Profiles for external thermal insulation composite systems "ETICS"



## APU Base Rail SOLI-TEX

Base Rail System made of plastic + Connecting Profile with fabric and waterguiding Drip Nose



Base Rail made of plastic with stepped bending to take up its counterpart self-adhesive Connecting Profile with fabric (fabric width 12.5 cm) and Drip Nose. Suitable for insulation thicknesses of 50-200 mm in the ETIC system with rigid foam/mineral fiber boards and fabric layer with filler of 4–8 mm. For improved adhesion of the fillers the transition to the Drip Edge is grooved.

The plastic Base Rail is fastened mechanically with impact dowels, the enclosed Connection Profile with fabric is glued with the self-adhesive PE Sealing Tape onto the stepped bending, overlapping the contact area between the Base Rails at least 10 cm. The bended surface must be dry and free from dust. To align the profile with fabrics, lift off starter tabs of the Protective Paper from the self-adhesing Sealing Tape approx. 5 cm on both ends to the front of the Connecting Profile and align it with the insulation boards. Next step pull out the whole Protective Paper and press the profile W60 firmly down against the Base Rail. Using the Rail Connectors Z61 and the Plug Connectors Z13 the components are joined together fitting flush. Corners are formed with the Corner Elements Z18-0-i/-a for inner/outer corners.

#### **Delivery form:**

Base Rail System W61 with self-adhesive W60 Connecting Profile SOLI-TEX (Plug Connectors and Rail Connectors are enclosed) S61 10 rails of 2.00 m = 20.00 m optional outreaches from 50 to 160 mm
W60 10 pieces of 2.10 m = 21.00 m (For details see next pages)



## **Application examples**

#### Processing





## **APU Base Rail System SOLI-TEX**

with accessories for insulation thicknesses of 50 to 200 mm

# Standard delivery components per packed unit W61

pack



for insulation thicknesses of 50–160 mm



W60 Connecting Profile

self-adhesive joint profile



#### 10 pieces of 2.10 m per pack

with fabric

**SOLI-TEX** 



#### **Z13 Plug Connectors** enclosed in a bag



#### Z61 Rail Connector H-shaped

for 2.5 mm profile wall thickness,

1-2 bars of 2.00 m, per pack, depending on the Base Rail outreach

#### Accessories optional



+ 40 mm 
hickness



#### W63 Extension

clasp-on profile for insulation thicknesses > 160 mm up to max. 240 mm (= 2 extensions) 10 pieces of 2.00 m

Z18-0-a Corner Element for outer corner

10 pieces/bag 10 bags/pack

# Z18-0-i Corner Element for inner corner

10 pieces/bag 10 bags/pack

#### **Application instructions**



To align the profile with fabrics/Connecting Profile, lift off starter tabs of the Protective Paper from the self-adhesing Sealing Tape approx. 5 cm on both ends to the front of the Connecting Profile (W60) and align it with the insulation board: Push the Connecting Profile under the insulation board (overlapping the contact area between the Base Rails). Pull off Protective Paper completely using the starter tabs and press the Connecting Profile and Base Rail together along their entire length.



Cut the corner parts of Base Rails in place using a Multimaster tool (type FEIN).



Cut the Extension W63 in the same way and clip it onto the finished mounted Base Rail S61 (first clip on one end, then press the extension towards the other end into position - see illustration - for easier working).



### **APU Base Rail System SOLI-TEX**

with accessories for insulation thicknesses of 50 to 200 mm

#### Possible profile combinations



Drip Edge (usage of Corner Elements **218-0** is possible)

#### optional



Extension for additional 40 mm insulation thickness example: 160 + 40 ≙ insulation 200

#### Mounting instruction

- Fix the Base Rail (2.00 m, 50–160 mm) (with impact dowel or similar). For a transition without displacement fix Rail Connectors Z61 between the Base Rails.
- 2 For insulation thicknesses > 160 mm use the Extension W63 (+40 mm).
- Mount the insulation board.
- 4 Mount the delivery included profile with the self-adhesive PE Sealing Tape on the bent tab of the Base Rails, offset at least 10 cm to the contact area between Base Rails as follows: The bending surface must be dry and free from dust. Pull the Protective Paper approx. 5 cm on the left and right, align the Connecting Profile with fabric between the insulation board and Base Rail. Press down on both sides, completely remove the Protective Paper, then press the Connecting Profile with fabric the Base Rail along its entire length.

5 Plug Connectors Z13 are used to make a flush fitting with the Connecting Profiles.

 Corners are formed using Corner Elements Z18-0.



