Westbuild
INNOVATIVE BUILDING PRODUCTS

MASTIC

Westbuild Mastic is a white, premium grade, highly workable, fibre reinforced tile adhesive. With advanced fibre technology, Mastic adhesive has greatly improved workability, cohesive strength and open time.

Westbuild Mastic is classified as C2S1TE when tested to AS ISO 13007.1 by an independent body.

Advantages

Exceptional Workability	With advanced fibre reinforcement technology.
High Polymeric Content	Particularly suitable for refined porcelain and ceramic tiles
Non Slump + Extended Open Time	High efficiency adhesive for ease of tile installation
	C2S1TE Classification

****Available in Westbuild FlexiPack™**

Product Attributes

Uses

Substrates:

Concrete Floors: New concrete should be at least 7 days old and if smooth, the surface should be roughened to obtain a good bonding key. Ensure release agents are removed from concrete surfaces, especially on tilt up slabs. Old concrete surfaces must be cleaned thoroughly prior to tiling.

Timber Floors: Before tiling, structural floor sheeting (fibre cement sheeting or building boards) must be placed over the existing timber floor, firmly fixed and installed as per manufacturer's instructions.

Cement Render: Render should be sound and float finished to provide a good bonding key. Render should be reasonably thick and at least 24 hours old.

Cement Screeds: Traditional cement screeds should be float finished and at least 7 days old prior to tiling.

Building Boards:

- **Plasterboards:** The joining compound should be primed. There is no need to prime the paper surface.
- **Cement Fibre:** All cement fibre sheeting must be primed prior to tiling.
- **All building boards must be firmly fixed ready for tiling, and be installed according to the manufacturer's instructions and the relevant Australian Standard(s).**
- Where stated, surfaces should be primed using Westbuild PRO™ Flexible Additive Fortifier & Primer.

Technical Data Sheet

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Painted Surfaces: All loose and flaking paint must be removed and water based paints should be removed thoroughly (do not use paint strippers). Painted surfaces should be scabbled or abraded until 80% of the original substrate is exposed.

Existing Tiles: Ceramic tiles should be sound with the surface cleaned and thoroughly mechanically etched, then rinsed with water. Ensure the original surface to be tiled over is free from any dust, oil, grease or any surface contaminants.

For more information on suitable substrates or substrates that are not listed above, please contact a WESTBUILD Representative.

Tiles:	Large format and heavy tiles including: ceramic, fully vitrified, porcelain, mosaic and monocottura, and most types of marble, granite and natural stone (excluding moisture sensitive stone).
Surfaces:	Walls and floors.
Location:	Interior and exterior.
Performance:	Residential and commercial.
Coverage	20kg will cover approximately 7m^2 using a 10 x 10mm trowel on a consistently flat surface.
Clean up	Clean tools and equipment with water, while the adhesive mortar is still fresh.
Colour	White.
Packaging	50 Bags per tonne (20kg per bag) / 56 bags per pallet FlexiPack (PE) Packaging
Shelf Life & Storage	12 months when stored in a dry place in the original, unopened packaging. Do not store on concrete floors. High levels of humidity will reduce the shelf life of the product.

Technical Data

Product Identity

Form	Powder
Colour	White

Application Properties

Set Time before grouting	24 hours
Pot Life	1.5 hours
Adjustability Time	20 minutes
Open Time	30 minutes

Application properties are dependent on temperature and relative humidity.

Typical Performance

Tensile bond Strength Wet Adhesion	> 0.5mpa
Tensile bond Strength Heat Adhesion	> 1.0mpa
Deformation (flexibility)	> 2.5mm
Open Time (30 Min)	> 0.5mpa

Classification according to AS4992.2 **C2S1TE**

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Installation

Surface Preparation

Remove any dust, oil, grease and all loose contaminating material and free from any substances that may affect adhesion performance. Ensure surface is dry before tiling with no residue or permanent damp.

Water Ratio

1 bag to 4.8 litres of water (24% water addition).

Mixing

Westbuild Mastic should be gauged with clean potable water at a ratio of approximately 4.8 litres of water per 20kg of dry powder. Add powder to water, and mix mechanically. Do not mix Mastic by hand.

Allow the mixture to stand for 5 minutes, remix thoroughly, then use the adhesive.

Application

Standard Requirements:

Tile	Trowel
Wall tiles up to 150mm x 150mm	6mm
Wall/Floor tiles larger than 150mm x 150mm	10mm or 12mm
Large tiles 400 x 400 or larger	12mm
Mosaic tiles	6mm

For tiles with lugs or grooves, or larger tiles – coat the back with adhesive to ensure adequate adhesive coverage and a better bond. Ensure the tiles are well bedded, and there are no voids.

Mastic has an extended open time, however make sure the adhesive does not skin prior to bedding the tile. After installing, do not disturb or allow traffic on the tiles for at least 24 hours (at 20ºC).

Movement joints should be provided as per the current Australian Standards as at the time of tile installation. Movement joints should go right through the tile adhesive bed to the background and be kept free from dirt and excess adhesive.

Drying Time

Approximately 12 hours depending on surface porosity and ambient temperature.

Grouting

Grouting can be carried out 24 hours after installation.

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Attention

Do not apply Mastic in temperatures above 35ºC or below 5ºC.

Do not allow the adhesive to skin prior to laying the tiles. If the adhesive skins, remove and dispose of it, then re-apply fresh adhesive.

Although Mastic is water resistant, do not use to install tiles under continuous water immersion (e.g. swimming pools, ponds, water features).

Do not use for tiling directly over timber floors. Consult Westbuild for further advice.

In cool or humid conditions, allow longer setting times.

Not to be used for moisture sensitive natural stone.

Back buttering to achieve 100% coverage is recommended for light colored or translucent tiles/stone to help ensure colour consistency.

Safety Precautions

All cement-based products are alkaline and can cause irritation. Although this product is not considered hazardous, a dust mask should be worn when handling the material. Contact with the eyes and repeated and prolonged skin contact should be avoided.

Technical/Safety Data

Technical/Safety Data TECHNICAL DATA SHEETS (TDS) AND SAFETY DATA SHEETS (SDS) are available on request and should always be referenced before handling this product and before the commencement of any works. A WESTBUILD Representative is always available should you require further information. Visit our website for further information on the use of this product and suitability for your application.

Product Limited Guarantee

WESTBUILD guarantees this product for 10 years after the project completion date subject to terms and conditions. The product must be used for the purpose intended, used in conjunction with any/all relevant Westbuild product, and all tilling works must be to the applicable Australian Standards at the time of use.

Westbuild products are designed to work as a harmonious system, the onus is on the contractor to ensure compatibility and long-term performance of any additional or substituted product or system.

Please refer to WESTBUILD'S full guarantee documentation available on request.

Related Products

Westbuild PRO™ Wet Area Waterproofing
Westbuild PRO™ Flexible Additive Fortifier & Primer
UltraGrip Tile Adhesive
Flexbond High Performance Tile Adhesive

It is the responsibility of the user to ensure that products are used in accordance with the WESTBUILD Products Pty Ltd instructions for use, and Australian Standard procedures in applications for which they are intended. WESTBUILD Products Pty Ltd and its associated companies cannot guarantee and are not liable for the use of their products outside of Australian Standards guidelines and the WESTBUILD Products Pty Ltd instructions for use. The technical details and recommendations contained in this data sheet are given in good faith and represent the best of our knowledge at time of printing. Freedom from patent restrictions should not be assumed.

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