

## Tile it • Plaster it • Render it



**Tiles** - Ultimate substrate for tiles. Hold up to 100kg/m<sup>2</sup>



**Plaster** - No need to PVA, plaster directly onto them



**Render** - Will support many different types of render

Marmox Multiboard: The tried and trusted construction material which merges water proofing, insulation and structural strength into a reliable, BBA certified board. Lightweight and easy to cut with minimal dust, it accommodates tiling, plastering, and rendering, both indoors and outdoors.

### Why use Marmox Multiboard?



#### FULLY WATERPROOF

Fully waterproof means that no water at all can be absorbed into the core and Multiboard won't warp or degrade in wet areas.



#### HIGH INSULATION

Marmox Multiboards (10mm and thicker) are CE-marked, rigid, insulation boards with thermal conductivities between 0.033 to 0.036W/mK.



#### TILE, PLASTER OR RENDER

As well as having multiple properties, Marmox Multiboard can be covered with multiple different finishes. BBA certified to accept tiles, plaster or render.

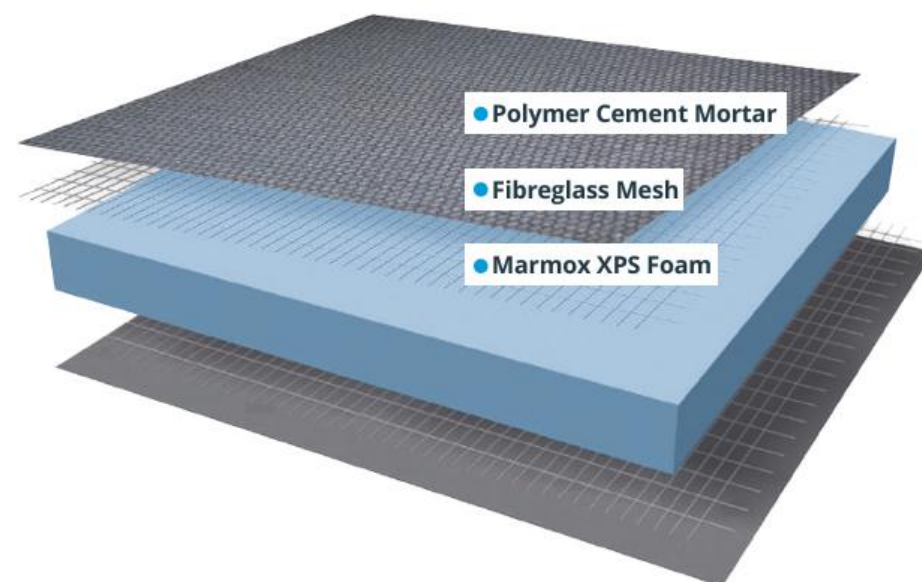


#### LIGHTWEIGHT & EASY TO CUT

Significantly lighter than most alternative boards, such as cement-based or plasterboard, allowing for easy installation. Easy and clean to cut.

### What is it made from?

Extruded polystyrene foam (XPS) which is reinforced with a fibreglass mesh and then embedded in a cement polymer mortar, covering both sides.



#### LOADING CAPACITY EXCEEDS 100kg/m<sup>2</sup>

Marmox Multiboards fixed to a masonry wall with a continuous bed of tile adhesive can achieve loading capacity exceeding 100kg/m<sup>2</sup>.



#### NO TANKING MEMBRANE REQUIRED

The XPS core of Multiboard is entirely waterproof and requires no additional tanking membrane in wet areas. All joints should be sealed with Marmox S/A Waterproof Tape.



#### EFFECTIVE DECOUPLING

The combination of the rigid outer shell and the XPS core, which absorbs lateral movement, makes Multiboard an effective decoupling layer.



#### MARMOX LIFETIME GUARANTEE

Marmox product range comes with a Lifetime Guarantee for total peace of mind.

## Specification



Sizes & Weights					
Description	Size (mm)			Weight (kg)	R Value (m²k/w)
	Thickness	Width	Length		
Multiboard Short	4	600	1250	2.30	0.11
	6			2.40	0.17
	10			2.70	0.28
	12.5			2.80	0.35
	20			3.10	0.56
	30			3.40	0.83
	40			4.00	1.11
	50			4.20	1.39
	60			4.50	1.67
Multiboard Long	10	2400	2400	5.18	0.28
	12.5			5.37	0.35
	20			5.95	0.56
	30			6.52	0.83
	40			7.68	1.11
	50			8.06	1.39
	60			8.64	1.67
Multiboard Big	12.5	1200	2400	11.00	0.35
	20			12.00	0.56

## Quality Assurance



Technical Data		
Compressive Strength (at 10% deformation)	(EN 826)	400kPa (40 tonnes/m²)
Thermal Conductivity	(EN 13164)	0.034 Watts/mK
Water Absorption of XPS	(EN 12087)	<0.7%
Coefficient of Thermal Expansion	(ASTM D696)	8 x 10 <sup>-6</sup> K <sup>-1</sup>
Flammability	(EN 476-6,7) (EN 13501)	Class 0 Class E
ODP		zero
GWP		0.29
Maximum Tile Loading Weight	CMB 02/16	To the limit of the tile adhesive (typically 100kg/m²)
Declaration of Performance	XPS-EN13164-T1-CS(10Y)400-CC(2/1/10)115-WL(T)3	

Conversion to Square Metres (sqm)						
Thickness	Short Multiboards				Long Multiboards	
	Carton		Pallet		Pallet	
	Quantity	Sqm	Quantity	Sqm	Quantity	Sqm
4	10	7.5	300	225	-	-
6	8	6	240	180	-	-
10	6	4.5	150	112.5	150	216
12.5	6	4.5	120	90	120	173
20	5	3.75	80	60	80	115
30	4	3	60	45	60	86
40	3	2.25	45	33.75	45	65
50	2	1.5	36	27	36	52
60	2	1.5	30	22.5	30	43

Note: Big Boards are available in pallets of 40.