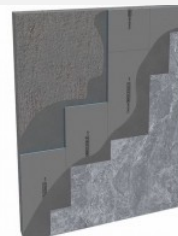
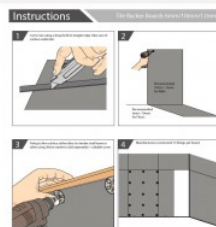


**Tile Backer Boards 6mm / 10mm / 12mm - Floor or Wall Hard Tile Backer
Insulation Cement Board 1200mm x 600mm****£6.99 £6.49****6mm
10mm
12mm****Waterproof Tile Backer Boards
VS
Hard Backer Cement Boards**

- Lighter
- Stronger
- 100% waterproof
- Ideal for underfloor heating
- Easier to carry (at least 10 at a time)
- Easier to cut (only requires a Stanley knife)
- Available in 6mm / 10mm / 12mm thicknesses

1200mm x 600mm

(The price is per board BUT we only sell them in packs of 5 so you must round up or down to the nearest 5 - 5, 10, 15, 20 - its not 5 boards for £7)

Due to the weight and size of the items, small boxed quantities may occasionally incur small indentations / cosmetic marks on the edge / corner / side of the outside board. This does not affect the structure of the board. For 99% of customers which have to cut the board anyway where it meets a floor, ceiling, wall and can be cut off. If this is likely to be a problem for concern for you please selected the palletised delivery at checkout or order and collect from your local retailer / stockist where you can collect the goods yourself.

[TILE BACKER BOARDS FOR WALL & FLOOR 6MM / 10MM / 12MM] Tile backer wall & floor boards are suitable for a range of applications such as tiling bathroom, kitchen, ensuite etc. - we recommend 6mm/10mm for flooring and 10mm/12mm for walls due to increased strength properties, even with large 1m x 1m tiles 12mm thick - Maximum Tile Loading Weight: 62kg/m² (CERAM121107)

[INSULATED XPS FOAM CORE & WATERPROOF] Hard backer board has great insulation properties to keep your tiles warm to touch as well as ideal for under floor heating application ensuring heat is retain within the room and thus making installations more energy efficient - U value as low as W/m² on 12mm tile boards

[EASY TO INSTALL SIZE ESPECIALLY IN SMALL BATHROOMS & EN-SUITES - 600MM X 1200MM] Tile backer comes in a convenient size for transporting up stairs and into narrow spaces such as bathrooms and ensuite rooms as well as suiting a range of stud centres such as 300mm, 400mm and 600mm without cuts

[CUTS WITH A STANLEY KNIFE] Tile backer boards cut with a sharp stanley knife & straight edge, saving time and money on expensive power tools as well as capable of cutting various shapes and sizes by hand such as cutting around pipes, furniture and appliances etc. & no pre-drilling required simply drill through with wood screws using 36mm steel washers (sold separately- recommended 15 washers per board sold separately as optional extra- screws not included, washer hole size is 5mm - recommend 3.5mm-4.5mm screws)

[FIBRE CEMENT BOARD FACE GIVING TILES BETTER ADHESIVE OVER TIMBER & PLASTERBOARD] Rigid cement board face gives great adhesive properties for tile adhesives over timber sheet and plasterboard, ensuring solid permanent adhesion reducing grout cracking by reducing excessive flex or movement. Whatsmore faced on both sides so can use adhesive to bond to solid walls and floors

THIS IS  WHOLESALE

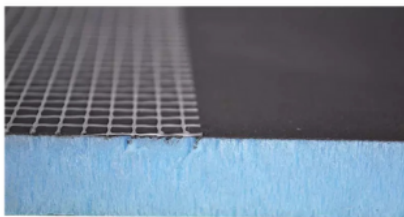
TILE BACKER BOARD



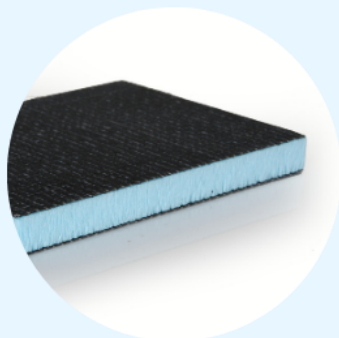
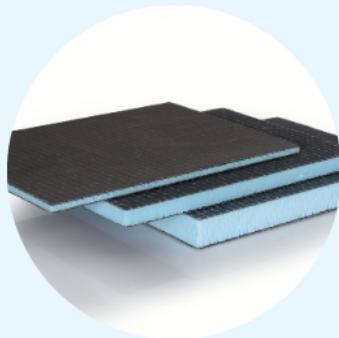
WHAT IS THE COMPOSITION OF OUR BACKER BOARDS?

