



# MEGAFIX

## PREMIUM WALL TILE ADHESIVE

23 November 2018

### YOUR SMART ADVANTAGES

- Brilliant white colour
- Smooth and Unsanded
- Perfect for Bathrooms and Mosaics

### DESCRIPTION

Brilliant white adhesive perfect for use in bathrooms, with mosaics or when a very white adhesive is needed. Smooth, unsanded formulation means that grout joints do not need to be raked out before grouting.

### CLASSIFICATION / STANDARDS

#### AS ISO 13007 CLASSIFICATION

- C1** Normal cementitious adhesive  
**S1** Deformable (flexible)  
**T** Slip-resistant

### USES

- Light coloured or translucent tiles
- Glass tiles
- Bathroom walls
- Whenever a bright white adhesive is needed

### SUITABLE SUBSTRATES

- Indoor only
- Concrete
- Render
- Fibre Cement
- Plasterboard
- Dampfix Gold
- Wall Only

### SUITABLE TILES

All moisture stable tile types. Suitable tiles include porcelain, ceramic, terracotta, terrazzo, glass and stone.

### PRODUCT CHARACTERISTICS

#### PHYSICAL PROPERTIES

Appearance	Bright White Powder
Mixed S.G	1.6
Mixing Ratio	20kg into 5.5-6.0 L
Pot Life	3hrs 22°C and 50% RH
Set Time	< 24hrs 22°C and 50% RH
Open Time	> 20 mins 22°C and 50% RH
SCAQMD -   VOC %	< 1
US RULE 1168   VOC g/L	< 1

#### MECHANICAL PROPERTIES

After immersion	> 0.5, < 1.0 MPa
Heat ageing	> 0.5, < 1.0 MPa
Tensile strength	> 0.5, < 1.0 MPa
Slip	< 0.5mm
Freeze/thaw	> 0.5, < 1.0 MPa
Transverse deformation	> 2.5mm, < 5mm

# MEGAFIX

## SURFACE PREPARATION

- Make sure the substrate has been correctly installed according to relevant standards and manufacturer recommendations
- Remove all materials that will interfere with bond. These include oils, grease, wax, release agents, curing compounds dust and any loose material
- Ensure surface is sound. All weak or friable material must be removed
- Check the cleaned surface by applying a small amount of water. It will be easily absorbed if porous and bead on the surface if not
- Treat porous surfaces with Bostik Multiprime.
- Most non-porous surfaces may be primed with Bostik Prime Grip
- Contact Bostik before commencing tiling if there is any doubt about required or suitable preparation

## MIXING

20kg powder mixes into 5.5 – 6.0 litres of (1kg into 275 to 300ml water)

1. Add water to bucket
2. Mix powder into water with mechanical stirring
3. Mix until smooth
4. Allow to stand for 2 minutes and briefly mix again before using

**Note:** The paste can “wet out” during mixing so make sure that it is mixed sufficiently before adding more liquid. Do not add more liquid after the initial mixing. Discard when the product stiffens in the bucket. Use a drill with suitable mixing paddle designed for the task and do not mix by hand.

## APPLICATION

1. Apply to the prepared substrate using a notched trowel. Use a 6mm notch for tiles up to 150x150mm, a 10mm notch for up to 250x250mm and a 12mm notch for 300x300mm tiles. Tiles 400x400mm and larger should be back-buttered in addition to using a 12mm notched trowel
2. Press tiles firmly into adhesive before it skins
3. Apply only up to 1m<sup>2</sup> at a time to avoid skinning
4. If skinned, re-spread to expose “wet” adhesive
5. Check that enough of the substrate and tile back are in contact with adhesive (usually at least 80% but higher for large format tiles)
6. Discard any material that has hardened before use
7. Allow adhesive to harden adequately before grouting

**All workmanship must be carried out in accordance with AS3958.1-2007 and good workmanship practices**

## COVERAGE

On site coverage will vary widely as it is dependent on a large number of variables. These include but are not limited to: application technique, substrate texture, wastage, trowel angle, trowel wear, contact coverage and surface flatness. As such the following coverage is intended as a guide only. It is advised that comparisons between products are based on the mixed volume.

When mixed bag yields 16 to 17 litres	
Approximate Coverage (10mm trowel)	
kg per m <sup>2</sup>	m <sup>2</sup> per bag
2.80	7.0 – 8.0

## GROUTING

Use a suitable Bostik grout after the tiles appear firm. Modify grout with Megalastic when tiling is over a flexible substrate or when improved water resistance is required

## CLEAN UP

Remove using a wet cloth before the product hardens. If allowed to set it must be removed mechanically.

## POT LIFE

3 hours at 22°C and 50% Relative humidity

## SETTING TIME

< 24 hours at 22°C and 50% Relative humidity  
Pot life and setting will be influenced by ambient conditions. In warm or dry conditions, a shorter pot life and setting time should be expected and longer when cool. Extra care should be in warm or dry conditions to ensure the adhesive has not stiffened significantly before the tiles are applied. Ensure that the open time has not been exceeded. If in doubt discard unused product and prepare a fresh batch.

## STORAGE & SHELF LIFE

12 months when stored off the ground in a cool dry waterproof environment.

## IMPORTANT NOTES

- All workmanship (including movement joints) must be carried out in accordance with AS3958.1-2007
- When fixing stone follow the recommendations in the Australian Stone Advisory Association (ASAA) Natural Stone Design Manual
- Always read the entire Product Technical Datasheet before using
- Always refer to the Safety Data Sheet (SDS) before using
- Only tile surfaces that are suitable. If in doubt check with substrate manufacturer
- When tiling directly onto waterproofing membranes check to ensure compatibility. If not already approved by Bostik in writing additional compatibility tests may be required
- Use only when ambient conditions are between 5 and 35 °C. Do not use in windy or very low humidity conditions
- If considering tiling over paint it must be well bonded, clean and sound. Abrade and clean enamel paints. Prime with Multiprime before tiling
- When tiling walls do not exceed 2.7m and always check that it will support the intended weight
- Not designed for direct bonding to solvent based polyurethane waterproofing membranes. If required to tile an area treated with this type of membrane special surface preparation is required. Contact Bostik for further information
- Not designed for direct bonding to plastic or metal
- Suspended concrete slabs must conform to AS3958.1-2007 for maximum deflection. Any post tensioned concrete slabs must be treated as a flexible substrate. For further information, contact Bostik
- Not suitable for use on floors
- Not suitable for immersion (eg. pools or water features)
- This product is not suitable for use with moisture sensitive stone, tile or other materials
- Do not use to tile directly onto timber, plywood, particleboard, MDF or Masonite
- Not suitable for bonding directly to existing tiles
- Contact Bostik for advice before work starts if substrate or tile are unusual or non-traditional or if there is any uncertainty regarding suitability or preparation

## SAFETY PRECAUTIONS

SEE THE SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

EMERGENCY INFORMATION: 1800 033 111 (ALL HOURS)

SDS can be downloaded from [www.bostik.com.au](http://www.bostik.com.au)

VOC – 1 g/Lt

[voccertificates.australia@bostik.com](mailto:voccertificates.australia@bostik.com)

## PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit [www.bostik.com/au](http://www.bostik.com/au) for copies.

**For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.**

BOSTIK HOTLINE

Smart help 1800 267 845



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