

FIXING WALL PANELS WITH A SCREW CONNECTION, EXPANSION AND FIXATION POINT

Fixing wall panels with a screw connection seems so self-evident and yet it often goes wrong.

This fastening method also requires a high degree of care:

The screw dimensions 4.8 x 38 or 4.8 x 25 mm are used as standard for fastening.

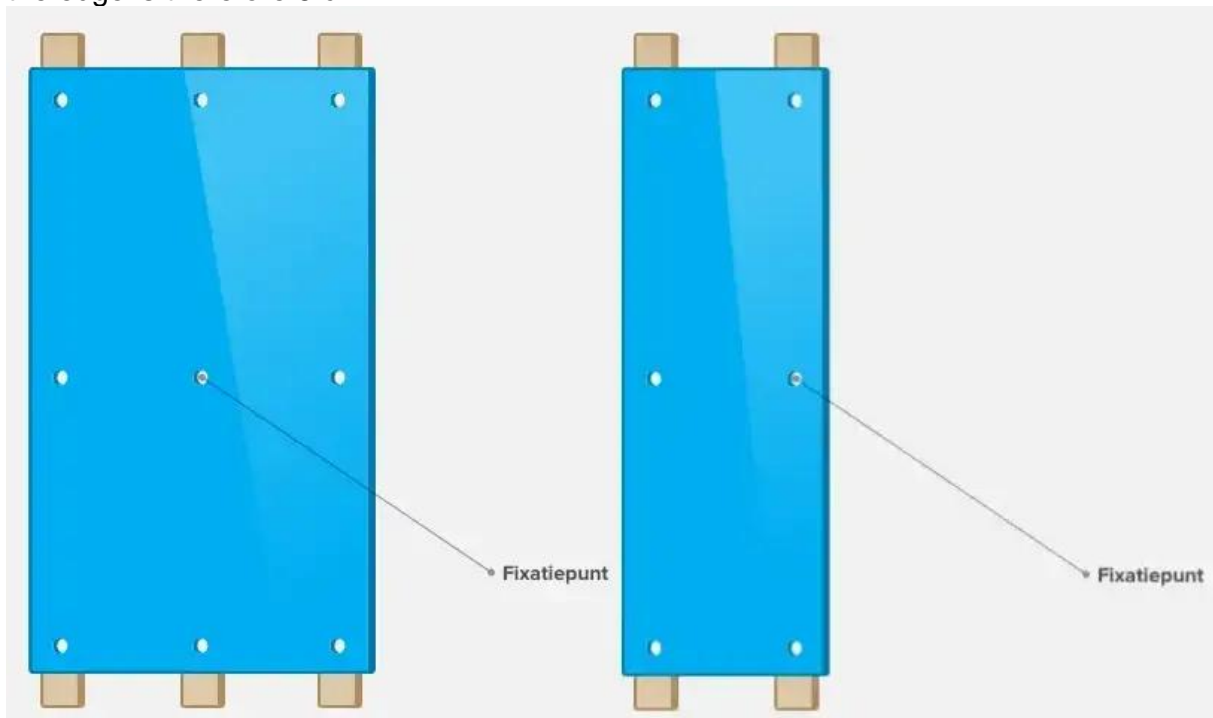
When screwing the facade cladding panel, keep one screw hole in the middle of the panel (for an odd number of screw lines) or halfway along its greatest length (for an even number of screw lines) with a diameter of 5 mm as the fixing point.

This screw is leading for the horizontal and vertical positioning of the slab, and therefore also for the direction of expansion.

All other screw holes, on the other hand, must have a diameter of 8 mm and there the screw must be positioned perpendicularly and centrally in the middle of the pre-drilled screw hole. This creates enough space around the centrally placed screw to allow the sheet to expand.

Therefore, do not tighten the screws too tight (hand-tightening is sufficient).

Drill the screw holes at least 20 mm from the edge of the sheet and a maximum of 10x the sheet thickness. For example in case of a sheet of 6 mm, the maximum distance to the edge is therefore 6 cm.



Critical points of attention which do not hinder the bonding of wall cladding panels. In addition to the aesthetic advantages, it is also a more technical and practical solution!