



IKO Enertherm XPS Upstand Board

Technical Data Sheet

April 2024

PRODUCT INFORMATION

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

Product Code	
Board Size	Length: 1200mm Width: 600mm Depth: 56mm*

* Depth inclusive of 6mm cement facing

STANDARDS

The extruded polystyrene content of IKO enertherm 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.

STANDARDS

The IKO enertherm XPS range of products has been independently assessed under the BRE's Green Guide to Specification, IKO enertherm XPS achieves a Certified Green Guide Rating of A. IKO enertherm 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 enertherm XPS is non bio-degradable and 100% recyclable.

FEATURES AND BENEFITS

- Integral weather resistant facing
- Capable of solving many design problems
- Excellent thermal performance
- Structurally stable
- Easy to install one-piece facing and insulation solution

APPEARANCE AND PERFORMANCE

Thermal Performance.

The extruded polystyrene content of IKO enertherm Upstand Board has a thermal conductivity of 0.033 W/mK, the facing board has a thermal conductivity of 0.47W/mK.

Durability.

The continuous service temperature limit of IKO enertherm Upstand Board is up to +70° C.

Moisture Absorption.

IKO enertherm Upstand Board has a moisture absorption of 0.6% by volume when tested in accordance with EN 12087.

Vapour Resistance.

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



APPLICATION

IKO Enertherm XPS Upstand Board is used for the thermal insulation and protection of upstand and parapet walls.

HANDLING and STORAGE

IKO Enertherm 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 Enertherm 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 enertherm 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 Enertherm XPS Upstand Board should have edges and corners protected to prevent chipping.



DISCLAIMER

Whilst every precaution is taken to ensure that the information given in this literature is correct and up to date it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded.

IKO reserves the right to amend and/or withdraw this document without notice.

Intending purchasers of our materials should therefore verify with the company whether any changes in our specification, application details, withdrawals or otherwise have taken place since this literature was issued.

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