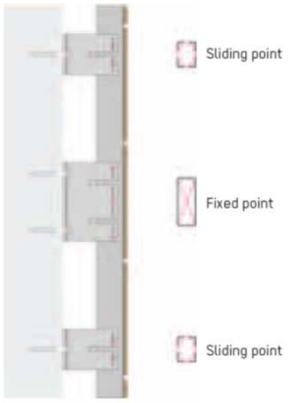
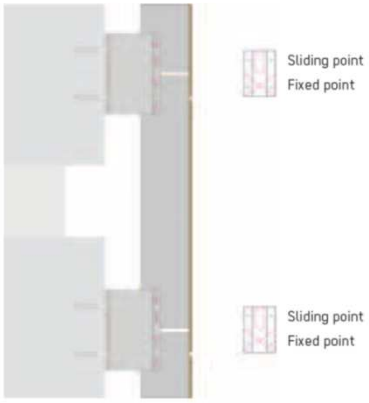
Installation Guideline

ALLFACE
Smart Fixing Systems

SYSTEM F1, F2, F4

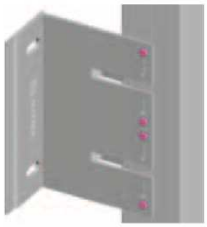


SYSTEM F3



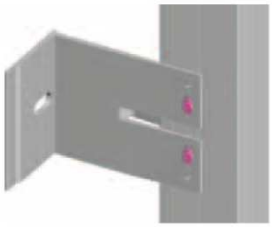
THERMAL LINEAR EXPANSION

When mounting vertical or horizontal systems, temperature-related linear expansion of the profiles must be taken into consideration. For this reason, the elongated holes of the wall brackets allow for thermal expansion of the section. The length of the profiles is determined by the storey- height or panel separation.



FIXED POINT

The fixed point passes the dead weight and wind loads to the load-bearing wall. The connection between the wall bracket and profile is therefore immobile when fixed though the "round holes".

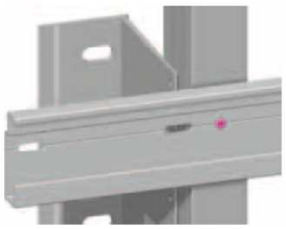


SLIDING POINT

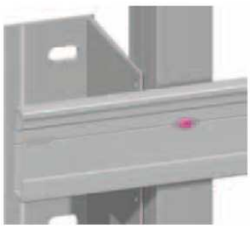
In contrast, the connection between a sliding point and the profile is designed to be a sliding connection in elongated holes. As a result, the profile allows for thermal expansion and contraction with no jammed connections.

For a sliding point, only wind pressure loads are passed to the load bearing wall.

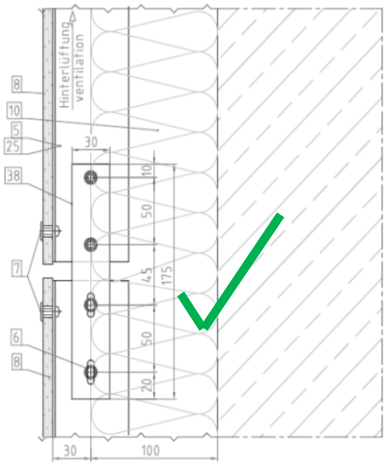
For connections of primary profiles and carrier rails, fixed and sliding points are also used for fastening.

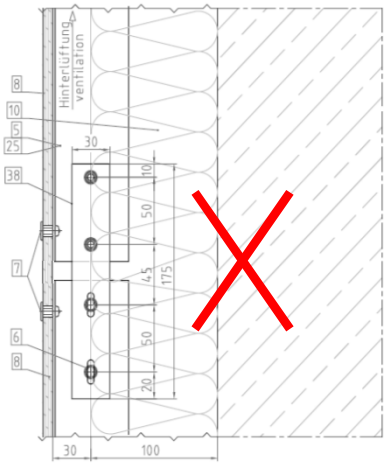


FIXED POINT



SLIDING POINT





Allface is using aluminium - brackets made out of EN AW 6060.T66 and
- rails made out of EN AW 6060.T68

The guidelines of the panelproducer must be observed.

The warranty applies only when the entire used substructure was purchased by Allface.