



THERMOMAX® BP

Aluminium Base Profile with Drip Edge

Product Description

THERMOMAX® BP is an aluminium starter profile with a drip edge, installed at plinth level beneath the first row of insulation boards in external thermal insulation composite systems (ETICS).

Fields of Application

- At the start of the first row of boards at plinth level in external thermal insulation composite systems (ETICS)
- At transition floors where the system ends at its lower edge, and beneath projections and cantilevers
- With EPS, XPS and mineral wool boards

Advantages

- Ensures the first row of boards starts straight and level, making it easier to align the rows above
- The drip edge sheds rainwater away from the façade and the lower edge of the system
- Protects the lower edge of the boards against impact and mechanical damage
- Aluminium does not rust and is corrosion-resistant
- Creates a neat, clean finish at the lower edge of the system

Technical Properties

General Information	
Profile material	Aluminium
Profile section	U-section with drip edge
Profile length	2.5 m
Performance Data	
Corrosion resistance	Aluminium; does not rust
Application Data	
Fixing centres	Max. 30 cm; approx. 5 cm from profile ends
Expansion gap between profiles	2 – 3 mm
Consumption	Equal to plinth line length (m/m)

Product Types

Product name	Suitable board thickness	Profile length
THERMOMAX® BP 50	50 mm	2.5 m
THERMOMAX® BP 60	60 mm	2.5 m
THERMOMAX® BP 80	80 mm	2.5 m
THERMOMAX® BP 100	100 mm	2.5 m

Application Instructions

Before Application

The profile type is selected according to the thickness of the insulation board; the inner width of the profile must match the board thickness. The plinth level is set out and marked horizontally along the façade with a chalk line or laser. The surface to which the profile is fixed must be sound and clean. Profiles are cut to length with a hacksaw or metal shears; burrs must be removed after cutting.

Fixing the Profile

The profile is placed straight and level along the marked line and fixed with suitable hammer-in anchors at centres of no more than 30 cm, and approximately 5 cm from the profile ends. Surface irregularities must be taken up with spacers; the profile must not be bent during fixing. A 2 – 3 mm gap is left between profiles for thermal expansion, and joints are aligned with profile connectors. At building corners, profiles are mitred or their flanges are cut and bent to form the corner.

Installing the Boards and Render

The first row of insulation boards is bonded with THERMOMAX® BOND 40 and seated fully into the profile; there must be no gap between the board and the profile. The base coat and THERMOMAX® RM 160 reinforcing mesh are brought down to the front edge of the profile. The drip edge must not be covered with render; otherwise it loses its function.

Storage Conditions and Shelf Life

Store in the original packaging in a dry place. Store the profiles flat on a level surface so that they are not bent or crushed, and do not place heavy loads on them. When stored correctly, the shelf life is unlimited.

Safety Precautions

Take care with sharp edges and metal burrs produced when cutting the profiles; wear protective gloves and goggles. Do not use bent or deformed profiles. Store out of reach of children.

Liability

Our company is responsible only for the quality of the product. Any use of the product outside the scope of the written technical recommendations, including incorrect application or use under unsuitable conditions, is entirely the responsibility of the user. For further technical information, please refer to the product catalogue or contact our representatives.

Packaging

Profiles 2.5 m long, supplied in packs

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