

NoMorePly®

Fibre Cement Tile Backer Range Wallboard

12mm Installation & Technical Data



The Ultimate Surface

Your first choice for the ultimate surface

NoMorePly is a range of high performance fibre cement tile backer boards.

First to offer: Pre-primed boards to help speed up installation.

First to offer: Boards with tongue and groove to four sides for structural floors.

First to offer: A lifetime guarantee when its fixing system is used for installation.

Fibre cement is the best material for use as a tiling substrate: better than chipboard, plywood, plasterboard or Magnesium Oxide (MgO). It's stronger, does not rot, swell, warp or delaminate. It resists water, moisture, mould and pests, plus NoMorePly fibre cement is Euro Class A1, non combustible.

Made from a mix of Portland cement, sand, organic cellulose fibres and water, fibre cement is a modern material that's engineered using an environmentally friendly process.

The NoMorePly tile backer range consists of floorboards, wallboards and overboards:

- **22/18mm Floorboards** are tongue and grooved on all four sides and designed to be laid direct to joist. Fibre cement is an excellent conductor of heat making these boards ideal for use with underfloor heating and a good alternative to wet screed.
- **12mm Wallboards** are fixed direct to stud work and are designed to carry the heaviest tiling materials, up to 100kg/m², plus satisfy the latest industry standards for wall tiling substrates.
- **6mm Overboards** are used to strengthen timber floors and overcome deflection without unnecessary floor height build up.

Professionals choose NoMorePly for its high specification, quick and easy installation process and wide availability. It's also the first fibre cement board with a lifetime guarantee, giving everyone complete peace of mind.



The Ultimate Surface

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1. 12mm NoMorePly wallboards provide the strength to carry the heaviest tiles <100kg per square metre.
2. Boards fit directly to timber or metal stud work or used to 'level-up' and improve a solid surface.
3. Installation is quick and easy using Mega Strength PU adhesive and screw fixings to secure boards.



QUICK
& EASY



STRONGER
BUILD



WATER
RESISTANT



LIFETIME
GUARANTEE



12mm Tile Backer Wallboards for the ultimate surface

If you are constructing a wall in a wet, frequently damp or highly humid areas, such as bathroom, shower or sports changing rooms, use 12mm NoMorePly wallboards. These boards have been engineered to retain their integrity, resist water, moisture and mould, and provide a strong wall suitable for large and heavy format tiles. They perform better than plasterboard or plywood and are the industry standard for wall tiling substrate, BS 5385 - Part 1: 2018.

12mm NoMorePly is also a good alternative to plasterboard when boarding out walls in cellars, and the inside of external walls susceptible to damp. They can also be plastered in the conventional way, painted or even wall-papered as alternatives to tiles. Plus, they are Euro Class A1 non combustible, so an ideal choice for lining out chimney breasts before installing multi fuel or wood-burning stoves or for use behind boilers. .

- 1200 x 800mm (0.96m²), easy to handle, one man lift
- 12mm, marries up with other sheet materials

| | 12mm NoMorePly | Timber | Plasterboard | Magnesium Oxide (MgO) |
|-----------------------------------|----------------|--------|--------------|-----------------------|
| Termite resistant | ✓ | - | - | ✓ |
| External tiling applications | ✓ | - | - | ✓ |
| Water resistant | ✓ | - | - | ✓ |
| Strong / Heavy duty | ✓ | ✓ | - | ✓ |
| Chloride free | ✓ | ✓ | ✓ | - |
| 100% recyclable | ✓ | ✓ | - | - |
| Quick & easy to install | ✓ | - | ✓ | ✓ |
| Excellent thermal mass | ✓ | - | - | - |
| Direct fix/High pull out strength | ✓ | ✓ | - | - |
| A1 fire rated | ✓ | - | - | ✓ |
| Zero gypsum content | ✓ | ✓ | - | - |
| Lifetime guarantee | ✓ | - | - | - |

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12mm Tile Backer Wallboards for the ultimate surface

The benefits of using 12mm NoMorePly extend beyond use as a tile backer. Fibre cement boards are heavy duty, ideal for making strong partition walling that can withstand surface impact, making it the ideal choice for high traffic areas, such as corridors and communal areas.

