

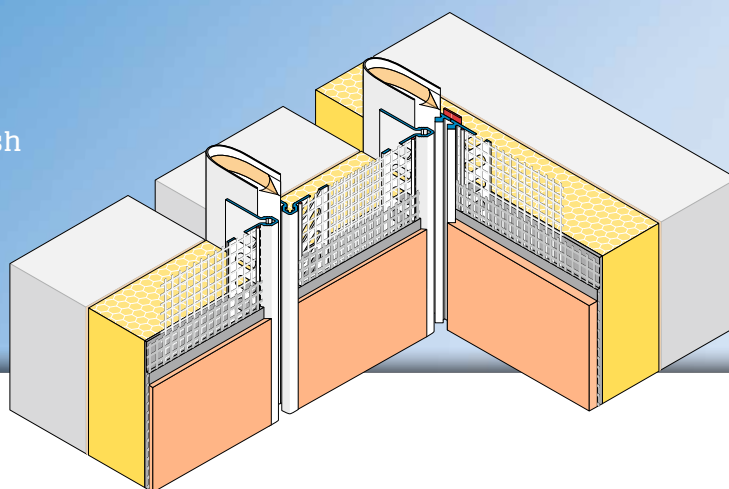
# APU®

PROFILES FOR COMPOUND HEAT INSULATION SYSTEMS

## Expansion joint profile

# DUO-TEX

Corner and flat surface  
for fine plaster with 12.5 cm mesh



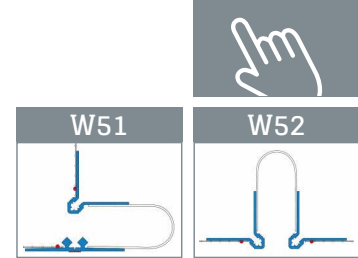
The **APU expansion joint profile DUO-TEX** is used in compound heat insulation systems at vertical building joints. For the flush formation of a clean plaster edge, the profiles for surface areas (W52) and for inner corners (W51) are made.

The profile is made up of 2 plastic profiles, to each of which a strip of mesh is welded. Each bar has a fabric overhang on one side of 10cm in the lengthways direction. Between the profiles there is a mesh-reinforced connecting lug made of soft PVC for absorbing movements. On every bar the

connecting lug has a projection of c. 5 cm, so that the profiles are worked on in the area where the pieces abut in overlapping fashion and it is ensured that water gets guided away. The profiles can be connected flush with each other using the plug connectors (Z13) provided.

What is created after completion of the plastering work is a clean termination of the plaster.

In order to visually cover up the expansion joints, the cover profiles (Z22-F for flat surfaces and Z22-E for corners) are used. These can be painted over using acrylic paints.



## Fitting

- ❶ Fit insulation as per manufacturer's specifications.
- ❷ Using appropriate trimming shears with supporting surface, cut profile to the desired size.
- ❸ Apply c. 15 cm of reinforcement base plaster to the left and right of the insulating material joint.
- ❹ Starting from the bottom, embed profile into the reinforcement base plaster across the whole area, and align flush. The profile can additionally be fixed in the insulating material using the plug connectors provided (Z13).
- ❺ After the reinforcement base compound sets, the plug connectors can be pushed completely into the insulating material or taken back out.
- ❻ Pull handling strip of the connecting lug's adhesive tape down a bit and guide the next expansion joint profile into the lower profile's connecting lug. Using plug connectors (Z13), connect the profiles and align.
- ❼ Now, pull the cover tape down and completely off the connecting lug and to form the seal push the lugs against each other.
- ❽ Embed the mesh into the reinforcement base plaster, pull up to the plaster edge and trim.
- ❾ After every application of plaster, clean the visible side of the profile with a damp sponge.
- ❿ After leaving to stand for the required time, apply final render.
- ⓫ If necessary and for protecting the joint, the expansion joint profiles can be covered with cover profile (Z22), which can be painted over.

## Important information

- Any applications not clearly described in the documents may be implemented only after consultation with the plaster or ETICS 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 weather.
- The surface mesh to be subsequently attached must be run up to the skimming edge of the profile.
- The processing guidelines of the plaster manufacturer shall be complied with.