

LAMELLA FIRE BREAKS

U-Spec Lamella Fire Breaks are manufactured from non-combustible mineral wool, and typically supplied in strip form in 200mm widths and 1200mm lengths, in a variety of thicknesses.

Application

U-Spec Lamella Fire Breaks are intended for use in External Wall Insulation (EWI) applications, where the main fabric insulation is a foam plastic insulant, such as XPS. They are typically used horizontally at each floor level where Building Regulations demand a fire break, and installed with the plane of the fibres at right angles to the plane of the wall. This provides improved compression resistance as an aid to subsequent over-rendering.



UPSTAND BOARD FOR PARAPET WALLS

U-Spec Upstand Board

U-Spec Upstand Board is a laminate of rigid, high performance extruded polystyrene (XPS) laminated to a weather resistant facing board.

Application

U-Spec Upstand Board is designed for the insulation of parapet walls and other vertical upstands in flat roof construction. It is intended to reduce heat loss from within the building through "cold bridging" via vertical elements such as parapet walls which, because of their integral connection with the general building envelope, would otherwise provide a route for heat loss conduction and condensation at "cold spots" within the building.

Dimensions

Typically 1200mm x 600mm, and with a laminate thickness of 56mm (50mm XPS and 6mm facing board. Other dimensions available on request.

Thermal Conductivity

XPS 0.033 W/mK; Facing board 0.300 W/mK

Fire Rating of the Facing Board

A1 Euroclass, non-combustible

Life Expectancy of the Facing Board

30 years minimum