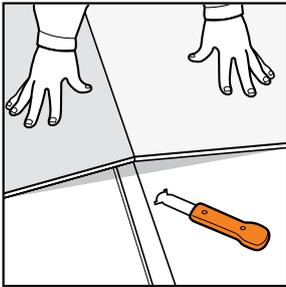
These boards are especially useful when repairing or creating partition walls in schools, hospitals and public offices which are naturally demanding environments.

A further benefit of 12mm NoMorePly is that it accepts direct fixings without the need for these to be supported with timber stud work or additional battens. With the exception of wall hung toilets all other bathroom accessories can be fixed directly to the boards exactly where needed.

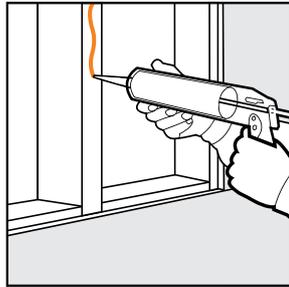




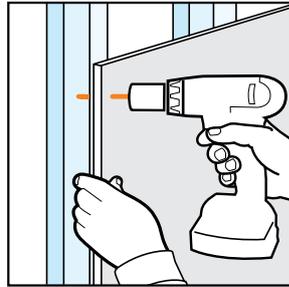
12mm Tile Backer Installation



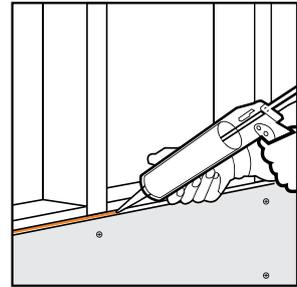
1. Score and snap
Boards can be cut cleanly and easily by scoring one side of the board using a NoMorePly tool, then snapping over a block. For curves and shapes, use tile nippers. Use a PCD Saw Blade to speed up the cutting process.



2. Stick boards to wall
Run a bead of Mega Strength PU adhesive along the timber or metal stud work before offering up the first board. Boards to be applied in a brick bond pattern. Studs to be max 600mm centres with cross noggins on board joints.



3. Secure with screws
Use 9 x 38mm NoMorePly fibre cement screws per board to secure them in place. Screws will prevent boards moving as a result of the PU adhesive expanding slightly as it dries.



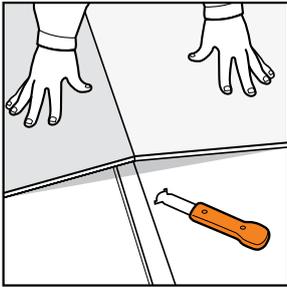
4. Waterproof the joints
Run a bead of Mega Strength PU adhesive along all edges before the next board is offered up. This reinforces and waterproofs the joints, eliminating the need to tape them. Wipe off excess adhesive using a cloth as you proceed.



For more information on the essentials please see page 30

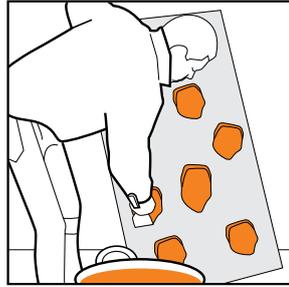


12mm Tile Backer / Solid Surfaces Installation



1. Score and snap

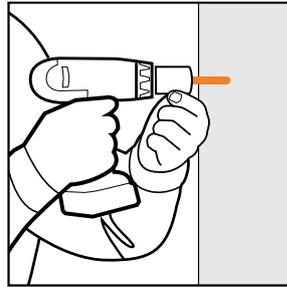
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2. Stick boards to wall

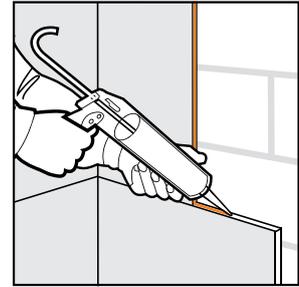
Secure boards using a single part flexible tile adhesive and dot and dab technique.

