# SUPERGLUE
## PREMIUM TILE ADHESIVE

### YOUR SMART ADVANTAGES
- Lightweight
- Superb Performance
- Suitable for immersion
- Commercial grade
- High performance

### DESCRIPTION
Lightweight high performance tile adhesive. High bond strength, high flexibility and suitable for tile-on-tile. Suitable for commercial and high traffic tiling.

### CLASSIFICATION / STANDARDS
**AS ISO 13007 CLASSIFICATION**
- **C2** Improved cementitious adhesive
- **S2** Highly deformable (flexible)
- **E** Extended open time (>30 mins)
- **F** Fast setting/drying

### BEST FOR
When one adhesive is required for most jobs
When light weight is important
When a high performance all-rounder is needed

### SUITABLE SUBSTRATES
- Concrete
- Render and early age (green) screed
- Fibre Cement
- Plasterboard
- Dampfix Gold, Dampfix 3, Dampfix 2 and Primeseal waterproofing membranes
- Wall and Floor
- High Traffic
- Total Immersion
- Commercial

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

Superglue may be used with Class A moisture sensitive stone as defined by EN 14617-12:2005 provided that the stone does not produce staining. It is recommended to test the stone prior to commencement of the installation.

### PRODUCT CHARACTERISTICS

#### PHYSICAL PROPERTIES
<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White Powder</td>
</tr>
<tr>
<td>Mixed S.G</td>
<td>1.32</td>
</tr>
<tr>
<td>Mixing Ratio</td>
<td>15kg into 5-5-5 L water</td>
</tr>
<tr>
<td>Pot Life</td>
<td>1.5hrs 22°C and 50% RH</td>
</tr>
<tr>
<td>Set Time</td>
<td>5-6 HRS 22°C and 50% RH</td>
</tr>
<tr>
<td>Open Time</td>
<td>&gt;30 min 22°C and 50% RH</td>
</tr>
<tr>
<td>SCAQMD – VOC %</td>
<td>&lt;1</td>
</tr>
<tr>
<td>US RULE 1168</td>
<td>VOC g/L</td>
</tr>
</tbody>
</table>

#### MECHANICAL PROPERTIES
<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile strength</td>
<td>&lt; 1.0 MPa</td>
</tr>
<tr>
<td>After immersion</td>
<td>&lt; 1.0 MPa</td>
</tr>
<tr>
<td>Heat ageing</td>
<td>&lt; 1.0 MPa</td>
</tr>
<tr>
<td>Freeze/thaw</td>
<td>&lt; 1.0 MPa</td>
</tr>
<tr>
<td>Transverse deformation</td>
<td>&gt; 5mm</td>
</tr>
</tbody>
</table>

### PRODUCT CODES
- 15 KG: 30840541

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Bostik Australia Pty Ltd, Level 1, 6 English St, Essendon Fields, Vic, 3041, Australia. Tel: +61 3 9279 9333 [www.bostik.com.au](http://www.bostik.com.au)
SUPERGLUE PREMIUM TILE ADHESIVE

SURFACE PREPARATION
1. Make sure the substrate has been correctly installed according to relevant standards and manufacturer recommendations.
2. Allow for minimum curing time for screeds (1 day) and concrete (7 days).
3. Remove all materials that will interfere with bond. These include oils, grease, wax, release agents, curing compounds dust and any loose material.
4. Ensure surface is sound. All weak or friable material must be removed.
5. 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.
6. Treat porous surfaces with a suitable primer designed for the task.
7. Most non-porous surfaces may be primed with Bostik PrimeGrip Non-Porous Primer.
8. If tiling over existing tiles, abrade the surface and clean well before tiling.
9. Contact Bostik before commencing tiling if there is any doubt about required or suitable preparation.

MIXING
15 kg powder mixes into 5 to 5.5 litres of water
1 kg into 300 to 365 ml 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 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 1m² at a time to avoid skimming
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 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.

<table>
<thead>
<tr>
<th>When mixed bag yields 15 to 16 litres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximate Coverage (10mm trowel)</td>
</tr>
<tr>
<td>kg per m²</td>
</tr>
<tr>
<td>2.5</td>
</tr>
</tbody>
</table>

GROUTING
Use a suitable ASA 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
1.5 hours at 22°C and 50% Relative humidity

SETTING TIME
5 - 6 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 in 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 weatherproof 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 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.
- 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 ASA/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 ASA/Bostik.
- When tiling directly onto waterproofing membranes check to ensure compatibility. If not already approved by Bostik in writing additional compatibility tests may be required.
- This product is not suitable for use with moisture sensitive stone, tile or other materials.
- If considering tiling over paint it must be well bonded, clean and sound. Abrade and clean enamel paints. Prime with Multiprime before tiling.
- Some surfaces such as plastic and metal will require special preparation and may not be suitable.
- When tiling walls do not exceed 2.7m and always check that it will support the intended weight.
- Do not use to tile directly onto timber, plywood, particleboard, MDF or masonite.
- May be used to bond tiles to existing tiles. When tiling outdoors the tile size is limited to 300x300mm. Ensure existing tile surface is sound and clean. Remove all cracked, drummy or otherwise unsound tiles and repair area appropriately. Due to the possible variables extra surface preparation may be required (including mechanical abrasion). Contact Bostik before work starts for further advice if required.
- Contact Bostik for advice before work starts if substrate or tiles are unusual or non-traditional or if there is any uncertainty regarding suitability or preparation.

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

VOC – 1 g/Lt
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 for copies.

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