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**INSIDE**  
DISCOVER MARMOX  
APPLICATIONS TO BATHTUBS

ONE STEP WATERPROOFING & INSULATING

WATERPROOF BOARDS

ACOUSTIC INSULATION

HEATING INSULATION

**WATERPROOF  
BOARDS**

**ACOUSTIC  
INSULATION**

**HEATING  
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## BUILDING AROUND BATHTUBS

### MATERIAL REQUIRED:

- > 1 sheet of 30mm board for 1500mm bath tubs
- > Use 40mm board for 1650mm and over bath tubs
- > 3 pairs of **WB** and 1 pair of **PB**
- > 1 roll of fibreglass tape
- > 1 silicone cartridge

**PB**  
= PERPENDICULAR BRACKETS

**WB**  
= WALL BRACKETS

**SHEET SIZES**  
= 2500 x 600 x 30mm  
= 2500 x 600 x 40mm

Fix the **WB** brackets to the floor with galvanized screws.

Fix the **WB** brackets to the wall with galvanized screws.

Apply fibreglass tape to all the panel floor joints and panel wall joints.

Apply a layer of cement based tile adhesive to all the joints,

When the tile adhesive dries the bath is ready for tiling.

2 Cut the sheet in two panels to suit the two sides of the bath.

3 Push **WB** brackets firmly to the floor side and wall side of each panel.

4 Slide the boards into place around the bath tub.

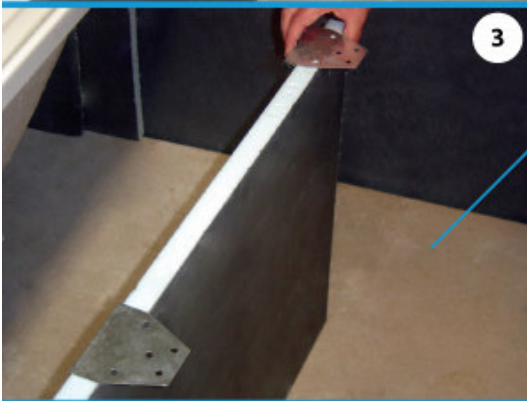
5 Apply a bead of silicone to all the joints. Use **PB** brackets to connect the two panels.

# BATH TUBS

### WHY USE MARMOX?

Quick and easy it takes just minutes to finish the job, waterproof and ready for tiling. The boards are lightweight and easy to cut with a standard saw, and its compressive strength is very high making it perfect for load bearing applications such as this.

Minimize handling and waste with just one sheet per standard bath tub.



### APPLICATIONS

- > Fix to timber and concrete floors
- > Fix to metal or timber stud walls
- > Level off uneven walls
- > Over existing tiles and plasterboard
- > Underfloor heating insulation saving heat up time and running costs
- > Enclosing bathtubs as shown
- > Enclosing complex shapes around spa baths
- > Constructing bathroom furniture, such as shelves, vanity units
- > Jagged boards for creating curved surfaces
- > Angle boards for enclosing pipes
- > Shower underlay to waterproof shower floors

### ADVANTAGES

- > One step waterproofing and insulation
- > Easy to cut with a knife or saw
- > Light weight can be carried by one person
- > Marmox is load bearing (30 tonnes/m<sup>2</sup>)
- > Marmox has a high flexural strength as a result of the reinforcement
- > Marmox has a high U value (2.7w/m<sup>2</sup> 10mm board)
- > Marmox will keep the room warmer and retain the heat longer
- > Environmentally friendly CFC & HCFC free
- > Marmox will reduce sound by (20 decibels)

### PROPERTY SPECIFICATION

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	B1, BS 476 Part 6,7, ClassO Fire Rating

### BOARD SIZES

	Thickness mm	Breadth mm	Length mm	Weight Kg/Board	U Value W/m <sup>2</sup> k
Marmox Board	6	600	1250/2500	1.95	4.50
	10			2.22 or 4.44	2.70
	12.50			2.30 or 4.60	2.36
	20			2.48 or 4.96	1.35
	30			2.74 or 5.48	0.90
	40			3.00 or 6.00	0.67
	50			3.26 or 6.52	0.54
Jagged Boards	20 long	600	2500		
	20 transv.		1250		
	30 long		2500		
	30 transv.		1500		
Angel Boards	20	150 x 150	1250/2500		
	20	200 x 200			
	20	300 x 300			
	20	400 x 200			