Prime solid walls first



3. Secure with screws

Secure boards to a solid wall using 4 mechanical fixings; drill the boards, then plug and screw.



4. Waterproof the joints

Remember to use Mega Strength on all board edges to reinforce and waterproof the joint.



For more information on the essentials please see page 30

12mm Tile Backer Specifications

General Information

Codes and trade name: 5512 NoMorePly 12mm Tile Backer Construction Board (1200 x 800mm)

Description: The NoMorePly 12mm Tile Backer Construction Board can be installed direct to timber and metal stud walls to provide a structurally sound and perfect surface on which to tile. The boards can also be installed onto uneven, solid block/brick walls using a dot 'n' dab method with tile adhesive. Please contact our technical department for specific installation information.

Product Components

Portland cement, cellulose fibres, sand, water and other minor aggregates. The boards fulfil the requirements of resistance, safety, and durability needed in the construction of buildings, as well as the most stringent environmental regulations. When exposed to moisture, the NoMorePly 12mm Tile Backer Construction Board doesn't change shape, rot or expand like plasterboard and other gypsum or timber-based materials. Fully compatible with most types of tile adhesives. Please contact our technical department for further compatibility information.

Storage

The boards should be protected from excessive humidity and temperature changes, such as rain, sun, wind and moisture. The boards must always be stored flat. If boards are stored outside they must always be fully covered with a waterproof tarpaulin.

Acclimatisation

NoMorePly 12mm Tile Backer Construction Board must be protected from moisture and weather prior to installation. Although they will not deteriorate after installation - even if subject to adverse weather conditions, a coat of NoMorePly Professional Fibre Cement Board Primer is recommended, as it will reduce moisture ingress. Before the final finish is laid, boards should be thoroughly cleaned and allowed to acclimatise to the final ambient temperature and moisture conditions of the building. If heating pipes are installed behind the boards the heating/hot water can be turned on to help with acclimatisation.

Manual Handling

The NoMorePly 12mm Tile Backer Construction Board is just 1200 x 800mm in size and 15.2kg in weight so can easily be carried one at a time as a single man lift. Carry the boards on their side to avoid the risk of damage during handling. Due to the composition of the Fibre Cement boards, we would always recommend the use of gloves to protect your hands whilst lifting or carrying them.

| Properties | Units | Performance |
|--|---------------------------------------|-------------------|
| Density | g/cm ³ | 1.28 |
| Weight | Kg/Board | 15.2 |
| Thickness | mm | 12 |
| Dimensions | mm | 1200x800 |
| Tolerance | Thickness per board | 0.20% |
| Test Standard | BS EN 12467:2016 + A1:2016 | |
| Mechanical Characteristics | | |
| Bending Strength (MOR) | Class 2 | |
| Bending Strength (dry) | MPa | 12.46 |
| Bending Strength (wet) | MPa | 12.91 |
| Reaction to Fire | EuroClass A1 - Non-Combustible (A1fl) | |
| Test Standard | EN ISO 1182 & EN ISO 1716 | |
| Pull through testing | Newtons | Mean result: 1650 |
| Pull out testing | Newtons | Mean result: 840 |
| Module of rupture (Dried Conditioning) | MPa | 13.13 |
| Thermal Conductivity | ≤0.25W/ (m.k)6 | |

12mm Tile Backer

Q&A's

12mm Wallboards

1. Can 12mm NoMorePly be used to overboard a stud partition wall?

Yes, 12mm NoMorePly is ideal. The boards can be glued and screwed using the NoMorePly screws and MegaStrength adhesive to provide a solid wall on which to tile.

