



# Technical Data Sheet

## Multifix



### Description

White paste adhesive for fixing tiles to porous internal walls. Good general purpose ready-to-use adhesive

### Classification / Standards

#### AS4992 CLASSIFICATION

- D1** - Normal dispersion (paste) adhesive  
**E** - Extended open time (>30 minutes)

### Features

- White Colour
- General Adhesive
- Ready-to-use
- Flexible

### Best For

- Light coloured or translucent tiles
- Walls
- Large jobs

### Suitable Substrates

- Walls only
- Porous surfaces only
- Concrete
- Render
- Fibre Cement
- Plasterboard

### Suitable Tiles

Moisture stable porous backed tiles only (eg ceramic) up to 300x300mm.

### Surface Preparation

- Make sure the substrate has been correctly installed according to relevant standards and manufacturer recommendations
- Allow for required minimum curing time of substrates
- 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
- Contact Bostik before commencing tiling if there is any doubt about required or suitable preparation

### Mixing

Product is ready to use. No mixing required

### 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. Allow adhesive to harden adequately before grouting
7. Discard any material that has hardened before use

**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 dependant 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 planarity. As such coverage estimates are inaccurate.

As a guide 1L covers approx.1m<sup>2</sup> (6mm notched trowel)

## Grouting

Use a suitable ASA grout after the adhesive has cured. Paste adhesives rely on drying through the substrate, tile and empty grout lines. As such it is recommended that grouting commences only after adhesive has fully set. This is especially important when fixing tiles larger than 200x200mm or if the porosity of the tile or substrate is not high.

## Clean Up

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

## Setting Time

Allow for 24-48 hours under normal conditions (23°C, 50% Relative humidity). Paste adhesives harden by water evaporation. As such setting times will be strongly influenced by on site conditions. The adhesive will take longer to set in cool and/or humid conditions. 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 use Fresh material. In warm or low humidity conditions it is recommended that the pail be kept sealed to reduce likelihood of unused product skinning or stiffening

## Storage & Shelf Life

12 Months when stored off the ground in a cool, dry weatherproof environment. Do not allow product to freeze.

PHYSICAL PROPERTIES	
<b>Appearance:</b>	White Paste
<b>Mixed S.G:</b>	1.50
<b>Set time (hours) @ 22°C and 50% RH</b>	> 24
<b>Open Time (mins) @ 22°C and 50% RH</b>	> 30
<b>SCAQMD –   VOC %:</b>	<8
<b>US RULE 1168   VOC g/Litre:</b>	<8

MECHANICAL PROPERTIES	
<b>Shear Adhesion</b>	> 1.0 MPa
<b>Heat ageing:</b>	> 1.0 MPa

## 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 Material Safety Data Sheet (MSDS) before using
- Only tile surfaces that are suitable. If in doubt check with substrate manufacturer
- Use only ambient conditions between 5 and 35°C. Do not use in windy or very low humidity conditions
- Uncured adhesive may wash-out if exposed to excessive moisture before curing adequately
- When tiling walls do not exceed 2.7m and always check that it will support the intended weight
- Not designed for direct bonding to plastic, metal, waterproofing membranes or other non-porous surfaces
- Not recommended for use on floors.
- When using large non-absorbent tiles on waterproofing membranes it is recommended that a cement based adhesive such as Ultra Mastik be used
- Not suitable for immersion (eg pools or water features).
- This product is not suitable for use with moisture sensitive stone, tile or other materials.
- Long drying times are expected in cool or high humidity. Product may not dry if not exposed to the atmosphere or when used with unsuitable substrates or 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

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

## Safety Precautions

SEE THE MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

EMERGENCY INFORMATION: 1800 033 111 (ALL HOURS)

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

**VOC – 8 g/Lt**

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

## Product Details

Item Number	Size
401595	1 Litre
401609	4 Litre
401625	15 Litre



**Scan to download current MSDS onto your mobile service**



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BOSTIK AUSTRALIA PTY LTD**

Head Office      Bostik Australia Pty Ltd, 51-71 High Street, Thomastown Vic 3074  
A.B.N. 79 003 893 838  
Phone: (03) 9279 9333      Fax: (03) 9261 4744  
Phone Construction/ASA:      Toll free 1300 364 710

Product      [construction.australia@bostik.com](mailto:construction.australia@bostik.com)  
Enquires:      [asa.australia@bostik.com](mailto:asa.australia@bostik.com)



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