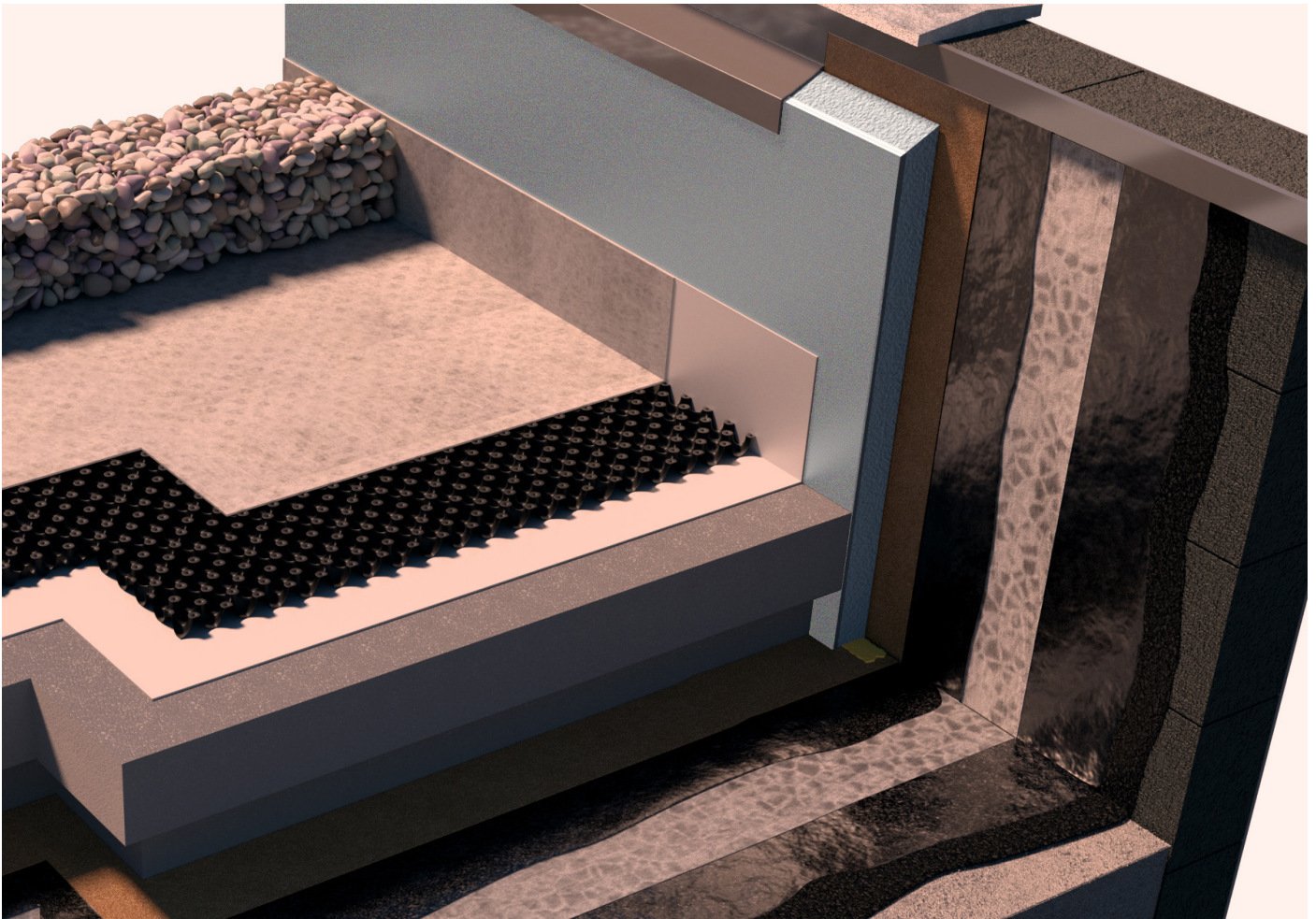


# XENERGY™ LG Upstand



An insulation board used to thermally insulate and protect upstand walls.

Manufactured by



# XENERGY™ LG Upstand Board

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## General Information

XENERGY™ LG Upstand Board is designed to be installed on parapets and upstands and assists in addressing the issue of thermal bridging on flat roof constructions. It is designed to be used alongside XENERGY™ SL-EP inverted roof insulation or any approved inverted insulation board.

XENERGY™ LG Upstand Board is 60mm thick and comprises of a 50mm thick XENERGY™ extruded polystyrene layer with a declared lambda value of 0.030 W/mK, and a 10mm thick grey coloured mortar topping that has already been applied to the boards.

XENERGY™ LG Upstand Boards lock together to provide a continuous insulation layer. They are light enough for one person to handle and can be easily cut and shaped on site with a mortar saw.

XENERGY™ LG Upstand Board can be easily fixed by using a suitable adhesive.

XENERGY™ products benefit from a manufacturing process which uses CO<sub>2</sub> as the blowing agent and adds infra-red blocking particles to scatter and reflect heat radiation within the foam board.

XENERGY™ products help decrease lambda values by up to 11% and deliver a Global Warming Potential (GWP) of less than five.

## Certificates

SO 9001@2008 Quality Management System, ISO 14001 :2004 Environmental Management System, EPD as per ISO 14025 and EN 15804.

## Delivery conditions

Delivery form

Shrunk wrapped on a pallet, quantity depending on board thickness.

## Storage and transport

During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources. This material contains a halogenated flame retardant additive system to inhibit accidental ignition from small fire sources.

## Product identification

Information on the pack; Product name. Dimensions. Approvals. Production date.

# XENERGY™ LG Upstand Board

## PRODUCT DESCRIPTION

Appearance top side	Grey Mortar
Core	Extruded polystyrene

## DECLARED PERFORMANCE

Property <sup>1</sup>	Performance	Unit	CE Code	Standard
Cell content	Air	-	-	-
Density	33	kg/m <sup>3</sup>	-	BS EN 1602
Declared thermal conductivity	0.030	W/(m.K)	λ <sub>D</sub>	BS EN 13164
<b>Mechanical properties<sup>2</sup></b>				
- Compressive stress or compressive strength at 10% deformation	300	kPa	CS(10\Y)	BS EN 826
- Dimensional stability under specified temperature and humidity conditions	≤5	%	DS(70,90)	BS EN 1604
<b>Other properties</b>	±2	-	-	-
Reaction to fire	E <sup>3</sup>	-	Euroclass	BS EN 13501-1
Length x Width	1200 x 600	mm	l x b	BS EN 822
Thickness	50mm XENERGY™ +10mm Mortar	kg/m <sup>3</sup>	T1	-
Edge profile	Long side: Tongue & Groove Short side: Butt Edge	-	-	-
Surface	Top surface: Mortar layer (10mm)	-	-	-

<sup>1</sup> The properties refer to thickness ranges mentioned in the table

<sup>2</sup> Measured in thickness direction of foam board

<sup>3</sup> No burning droplets

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