2. Which way round do I lay the 12mm NoMorePly board?

Please lay the board printing side up. You will see the text on the middle of the board, please have this facing up when you lay the board. The boards have a smooth side (the printed side) and a slightly textured side. For most installations it does not matter which side is tiled onto. However, we would recommend tiling onto the smooth/printed surface.

3. What is 12mm PrePrimed NoMorePly made of?

NoMorePly is a fibre cement board and is made from organic fibre, sand, cement, and water. The exact mix of these ingredients is crucial to ensure a firm, strong, water-resistant board is produced that is suitable to withstand heavy tiles and moisture. NoMorePly contains NO harmful fibres but we would always recommend using a dust mask when cutting.

4. Does 12mm NoMorePly need priming?

For all tiling applications we would recommend priming the top surface of the boards with 1-2 coats of NoMorePly Professional Primer: 3 parts water with 1 part primer.

5. Do I need to use Mega Strength on the 12mm NoMorePly boards?

Yes. All the main NoMorePly installation methods involve the use of MegaStrength adhesive, as it's a crucial part of the installation system. We offer a lifetime guarantee based upon the results of the extensive testing performed on these products.

6. Can 12mm NoMorePly be used on a floor?

Yes, if you need a 12mm build up, the boards can be laid onto timber floor (not direct to joist). The boards are installed onto timber or solid floors in the same way as the 6mm board installation using MegaStrength adhesive on the back of the boards and joint and 38mm NoMorePly self-tapping screws (8-9 per board)

7. Can you tile onto plywood?

In accordance with British Standards, the short answer is No. The quality of plywood has reduced in recent years, making it a weak substrate for direct tiling on to. Remember, the weight of wall tiles has increased with the demand for large heavy wall tiles, plus these tiles need to be fully 'battered' with adhesive before fixing, so the combined weight of tile and adhesive demands a stronger foundation board, such as 12mm NoMorePly fibre cement boards, which are moisture resistant. BS 5385 - 1: 2018 clearly states plywood, which is prone to movement due to moisture content change, should be avoided.

8. Can 12mm NoMorePly be used around woodburning stoves.

Yes, the boards are Class A1, non-combustible. There are specific installation guides for this, depending on the type and capacity of the wood burner. Please speak to one of our technicians before installing.

9. How do I cut 12mm NoMorePly?

For small areas such as bathrooms, use the NoMorePly tungsten tipped scoring tool. Two or three scores of the board is normally enough to provide a clean, straight line on which to snap the boards. For cutting around pipes we suggest using tile nippers. For any larger area or more cuts we would recommend using the NoMorePly PCD cutting blade in a circular saw.



The Ultimate Surface

Product Descriptions

NoMorePly Fibre Cement Board Screws

38mm & 25mm Fibre Cement board screws are the perfect fixing method for the 12mm and 6mm boards. Their unique self tapping tip and self-countersinking head mean they're not only fast to install but sit completely flush with the surface of the board. Their high quality zinc plating means they are suitable for use in wet areas such as bathrooms, wetroom and kitchens.



| Product Code | Description | Quantity |
|--------------|-------------------|----------|
| 5647 | 38mm (box of 50) | 18 |
| 5652 | 38mm (box of 200) | 18 |
| 5626 | 25mm (box of 50) | 18 |
| 5631 | 25mm (box of 200) | 18 |

NoMorePly Fibre Cement Floor Screws

50mm Flooring screws are designed to fix down both the 18mm and 22mm TG4 boards. They come with a fast cutting tip designed for fibre cement, self countersinking head for fast install and provide a solid and structural fixing for the the NoMorePly flooring system.



| Product Code | Description | Quantity |
|--------------|-------------------|----------|
| 5650 | 50mm (box of 250) | 10 |

NoMorePly Adhesives

Polyurethane adhesive is recommended for fixing NoMorePly boards in conjunction with NoMorePly screws. It gives an exceptionally high bond strength and foams slightly on application to fill small gaps.

