



Floor insulation

Dramatically improve your underfloor heating!

40% of underfloor heating gets lost through concrete floors. Marmox Multiboards help prevent heat loss through the floor and will dramatically reduce heating costs! They are therefore ideal for use with under-tile heating systems. By using Multiboards in conjunction with underfloor heating, a warm floor can be achieved in as little as twenty minutes as opposed to several hours if they are not used. Marmox Multiboards are recommended by most leading underfloor heating manufacturers.



- reduce heat loss by up to 60%
- high thermal insulation
- load bearing - 30 tonnes/m²
- easy to cut with a saw or knife
- ready to receive tiles
- fully waterproof



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What are Multiboards?

Marmox Multiboards are lightweight, easy to handle, insulated boards made of extruded polystyrene and coated on each side with a close woven fibreglass mesh embedded in a cement polymer mortar. Multiboards are fully waterproof and therefore do not allow any water to pass through them in the way expanded polystyrene boards do. They are strong enough to support upto 3 tonnes/m².

Marmox Multiboard sizes

thickness (mm)	width (mm)	length (mm)	weight (kg)	R value
4	600	1250	1.81	0.10
6	600	1250	1.95	0.16
10	600	1250/2500	2.22/4.44	0.28
12.5	600	1250/2500	2.28/4.56	0.36
20	600	1250/2500	2.48/4.96	0.59
30	600	1250/2500	2.74/5.48	0.91
40	600	1250/2500	3.00/6.00	1.22
50	600	1250/2500	3.26/6.52	1.53
60	600	1250/2500	3.60/7.20	1.84

Technical data

Density	DIN 53420	36kg/m ³
Thermal Conductivity	DIN 52612	0.027 watt/mK
Thermal Conductivity (5 years)	DIN 52612	0.032 watt/mK
Compressive Strength	DIN 53421	3.0kg/cm ² (300kN/m ²)
Water Absorption (Immersion)	DIN 53428	0.02% by vol
Water Absorption (Capillary)	DIN 53428	Nil
Coefficient Of Linear Expansion		30 x 10 ⁻⁶
Flammability	DIN 4102	B1
	BS 476 Part 6,7	Class '0'