

IKO Etherm XPS Upstand Board

For use on upstands and parapet walls

Product description

IKO Etherm XPS Upstand Board is a laminate of IKO Etherm high performance rigid extruded polystyrene (XPS) with a tough, weather resistant facing board.

Applications

IKO Etherm XPS Upstand Board is used for the thermal insulation and protection at upstand, parapet walls and protrusions.

Standards

The extruded polystyrene content of IKO Etherm XPS Upstand Board is manufactured in accordance with BS EN 13164, EN 50001 Energy Management Systems, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by Bureau Veritas.

Environmental

IKO Etherm XPS represents no known threat to the environment and has zero Ozone Depletion Potential (ODP) and a Global Warming Potential (GWP) of less than five. IKO Etherm XPS is non bio-degradable and 100% recyclable.



Benefits

- Integral weather resistant facing
- Excellent thermal performance
- Easy to install one-piece facing and insulation solution

Thermal performance

The extruded polystyrene content of IKO Etherm XPS Upstand Board has a thermal conductivity of **0.033 W/mK**, the facing board has a thermal conductivity of 0.19W/mK.

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Product Code	Thickness (mm)	Thermal Conductivity (W/mK)	Thermal Resistance (m ² K/W)	Length (mm)	Width (mm)	Compressive strength (kPa)
31410056	50/6	0.033 / 0.19	1.50 / 0.031	1200	600	200

Fire Performance

The weather resistant facing board on IKO Etherm XPS Upstand Board is has a reaction to fire classification of A1 in accordance with EN13501:1-2007 & A1:2009

Moisture absorption

The extruded polystyrene insulation within the IKO Etherm XPS Upstand Board has a moisture absorption of 0.6% by volume when tested in accordance with EN 12087. The non-combustible facing has a water absorbent (Equilibrium to Saturation) of less than 25%.

Vapour resistance

The XPS content of IKO Etherm XPS Upstand Board has a water vapour resistivity of 625MNs/g.m when tested in accordance with EN 12086.

Handling and storage

IKO Etherm XPS Upstand Board is lightweight and easy to handle and install; the boards should be cut to size using a tungsten carbide tipped (TCT) saw, when cutting through the facing material it is advisable to wear a facemask. IKO Etherm XPS Upstand Board is supplied on pallets, labelled with identifying product and manufacturing data and wrapped in a polythene shroud for temporary protection during transit and on site. Ensure the boards are not stored close to open flames or other ignition sources, also avoid volatile compounds and chemicals such as solvents. IKO Etherm XPS products should not be left exposed to prolonged sunlight as this will result in surface degradation. Where outside storage for extended periods is required, cover with opaque/light coloured sheeting. The facing board on IKO Etherm XPS Upstand Board should have edges and corners protected to prevent chipping.

Installation

IKO Etherm XPS Upstand Boards should be loose laid over the roof waterproofing system and held in position at the base of the upstand by the inverted roof build up installed to the main field area of the roof. The top of the upstand board should be secured by a retention clip or suitable flashing arrangement

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