



MARMOX BOARD ULTRA

Water Vapor Proofing Boards

MARMOX BOARD ULTRA are made of extruded polystyrene foam boards, covered on both sides with special polymeric cement mortar, reinforced with alkali resistance glass fiber mesh providing a very special surface texture which ensures a good adhesion to tile adhesive

The extruded polystyrene foam boards are HBCD, CFC, HCFC-free. The boards are tough, extra light weight and water resistant. The surface is ready for tiling. The main advantage of MARMOX BOARD ULTRA is the extraordinary light weight and water vapor proofing properties. The boards are suitable for use as a substrate for tiles in dry as well as wet areas and very humid rooms. The boards are water impermeable and heat insulating. They are very easy to cut and to use and simple to install.

S_d value > 4,4 m.

Fields of applications

MARMOX BOARD ULTRA are specially made as tile backer for applications in dry as well as wet areas and very humid rooms.

Characteristics

- High compressive strength (withstands 30 t/m²) at 10 % deflection
- Rigid
- Very good water resistance properties
- Very good water vapor impermeability
- Excellent heat insulation
- Very easy to cut with a knife or saw



- Extruded polystyrene closed cell structure
- Extra light weight
- Environmentally friendly, it is HBCD, CFC and HCFC free

Property	Standard	Result
Thermal conductivity (5 years) of the foam	DIN 52612	0.034 + 0.02
Compressive Strength	DIN 53421	300 kN/m ² at 10 % deflection
Water absorption (capillary)	DIN 53428	Negligible
Flammability	EN 13501-1	Class E
Coeff. Of thermal expansion	ASTM D-696	30 x 10 ⁻⁶
S _d - value (water-vapor resistance)	12086	> 4,4 m M

Standard dimensions and weights **

Reference	Thickness (mm)	Width (mm)	Length (mm)	Weight kg / m ² (± 10 %)	
				Standard	MARMOX BOARD ULTRA
4 MB 125	4	600	1250	3.60	1.70
6 MB 125	6			3.70	1.75
10 MB 250	10			3.90	1.90
12.5 MB 250	12.5		2500	4.00	1.95
20 MB 250	20			4.25	2.25
30 MB 250	30			4.60	2.60
40 MB 250	40			4.95	2.95
50 MB 250	50			5.30	3.30
80 MB 250	80			6.40	4.35

** other dimensions upon request