

Magply Tilebacker

MAGPLY TILEBACKER BOARD

Black Mountain

Moisture Protection
Magply will not deteriorate when subjected to water or moisture.

Mould Resistant
Magply contains no cellulose thus is resilient to mould growth.

Environmentally Friendly
Magply does not contain silicates so is better for the installer.

Exceptional Performance
Magply provides exceptional performance compared to wood, gypsum and cement based boards.

Strong and Easy to use
Magply is extremely strong with great impact resistance. It is fire rated and suits a number of finishes.

www.magply.co.uk

Magply Tilebacker

Magply provides the perfect bonding surface for all tile adhesives



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Magply Tilebacker is a high performance Backerboard providing the perfect surface to tile onto; ideal for bath and wet rooms where high humidity and moisture are prevalent.

Why choose Magply for your Backerboard?

Mould Resistant and Rot Proof

Magply is mould resistant and rot proof. This reduces the potential concerns associated with mould exposure which include allergic reactions, asthma, and other respiratory problems.

Natural Product, Environmentally Friendly, Breathable

Magply is a mineral based, homogeneous, environmentally friendly product with a manufacturing process that produces very little in the way of $C0_2$ emissions, unlike cement particle and gypsum boards which both generate high levels of $C0_2$. Magply Boards help to provide a safe and healthy living environment whilst being a great surface to tile onto.

Strong & Versatile

Magply Tile Backer is easy to use; whilst it absorbs water, the performance and structure are unaffected, thus Magply Boards can be used in both indoor and outdoor applications including damp locations such as shower areas, bathrooms and wet rooms. Magply Tilebacker is simple to prepare and fit. It can also be formed to follow gentle curves.

Magply is very stable and does not expand or contract when subject to temperature changes.

Certified

Magply carries A1 classification and has a Class A1 non-combustibility rating.

Magply General Information



Key

1. Timber stud wall
2. Masonry wall
3. Timber floor
4. Concrete floor
5. Magply Tilebacker
6. Tile adhesive
7. Wall tiles
8. Floor tiles

Magply is available in 6mm and 12mm sheets 1200 x 800mm which provides the perfect bonding surface for any type of tile adhesive.

6mm boards are usually used on floors and 12mm on walls although this may differ in certain circumstances.

Cutting Magply

Score-and-snap the board firmly using a straight edge as a guide.

Pull the board edge upwards to snap.

Straight cuts: Magply is easily cut using a carbide tipped scoring knife.

Circular cuts: Use a standard masonry hole saw fitted to a drill or a jig saw.

Fixing Magply

Fasten Magply with adhesive, nails or screws (approximately every 200mm).

Tape joints before tiling.

Fixings are 15mm from edges and 50mm from corners of sheets.

Health and Safety

Avoid breathing dust. Magply products do not contain crystalline silica but steps should be taken to ensure best practice.

Always wear a dust mask and at the end of procedure remove dust from clothes and work area with a HEPA filter vacuum cleaner or damp cloth.

Preparation before installing Magply Tilebacker

Timber Floors

Overboarding Timber Floors

- Remove all old existing floor coverings.
- Inspect the subfloor to make sure it is structurally sound on existing floors.
- Ensure subfloor is undamaged. Replace or fix loose, warped, uneven or damaged sections of the floor.
- The subfloor should be clean and provide a flat surface. Joist spacing must not exceed 600mm centres.

New Timber Floor

- Use minimum 15mm WBP plywood or minimum 18mm tongue and groove flooring grade chipboard.
- The floor should satisfy requirements of local building regulations. It should not deflect more than L/360 for ceramic tiles and L/720 for natural stone.

Concrete Floors

- Remove loose material, clean and apply primer before laying Magply (use one part primer to three parts water).



Stud Walls

- Remove all old drylining.
- The frame you are fixing to should be structurally sound and the edges of board always land on the stud frame.
- Vertical joints should be made on the centre of the timber studs.
- All corners should be fixed to a suitable timber stud or block.

Masonry Walls

- The wall should be structurally sound, clean and dry prior to installation of Magply Tile Backer; all existing dry lining should be removed.
- Prime the wall (use one part primer to three parts water).

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Fixing Magply on Floors

Timber Floors

- Run two beads of adhesive on the reverse of 6mm Magply tilebacker (rough side facing room).
- Position onto the timber floor and fix with 25mm screws.
- Run a bead of adhesive along the edge of the Magply.
- Leave a 3mm gap between floor and wall edges.
- Lay the next Magply board down fixing with 25mm screws (screws should be positioned a minimum of 15mm from the edge and 50mm from corners).
- Score and snap for straight cuts and use a jigsaw for shapes and curves.
- Stagger all joints in a broken or brick pattern (as per diagram).
- Priming the boards will improve adhesion-one part primer to three parts water.



