W58-K

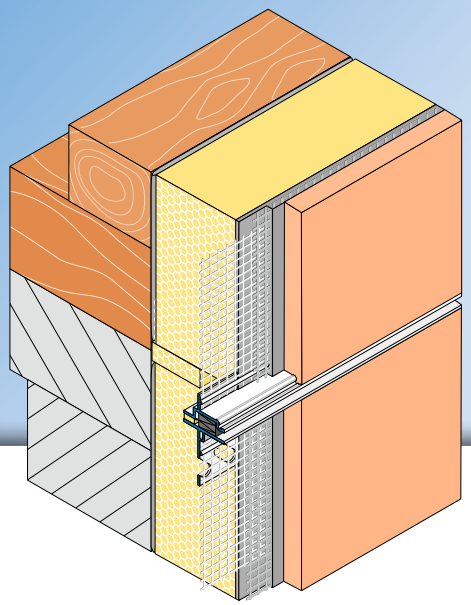
APU®

PROFILES FOR EXTERNAL THERMAL INSULATION COMPOSITE SYSTEMS (ETICS)

Slide bearing profile

PUR-FIX-K

for scraped render



The **APU slide bearing profile PUR-FIX-K** is used in external thermal insulation composite systems on buildings with differing construction materials (e.g. timber extensions on masonry structures).
Its decoupled design allows for building movement to be absorbed without damage (up to 4 mm compression and 2 mm shear).

The profile consists of two rigid PVC sections, each fitted with a mesh strip. Each bar has a mesh overhang on one side of 10 cm in the lengthways direction.

A pre-compressed PUR sealing tape is integrated into the profile. When the red activation strip is removed, the tape expands to accommodate movement and provide sealing that is resistant to driving rain. The PUR sealing tape is pre-inserted along the length of the profile and includes a projection for joint sealing. Profiles are aligned precisely using the supplied plug connectors (Z14). After completion of the plaster, a clean render separation joint is formed that is suitable for scraped render.

FITTING TIPS

Fitting

1. Fit insulation as per manufacturer's specifications.
2. Adjust joint to suit the slide bearing profile. (Joint height 10 mm)
3. Apply adhesive mortar approx. 15 cm above and below the joint, then insert the profile between the insulation. Embed the mesh in the adhesive mortar (and additionally fix with plastic pins if required).
4. Apply render in accordance with the manufacturer's instructions.
5. After rendering, remove the protective strip and pull out the red activation tab.

JOINT CONNECTIONS

1. Cut the profile to length using suitable trimming shears.
2. Connect profiles using the Z14 plug connectors supplied (trim any excess PUR sealing tape if necessary).
3. Measure the joint area in the lower insulation layer and seal with an appropriate sealant
4. before inserting the profiles. Ensure the sealant completely closes the joint area.

Important information

- Applications not clearly described in the documentation may only be carried out after consulting the render or ETICS system manufacturer.
- When the work is being done, the surface temperature must be at least +5 degrees and must not exceed +40 degrees.
- After being set in place on the structural element, profiles with a mesh vane must be promptly embedded. Until then they must be protected from the impact of weather.
- The surface mesh applied afterwards must extend right up to the edge strip of the profile.

Details