



### ShieldBOARD XPS Upstand Insulation and Cement Face

#### Description

ShieldBOARD XPS Upstand Insulation and Cement Face is designed to be used on flat roof features such as parapets and upstands. The insulation is made up of from XPS Insulation with a declared lambda of 0.030W/m.K, along with a 6mm thick grey coloured mortar topping that has already been applied to the boards.

#### Installation

ShieldBOARD XPS Upstand Insulation boards butt together to provide a continuous insulation layer. They are light weight and can be easily cut and shaped on site.

### TECHNICAL INFORMATION

Properties		Value	Unit	Standard	CE Code
Thickness		50, 75, 100, 125, 150	mm		
Thermal Conductivity Declared $\lambda$ D		0.030 < 60mm	W/m <sup>2</sup> K	EN 13164	$\lambda$ D
Compressive stress or compressive strength @ 10% deformation		300	kPa	EN 826	CS(10\Y)
Tensile Strength		300	kPa	EN 1607	TR
Water vapour diffusion resistance factor u (tabulated value)		300	kPa	EN 826	CS(10\Y)
Long term water absorption by total immersion		1.5	%	EN 12087	WL(T)
Dimensional stability under specified temperature (70°C) and humidity conditions (90%rh)		< 5	%	EN 1604	DS(70,90)
Coefficient of linear thermal expansion (typical value)		0.07	mm/(m.K)	-	-
Fire performance		E	Euroclass	EN 13501-1	-
Temperature limits		-50/+75	°C	-	-
Tolerances	Thickness	-0.5/+0.5	mm	EN 823	T3
	Width	-3/+3	mm	EN 823	-
	Length	-6/+6	mm	EN 823	-
Dimensions	Thickness	50	mm	EN 823	T3
	Width	600	mm	EN 823	-
	Length	1200	mm	EN 823	-
Edge profile		Butt edge			
Surface Finish		6mm fibre cement flat sheet			
Tolerances	Thickness	-0/+0.6	mm	-	-
	Width	-50/+75	mm	-	-
	Length	-50/+75	mm	-	-
Surface finish		6mm fibre cement flat sheet			
Fire performance		A1	Euroclass	EN13501-1	-

#### Disclaimer

The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure that they have the latest details. Shield Membranes reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice.

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