Concrete Floors

- 6mm Magply can be used to cover worn out concrete floors.
- Prime both sides of Magply (one part primer to three parts water).
- Magply should be fixed with the rough side facing the room.
- Leave a 3mm gap between floor and wall edges.
- Lay Magply onto single part flexible rapid set adhesive.
- Stagger all joints in a broken or brick pattern (as per diagram).
- Allow the adhesive to set before commencing with tiling.

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Fixing Magply on Walls

Stud Walls

- 12mm Magply is recommended for all stud walls.
- Maximum stud centres should be no more than 600mm.
- Insert timber noggins to support board edges.
- Boards may be installed vertically or horizontally.
- Cut or snap boards to required sizes and make any required cuts or holes.
- Magply should be fixed with the rough side facing the room.
- Use 30mm galvanised roofing nails or screws when fixing to timber studs.
- Fixings should be flush with the surface, without over driving or over screwing.
- Magply should be fixed 6mm above a bath, shower tray or floor.
- Floor and wall joints should be filled with a 6mm bead of bathroom sealant.
- Fixings should be 15mm from board edges and 50mm from sheet corners.
- Check building regulations regarding vapour barrier requirements.

Joints can be taped or sealed prior to tiling.

- Before tiling onto Magply, use a 50mm glass fibre alkaline resistant tape across the joints and feather tile adhesive to leave a 150mm wide joint.
- Alternatively run a bead of high strength PUR adhesive along the joint before fixing the next board.
- Once the studwork is boarded, give the Magply a coat of primer.



Masonry Wall Installation Dot & Dab

- Prime the wall before fixing Magply.
- 6mm Magply can be 'dot and dab' fixed with tile adhesive instead of plasterboard or plaster. For walls that are uneven please use 12mm.
- Stagger joints where possible and run a bead of adhesive along the joints.

Masonry Wall using a gap filling adhesive

- 6mm or 12mm Magply can be used against most existing masonry walls depending upon surface.
- Place 3 vertical 10mm beads of single part, high strength, adhesive down the back of the board (smooth side). Position Magply where you would like to install and apply firm pressure.
- Fasten Magply Tile Backer 6mm with masonry anchors.
- Fix Magply tilebacker with 9 stainless steel screw into wall plugs. Screws should be 6mm x 60mm.
- Fixings should be 100mm from the top and bottom edges and 50mm from the left and right edges. Ensure a minimum of 50mm of screw is fixed into the wall. Fixings must be flush with the face of the Magply Tile Backer.
- Use a 50mm alkaline resistant glass fibre reinforcing tape across the joints prior to setting tiles, feather tile adhesive to leave a 150mm joint.

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Fixing Magply using Tile or Polyurethane Adhesive

Magply Tile Backer to subfloor using tile adhesive

- Using a 6mm trowel, apply a gap filling bed of non-flexible tile adhesive to the subfloor.
- Fix Magply Tilebacker evenly in the wet tile adhesive.
- Fasten Magply with the required nails or screws every 200mm over the entire surface ensuring fixings are between 15mm from board edge and 50mm from board corners.
- Set heads of fixings flush with the surface of Magply without overdriving or over screwing.
- Stagger all joints in a broken bond or brick pattern. Be sure not to align with subfloor joints and ensure a 3mm gap between floor and wall edges, baths etc. Seal with a good quality waterproof bathroom sealant.
- Before fixing your tiles, fix a 50mm alkaline resistant glass fibre mesh reinforcing.
- Tape across joints and feather tile adhesive to leave a 150mm wide joint.
- When the floor is complete you are ready to lay your tiles onto Magply.
- Prior to tiling, sweep and clean the surface of Magply and prime to improve adhesion with a brush or sponge.



Magply to subfloor using Polyurethane Adhesive

- Run 2 beads of Polyurethane (PUR) Adhesive on the back of Magply Tilebacker and lay in position.
- Fasten Magply Tile Backer with the required nails or screws every 200mm over the entire surface ensuring fixings are between 15mm from board edge and 50mm from the board corners.
- Set heads of fixings flush with the surface of Magply Tile Backer without overdriving or over screwing.
- Magply should be fixed with the rough side out.
- Joints – Run a bead of PUR adhesive along the edge of Magply and lay the next board down.
- Stagger all joints in a broken bond or brick pattern.
- Once the floor is complete you are ready to lay your tiles onto Magply.
- Prior to tiling sweep and clean the surface of Magply and prime with a sponge to improve adhesion.

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Frequently asked Questions

Can I paint Magply Tile Backer?
Yes, Magply Tile Backer can be painted, plastered and even wallpapered.

Should the joints be taped?
Taping the joints helps to join the Magply Tilebacker and limits the potential of cracking seams.

Can Magply be used in Fire Openings ?
Yes, 12mm Magply can be used on masonry walls as a finish to the fire opening.

Can I use Magply Tile Backer outside?
Yes, Magply Tile Backer is suitable for external use.

Can I fix through Magply?
Yes, all fixings should be made directly into studs or noggins fixed firmly between the studs.

