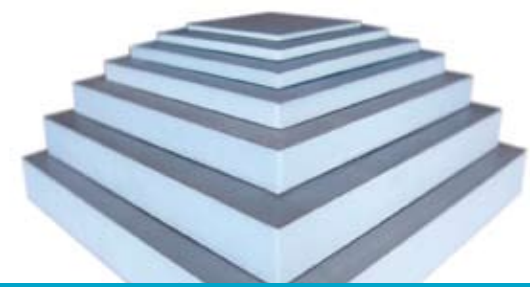


# m a r m o x BOARDS

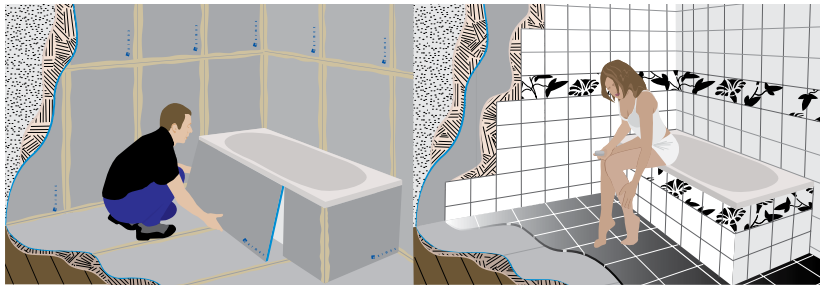
www.marmox.com



## What Is Marmox Board?

Marmox board is the perfect solution to insulate and waterproof in one operation. Ideal to use as an insulation board for most internal construction tasks. The board can be fixed to any suitable wall or framework of wood or metal. Lining a room with Marmox board can be a one man operation, as it is light to use and can be cut easily with a saw or knife. When fixed into place, the joints should be reinforced with a Marmox self adhesive fibreglass mesh tape. Tiling can then commence.

Marmox board helps prevent heat loss through concrete floors and is therefore ideal for use with undertile heating systems. When using Marmox board in conjunction with underfloor heating, a warm floor can be achieved in as little time as 20 minutes, whereas it can take two hours or more on a system without it. Most leading underfloor heating manufacturers recommend using Marmox board.



## Marmox Board Sizes

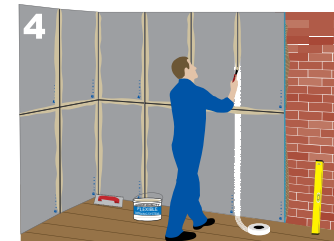
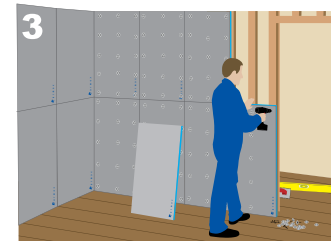
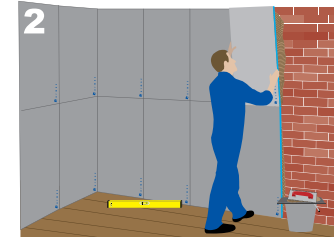
6	600	1250	1.95	4.50
10	600	1250/2500	2.22/4.44	2.70
12.5	600	1250/2500	2.28/4.56	2.16
20	600	1250/2500	2.48/4.96	1.35
30	600	1250/2500	2.74/5.48	0.90
40	600	1250/2500	3.00/6.00	0.67
50	600	1250/2500	3.26/6.52	0.54

## Marmox Board Technical Properties

Density	DIN 53420	36kg/m <sup>3</sup>
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 <sup>2</sup> (300kN/m <sup>2</sup> )
Water Absorption (Immersion)	DIN 53428	0.2% by vol
Water Absorption (Capillary)	DIN 53428	Nil
Coefficient Of Linear Expansion		30 x 10 <sup>-6</sup>
Flammability	DIN 4102 BS 476 Part 6,7	B1 Class '0'

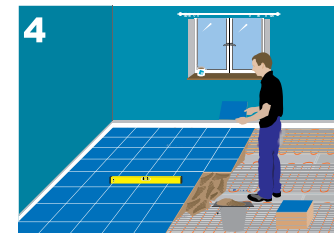
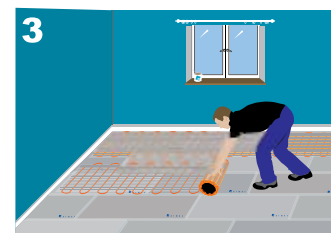
Disclaimer: The typical data shown in this leaflet is intended as a general guide and is based on tests carried out under controlled conditions.

## Wall Application



- Using a notched trowel, apply a bed of flexible tile adhesive (minimum of 6mm) to the wall.
- Offer boards up to wall and bed firmly into place.
- Waterproof using a silicon sealant along board edge and butt adjacent board up to it.
- For stud walling, vertical timbers at 300mm centres. All boards to be supported by 15 fixings per board (see diagram 3).
- When boards are securely in place (ie, adhesive dry or screw fixed) tape joints with fibreglass mesh tape.
- Prime boards with a pva wash 1/5 and apply plaster while still wet or tile and grout in the usual way.

## Floor Application



- Using a notched trowel, apply a bed of flexible tile adhesive to the floor.
- Lay boards on floor in a chequer plate fashion.
- For a wet floor area use a good quality waterproof compound or waterproof tape.
- For other areas tape all joints with a fibreglass mesh tape.
- Now lay any heating element and tape it into position. If desired.
- Again using flexible tile adhesive, tile the floor.
- Seek adhesive manufacturers advice for fixing to timber floors.
- **Note:** Tiles no smaller than 50x50mm should be used.