

Zada



Technical Data Sheet: ZadaMastic

Description

ZadaMastic is a high Performance polymer modified, pure white cement based tile adhesive designed for internal and external applications on both walls and floors. Can be used for bonding ceramic, porcelain, vitrified tiles and mosaics. ZadaMastic exhibits exceptional, non slip/slump properties.

Ideal for large format tiles and heavy tiles. Suitable for use over under tile heating ZadaMastic.

ZadaMastic Classification meets C2S1TE Standards

ZadaMastic is classified as Low VOC content and meets green building council of Australia, Green star – IEQ-11

ZadaMastic can be used to bond Porcelain

- Porcelain
- Ceramic
- Vitrified Tiles
- Mosaics
- Natural stone (no moisture sensitive stone)

Surface Preparation

Surface must be clean, dry, firm and free of dust, oil, grease, wax and curing compounds. The substrate must be installed according to the relevant standards and manufacturer recommendations. All porous surfaces must be primed with ZadaPrime. For non-porous surfaces such as burnished concrete, surface must be primed using a non-porous primer.

Please contact Zada Australia for further information.

Substrates

Concrete render, rendered brickwork, plaster board, structural particle board (minimum thickness of 19mm), fibre cement, Green Screeds, ceramic tile underlay, Zada approved waterproofing membranes, concrete pools and spas.

Mixing & Coverage

Mix -5.5-6 Litres of water to 20kg of ZadaMastic Tile Adhesive, Mix adhesive using a paddle mixer until a creamy consistency is achieved, powder should be free of lumps. Allow mixture to stand for 1 minute, remix then use the adhesive.

A 20kg bag of ZadaMastic will cover approximately 10m² on walls using a 6mm notched trowel and 7m² on floors using a 10mm notched trowel. The coverage will vary depending on substrate condition, tile type and application technique.

Installation

Tiles should be fixed in accordance with Australian Standard AS 3958.1-2007 Apply ZadaMastic tile adhesive using a steel notched trowel onto the substrate. For tiles up to 300 x 300 mm use a 10mm notch trowel, and for Tiles greater than 400 x 400 use a 12mm notch trowel on the substrate and butter the back of each tile. Apply only up to 1-2m² at a time. greater than 80% adhesive coverage on the back of each tile, before it the adhesive skins.

Press the tiles firmly into the adhesive whilst moving tile in an up/down motion ensuing greater than 80% adhesive coverage on the back of each tile, before it the adhesive skins.

Do not spot fix, remove all excess adhesive from the tiles before it sets. For information not listed please contact Zada Australia for further information. When using structural particle board, must be a minimum of 19mm thick and fixed as per the manufacturer's instructions.

The surface must be sanded using 30 grit sandpaper then apply a non-porous primer allowing the primer to cure for 2 to 3 hours before commencement of tiling.

Expansion & Movement Joints

Must be installed in accordance with Australian Standard AS3958.1-2007. Movement Joints must be placed from the substrate through the tile bed up to the face of the tile. Movement joints must be clean and free from dirt, adhesive droppings and tile spacers. They must be a minimum of 6mm wide and no wider than 10mm. they should be filled with a suitable elastomeric sealant.

Movement joints must be placed: Every 4.5 metres externally and every 6 metres internally. Around the perimeter of the floor; over existing joints in the substrate. Where 2 different materials meet (e.g. wood and concrete). Around fixtures in the substrate (e.g. columns).

Internal vertical corners; changes in direction of the tiling at changes in storey height.
Over existing movement joints.

Tile Installation

Tiles should be fixed in accordance with the Australian Standards AS3958.1-2007.

Ensure the back of each tile is clean free from dust and other contaminants.

Apply the adhesive onto the substrate but do not exceed more than 1-2m² at a time.

When back buttering is required use the straight side of the trowel and apply a thin coating of adhesive onto the tile.

Laying tiles make sure you move the tile forward and back 90 degrees across the direction of the beads of adhesive leaving no voids under the tile. It is important to lift a tile every so often to check that sufficient coverage is achieved 80-100%.

All adhesive residue must be removed from the tile and joint while the adhesive is still wet. After the tile adhesive is completely cured grouting can commence.

For all other applications not mentioned please contact Zada Australia

Special note: Protect tiling from other trades and weather. Do not allow traffic until all the tiling and grouting is completed.

Packaging

20kg paper valve bag. Care should be taken, for correct lifting/carrying techniques should be adopted at all times for safety.

Precautions

ZadaMastic cannot be used for tiling directly over particle board flooring (see notes under fixing) and tongue and grooved timber flooring. ZadaMastic cannot be used for tiling over solvent based waterproofing membranes. Do not use ZadaMastic for tiling over existing tiles in immersed situations such as swimming pools spas etc. ZadaMastic cannot be used when fixing moisture

sensitive tiles and stone. When tiling externally that is above 2.7m high contact Zada Australia office for site specific information.

Technical Data

Open time	25 minutes @ 23 degrees
Non Slump	Conforms to AS/ ISO 13007
Tensile Strength dry	1.81Mpa at 28 days (C2)
Immersion	1.3 Mpa
Heat aging	1.56Mpa
Adjustment time	25 minutes
Ready for Grouting	24 hours
Transverse deformation	Greater than 2.5mm
Appearance (mixed)	Tacky Bright White

All testing has been conducted in accordance with AS/IOS 13007

Manufacturers Warranty

ZadaMastic is backed by our 10 year manufacturer's warranty.

Disclaimer

The information supplied is to the best of our knowledge true and accurate. The actual application of the product is beyond the manufacturer's control. Any failure or damage caused by the incorrect usage of the product is not the responsibility of the supplier. The manufacturer insists that all workmanship must be carried out in accordance with the manufacturer's specification. To the full extent permitted by law, Zada Australia Pty Ltd liability is limited to its discretion, to replacement of good or the supply of equivalent goods