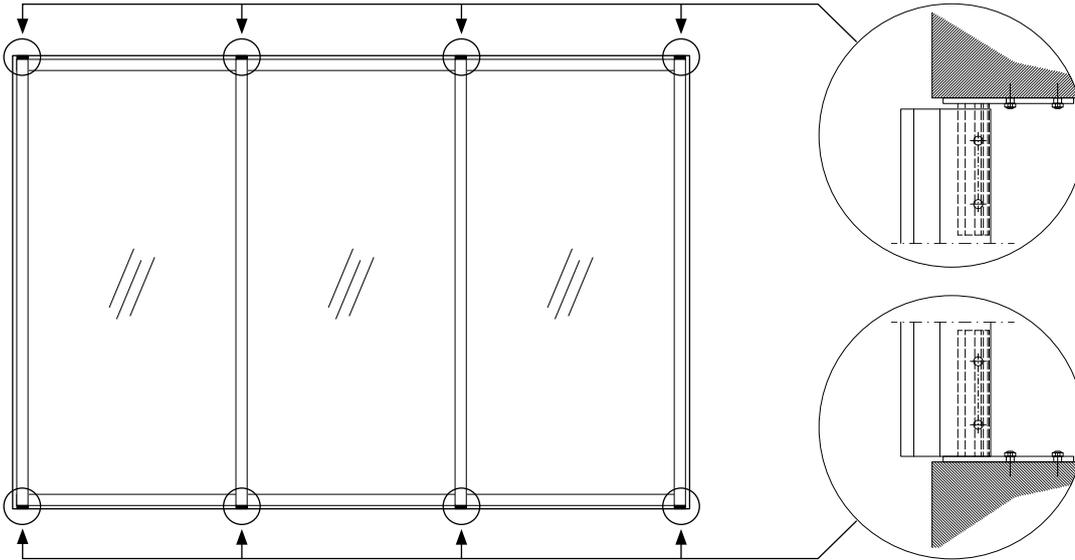
Step 4. Insert rebate filler between transom and mullion. Rebate filler is supplied with the order. Rebate filler must be sealed with butyl compound P/N 12220.



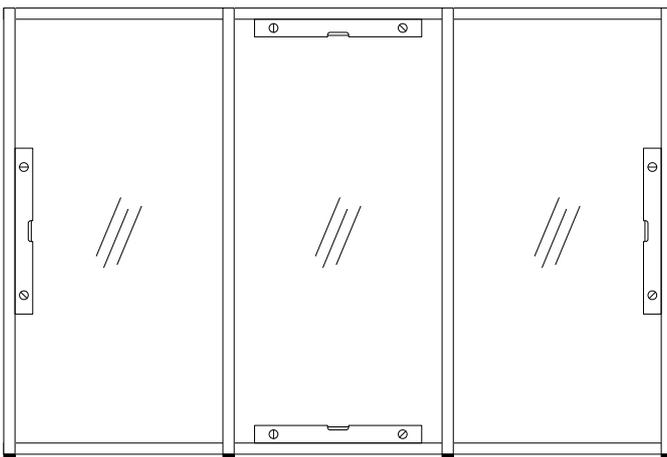
Step 5. Proceed same actions with all the mullions of the construction.

INSTALLATION

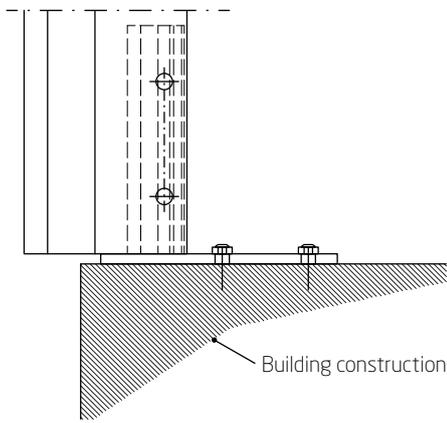
Step 1. Anchors are prepared in the factory and required quantity is packed to the order. Place anchors in to each mullion at the bottom and top.



Step 2. Ensure horizontal and vertical leveling of the profiles.

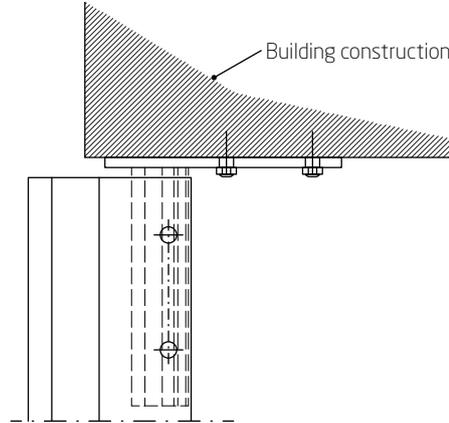


Step 3. Fasten the anchor with the mullion at the bottom and top with a help of fixing units. Holes in the mullion are predrilled in the factory (location of the holes is specified by the customer before delivery).



Bottom fastening

NB! Ensure mullions of the construction at the bottom are fully rested on the flat bars of the anchors.

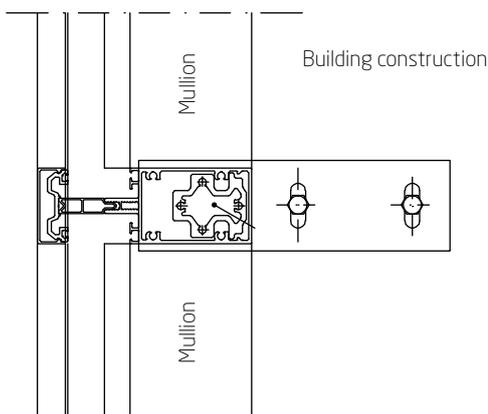


Top fastening

NB! Check if fixation at top has flexible joint. Holes in transom must be prepared from the factory, allowing movement.

Step 4. If size of the construction doesn't allow to fix the whole product, it can be done joining the segments (follow recommendations in Assembly chapter).

Step 5. In case of fixation at sides – place anchors at both ends of the profile and make sure there is enough space of building material for fixing.



Fixation at side. Position and type of screw must allow thermal movement.

Step 6. Fix to building constructions and partitions with screws. Dimension of screws must be in accordance to actual forces.

Step 7. Glaze the assembled facades by following our glazing manual in the website. If needed, install windows and doors by following our recommendations in manual „Façade glazing and/or windows and doors installation and sealing“.