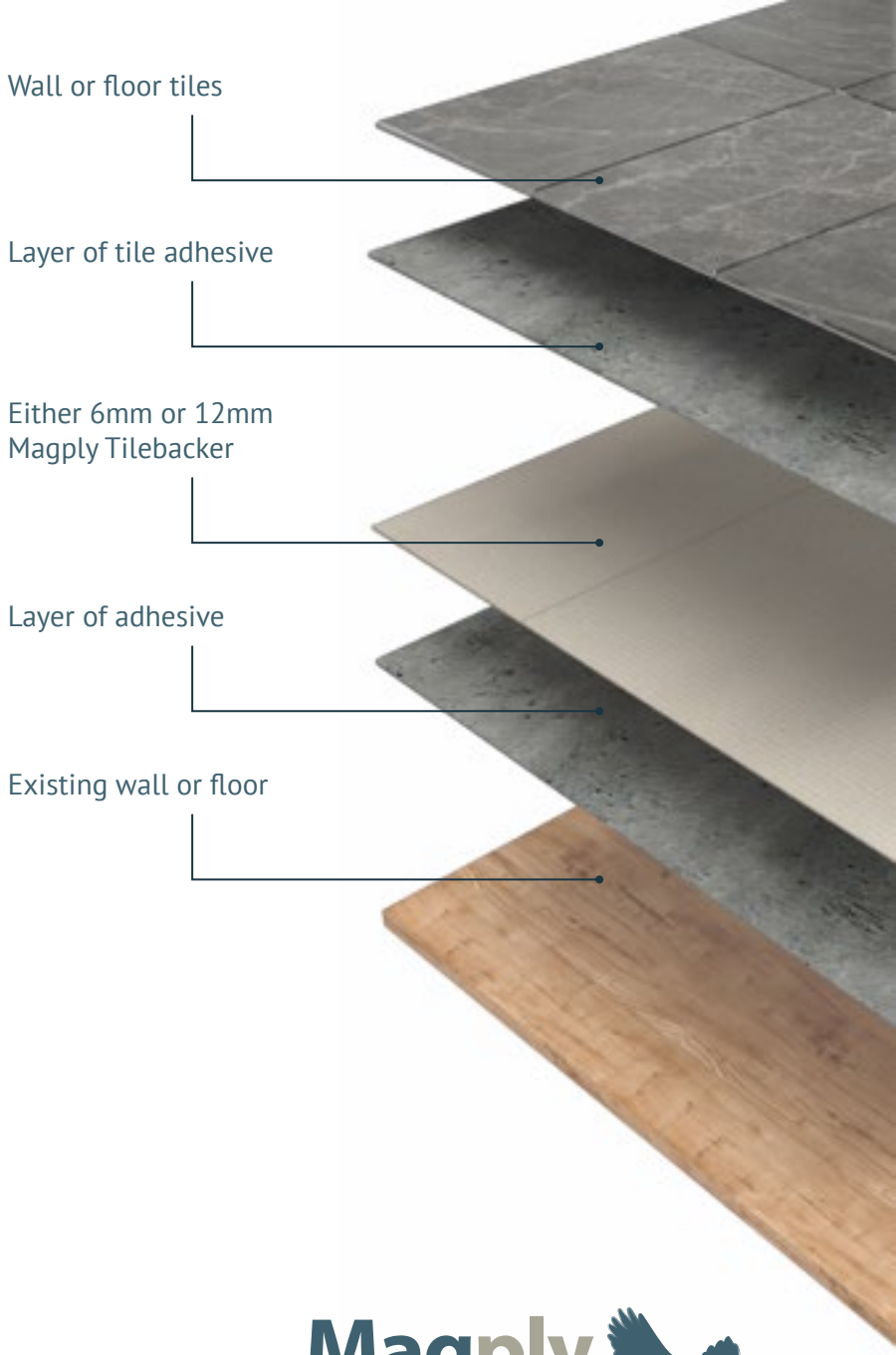
Which side of Magply Tile Backer should be tiled on?
Magply Tile Backer should be fixed with the rough side facing the inside of the room.

Can I use Magply Tile Backer in conjunction with underfloor heating?
Yes, Magply Tile Backer is suitable for under floor heating. Boards should always be placed below the heating element.

Can Magply be used in Wet Rooms?
Yes, Magply Tile Backer is suitable for use in wet rooms which must be tanked with a suitable waterproofing system prior to tiling. Always lay Magply onto the floor first before overboarding the walls. Make sure the surface is completely waterproof. A 6mm gap is left between the bottom of the board and the level of the floor; this is filled with a high modulus water resistant flexible adhesive.

What type and size screws should I use?
Use galvanised, self drilling, self counter-sinking screws with Magply For 6mm use 25mm screws, and 38mm screws on 12mm Magply Tilebacker.

Do I need to prime Magply Tile Backer before I tile?
Yes, priming improves the bond strength between the tile adhesive and Magply.



Magply Tilebacker



Product Information

Thickness	Dimensions (mm)	Pack	Pallet	Weight (Kg)
6mm	1200 x 800	60	180	5.83
12mm	1200 x 800	50	100	11.66

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