Our Tile Backer Board is made by HCFC-FREE waterproof XPS core with cement mixed with sand that has a fiberglass mesh placed on each side.

It offers higher adhesion to tiles than either timber or plasterboard and has a high compressive strength of over 30 Tonnes per sq.m making it incredibly strong when tiled



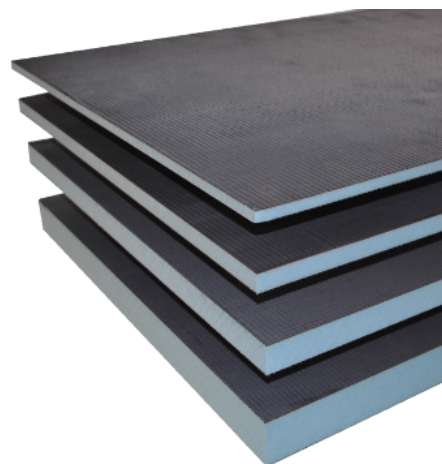
WHY USE TILE BACKER BOARD?



- Can be fixed onto almost any surface
- 1200 x 600mm +/-5% tolerance Boards (individual board size) which makes it very easy to transport and move around on site
- Fibreglass Mesh & Cementitious Coating Offers higher adhesion to tiles than either timber or plasterboard
- Water Proof - <0.1 vol % Moisture Absorption
- Has a high compressive strength of over 30 Tonnes per sq.m making it incredibly strong when tiled
- Compressive Strength (10% deflection to EN 826:1996) Minimum of 0.3N/mm²
- Density 36kg/m³ (DIN 53420)
- Bending Stiffness, E(20mm / 30mm) 601KNmm² / 1285 kN/mm²

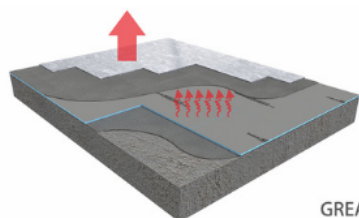
TECHNICAL SHEET

PROPERTY	ASSESSED TO	RATING
Xps foam Density	DIN 53420	32 ± 0.02 kg/m ³
Thermal Conductivity	EN 12167	0.033 W/m.K
Compressive Strength (10% deflection)	EN 826	300 kPa (30 tonnes/m ²)
Flexural Strength	ASTM C203	0.30 ± 0.02 Mpa
Water Absorption (2-day immersion)	ISO2896	0.2% by volume
Water Absorption (Capillary)	DIN 53428	Zero
Water Vapour Diffusion Resistivity (μ)	DIN 52615	110 - 225 μ
Water Vapour Permeability	ASTM E-96	0.028 ng/Pa.m.s
Maximum Tile Loading Weight	CERAM121107	62kg/m



GOOD INSULATION - REDUCING CONDENSATION

makes it a great surface to fit one of our electric underfloor heating systems onto & non-conductive surface reduces condensation by masking any cold bridging from the substrate beneath.

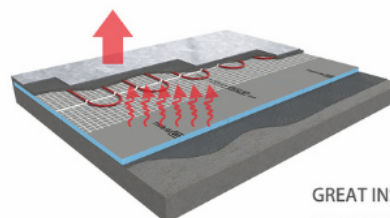
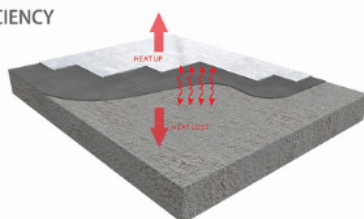


HEAT LOST

LOW ENERGY EFFICIENCY

VS

GREAT INSULATION
HIGH ENERGY EFFICIENCY

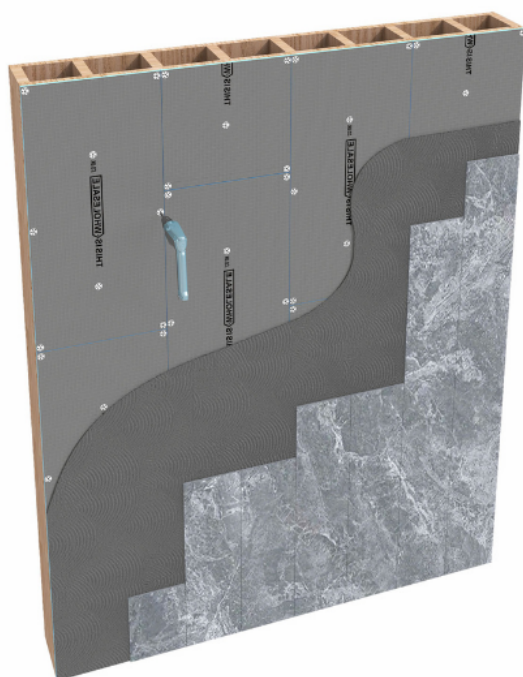
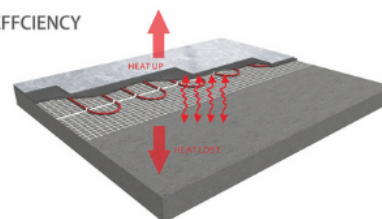


