NoMorePly®
BoardingSystems

Built for **Performance**
***Trusted** in Every Layer*

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Technical Data

XPS 6mm **Insulation** Board

NoMore**Ply** XPS Insulation Boards are made of high-performance waterproof extruded polystyrene, there is approx. 1mm of coating on either side comprising a glass fibre mesh embedded in a polymer-cement mortar.

SKU	Size	Weight
5036	1200 x 600mm	1.5kg
5056	2400 x 600mm	4.5kg
Tolerance	+/-5%	
Test Standard	BS EN 13164:2012+A1:2015	

Properties of the Foam Component	
Density (1200 x 600mm)	350 kg/m^3
Density (2400 x 600mm)	200 kg/m^3
Thermal Conductivity	0.034 W/mK
Compressive Strength	Minimum of 0.3N/mm^2
Flexural Strength	0.30 ± 0.02 MPa
Water Absorption (2-day immersion)	0.2% by volume
Water Absorption (Capillary)	Zero
Coefficient of Linear Expansion	70 x 10-6 K-1
Water Vapour Diffusion Resistivity (μ)	110 - 225 μ
Water Vapour Permeability	0.028 ng/Pa.m.s
EU controlled substances content	None

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Technical Data Continued

XPS 6mm Insulation Board

Properties of the Cement Coating	
Thermal Conductivity	0.034 W/mK
Compressive Strength	Minimum of 0.3N/mm^2
Bond Strength	0.3N/mm^2
Maximum Tile Loading Weight	62kg/m^2
Flexural Strength	0.30 ± 0.02 MPa
Water Vapour Permeability (Sd)	3.2m
Resistance to body impact	3 x 120N/m
Bending Stiffness, E(20mm)	601KNmm^2
Coefficient of linear expansion	30 x 10-6 K-1
Flammability	Class E
Impact Sound Reduction	dLw = 21
Shear Bond Strength	3.32kg/cm^2
EU Controlled Substances Content	None
Thermal Insulation Values	
R Value	0.18 W/mK
U Value (1200 x 600mm)	5.55 W/m^2 x K
U Value (2400 x 600mm)	2.70 W/m^2 x K
λd Rated Value	0.034

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