

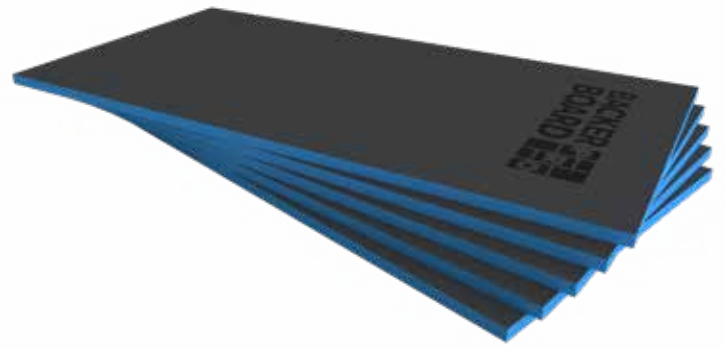
BACKER BOARD PRO

Backer Board PRO tile backer boards are designed to insulate and water proof walls and floors. Ideal for wet room installations, the boards can be used directly under tile, stone, wood and laminate floors. They can also be used under mosaic, vinyl and carpet flooring but must first have a 9+mm layer of flexible self levelling installed over prior to the vinyl or carpet being fitted. Our professional insulation boards come in 6, 10, 20 and 30mm depths. The steps here are to help guide you through the installation process.

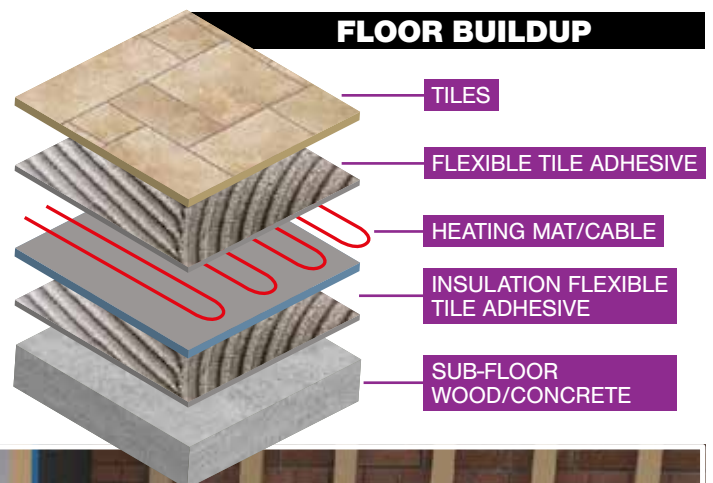
1: If you are screwing the boards in place or tanking a room please follow the instructions below.

2: The sub-floor or walls whether concrete, wood or plasterboard should be made suitable for the chosen wall or floor covering, (ie; tiles/laminate) prior to any boards being fitted. The boards are designed to provide increased insulation levels not structural rigidity.

3: Our tile backer boards can be screwed to walls and floors using suitable fixing discs and screws. The discs must be located at 300mm centres or closer, (minimum 15 fixings per 1200 x 600mm board). If the boards are to be screwed directly to stud walling the supporting studwork must be fitted at 300mm centres, (6mm boards are for floor only and not suitable for walls due to their insufficient structural rigidity).



4: Fit the boards to the wall / floor making sure to butt the boards tightly together to achieve a full floor / wall coverage. It is good practice to stagger joints between boards and if necessary a flexible floor adhesive can be used to fill any small gaps between boards. It is important the boards are fixed securely to walls and consideration given to the weight of subsequent wall coverings. On floors the boards are not designed to bridge gaps and must be screwed back tight to the floor surface to avoid any bounce as this could adversely affect subsequent layers.



FLOOR OR WALL: MAXIMUM OF 300MM BETWEEN FIXING CENTRES

5: If boards need to be cut to size this is easily done with a sharp Stanley knife.

6: If the boards are to be used to tank a room then we recommend the use of our Aqua Seal tape to be applied to all joints (as per the Aqua Seal jointing tape instructions).

7: Once the boards are fitted care should be taken not to apply excessive point loads to the insulation until the subsequent surfaces have been installed. Small dents and damage caused to the surface of the boards are quite normal and of no concern. If however the boards are to be left exposed for long periods of time or other work is to be carried out over the boards they should be covered with sheets of ply or other hard sheet material to minimize the chance of damage.

8: It is advisable to fit the final floor covering as soon as possible once the insulation has been installed. When fitting the chosen final floor covering it is advisable to work on top of a hard board. This will help prevent damage to the insulation when the work is being carried out.

9: Wood and Laminate Flooring. Both underfloor heating and wood type tongue and groove flooring can now be fitted directly over the insulation in accordance with the manufactures fitting instructions. Care should be taken to avoid leaving any high spots caused by the screws/fixing discs. If the screws/discs are a problem they can be screwed down further to pull them flush with the board surface. Make sure not to over tighten the screws/discs.

10: Tile & Stone Flooring. All tiles can now be fitted directly over the insulation. A suitable flexible tile adhesive should be used as directed by the adhesive



FLOOR OR WALL: MAXIMUM OF 300MM BETWEEN FIXING CENTRES

manufacture. The tiling should be carried out in the normal way making sure to fit the tiles with a full bed of adhesive, (never dot and dab tiles). If Mosaic tiles are to be fitted a scrim tape should be fitted over all board joints to provide extra support.

11: Vinyl & Carpet. When fitting non rigid sheet material over the insulation boards, first a 8mm layer of flexible levelling compound should be fitted over the insulation. This will provide protection from high point loads as it will spread the weight over the insulation surface allowing the subsequent layers to be fitted. The levelling should be fitted in accordance with the manufactures instructions. (In high traffic or commercial areas, all board joints should have a scrim tape applied prior to the levelling being fitted).

12: Wall tiles should be fitted in the normal way making sure to use a full bed of adhesive. The adhesive should be a flexible wall adhesive and applied / mixed in accordance with the manufacture's instructions.

Backer Board PRO - Specifications

Board Size:	1200 x 600mm
Coverage:	0.72 m ²
Thermal Conductivity W/mK	0.027 Prevents heat loss
Thermal Resistance m ² K/W	0.85 Blocks out cold
Fire Protection Class	BS 3837 B1 DIN British Standard
Compression Strength KPa 25%	400 A minimum of 40 metric tonnes, can be placed on 1m ² without damage
Water Penetration (96 hours)	0.00 Waterproof