HEAT LOST

LOW ENERGY EFFICIENCY

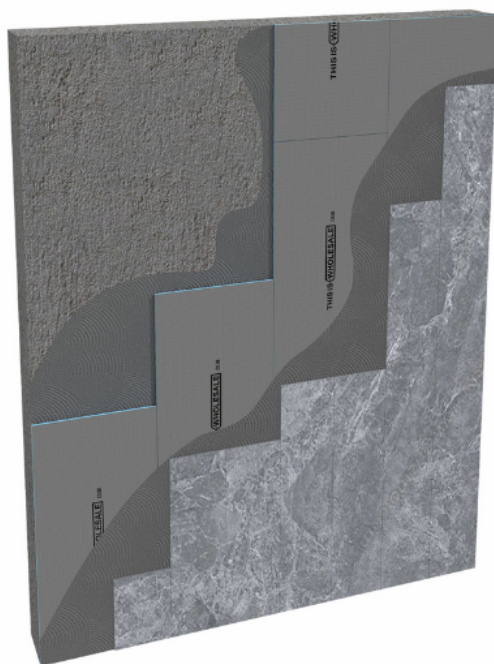
VS

GREAT INSULATION
HIGH ENERGY EFFICIENCY



WOODEN FLOORS / STUD WALLS

When installing onto wooden floors we recommend using insulation fixing washers & screws. Screws and washers must be fixed at minimum 300mm center's. This is approx 15 fixing per boards.



MASONRY SUBFLOORS / WALLS

When installing any type of tile backer board onto concrete sub floor we recommend using Flexible Tile Adhesive, please make sure the floor is primed with a suitable primer before installation.

Trade Tile Back Board Features & Benefits:

- 1200 x 600mm +/-5% tolerance Boards (individual board size) which makes it very easy to transport and move around on site - Pirce is for each board which is 0.72 sq m (you need 1.4 x boards to cover 1 sq m - we recommend ordering +10% to allow for wastage / offcuts etc.)
- 6mm Thick / 10mm / 12mm
- Good insulation - reducing condensation - makes it a great surface to fit one of our electric underfloor heating systems onto & non-conductive surface reduces condensation by masking any cold bridging from the substrate beneath.
- Fibreglass Mesh & Cementitious Coating Offers higher adhesion to tiles than either timber or plasterboard
- Can be fixed onto almost any surface
- <0.1 vol % Moisture Absorption
- Maximum Vertical Tile Loading Weight 62kg/m² (CERAM121107)
- Has a high compressive strength of over 30 Tonnes per sq.m making it incredibly strong when tiled
- Can be Tiled, plastered or cladding applied
- Offers fast creation of tiled partition walls anywhere within the home
- High compression strength and lightweight
- Additional waterproofing with SBR/Primer for peace of mind
- Compressive Strength (10% deflection to EN 826:1996) Minimum of 0.3N/mm²
- Flammability to EN 13501-1 Class E
- Impact Sound Reduction (BS-ISO140-8) 21 dLw
- Density 36kg/m³ (DIN 53420)
- Bending Stiffness, E(20mm / 30mm) 601KNmm² / 1285 kN/mm²