NoMorePly Slow Set Mega Strength

The polyurethane adhesive offers a 30 minute set time. When installing the 22 and 18mm TG4 Flooring system it is important to allow enough time to move the boards into place before the glue sets. This adhesive comes in a 600ml foil, and will supply enough glue to install 10-12 TG4 boards, as well as allowing you to dispose of the empty foil in an eco friendly way.



| Product Code | Description | Quantity |
|--------------|-------------|----------|
| 5663 | 600ml Foil | 24 |

NoMorePly Fast Set Mega Strength

The adhesive is a crucial part of our NoMorePly system and is designed for use when installing the 6mm PrePrimed boards and 12mm boards onto walls and floors. It sets in just 5 minutes and has a water free formulation ensuring that it doesn't foam excessively but it will expand to fill any small gaps beneath the boards. As it is 100% waterproof, it is an excellent jointing solution in all areas including bathrooms and wetrooms.



| Product Code | Description | Quantity |
|--------------|-------------|----------|
| 5620 | 310ml Tube | 12 |

NoMorePly Carbide Tipped Scoring Tool

This professional tool is a superior grade and designed for heavy duty use. The carbide blades will significantly outlast ordinary scoring blades, providing you with better results and greater ease of use. Used for cutting NoMorePly boards by 'scoring and snapping' making them very fast to lay. The tungsten-coated double tips scores the cement board with ease. Doubles up as an excellent grout removal tool.



| Product Code | Description | Quantity |
|--------------|-------------|----------|
| 5630 | - | 12 |

NoMorePly Professional Fibre Cement Board Primer

A Latex based waterproof primer. It is used to seal the surface of NoMorePly boards to improve the bonding strength of the tile adhesive. It helps to reflect heat which enhances the insulation value of NoMorePly to make it ideal for use with underfloor heating. It provides a waterproof coating to make it ideal for use in wetrooms and bathrooms.



| Product Code | Description | Quantity |
|--------------|-------------|----------|
| 3019 | 1ltr Bottle | 10 |
| 3018 | 5ltr Bottle | 1 |

NoMorePly Professional Fibre Cement Board Cutting Blade

The STS Polycrystalline Diamond blades are perfect for fast and accurate cutting of Fibre Cement Boards. The diamond tipped teeth increase the blade life, ensure a clean cut every time and reduce dust. Wherever possible, use a dust extractor with a suitable filter. For a perfect cut set the cutting depth to 5mm more than the material thickness and cut in a straight line. The two sizes of the blades (160mm and 180mm) work perfectly with all makes of circular saw and each blade comes with a reducing bush for the centre to ensure it holds firm in the saw.



| Product Code | Description | Quantity |
|--------------|-------------|----------|
| 6316 | 160mm | 1 |
| 6318 | 180mm | 1 |

Lifetime Guarantee

One of the great things about the NoMorePly System is its Lifetime Guarantee. This means that providing the boards are installed correctly, onto an adequate substrate and using our NoMorePly fixing essentials as shown in this guide you can have complete peace of mind as your project is covered by us.

For more specific information on our guarantees please contact our technical department on: **01132 022 010**

The Ultimate Surface

STS is a specialist manufacturer and UK based distributor of fibre cement boards and fixing essentials. As a respected provider in the UK construction industry, STS is proud to hold to our core values to be Industrious, Cheerful, Creative and hold to Sound Family Values.

The driving force behind the STS team is not merely to meet industry standards, but to exceed and redefine them, and in doing so, bring our customers and installers a clear competitive advantage.

Whilst holding to our values, innovating and providing our customer with excellent customer service we are also constantly working to improve our Corporate Social Responsibility and Employee Welfare.

For sales or advice on installation

Call: 0113 2022 010

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Lines open: Monday to Friday 7am - 5pm

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