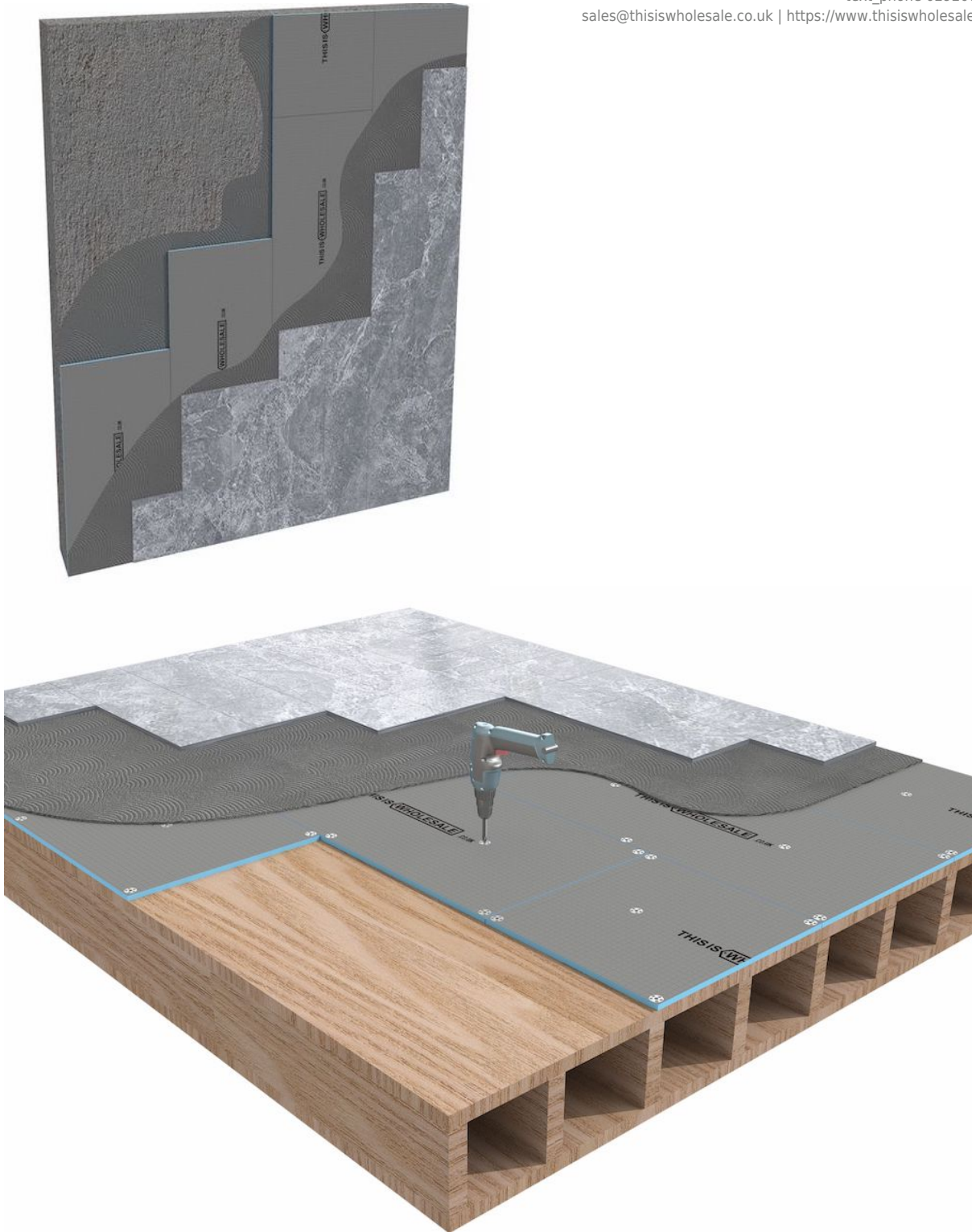
Number of Sq M Required (m ²)	No of boards Required
4	6
5	7
6	9
7	10
8	12
9	13
10	14
12	17
14	20
16	23
18	25
20	28
25	35
30	42
35	49
40	56
45	63
50	70

Boards are price individually and only sold in packs/multiples of 5 hence you may need to round up to the nearest 5 ie. 5, 10, 15, 20, 25 etc...

THERMAL PROPERTIES

BOARD THICKNESS (MM)	NET THICKNESS XPS (MM)	R-value (m2.K)/W	U-value W/m2 x K	λd Rated value
6MM	4MM	0.11	3.63	0.0378
10MM	8MM	0.21	2.62	0.0378
12MM	10MM	0.28	2.23	0.0378

FIXING INSTRUCTIONS - Boards should be stored dry and flat. Slight bowing caused by incorrect storage is not permanent and does not represent a technical defect. Slight curving can be rectified through storing the boards flat.

**Masonry Subfloors / Walls**

When installing any type of tile backer board onto concrete sub floor we recommend using Flexible Tile Adhesive, please make sure the floor is primed with a suitable primer before installati

Wooden Floors / Stud Walls

When installing onto wooden floors we recommend using insulation fixing washers & screws. Screws and washers must be fixed at minimum 300mm center's. This is approx 15 fixing per boards.

[Optional add an on Tile Backer Board Waterproof Membrane Tape / Tanking Fleece Roll - 125mm wide comes on 5m / 10m / 15m rolls ideal for showers, wetrooms, bathrooms](#) .uk/