



ULTRA MASTIK SG

PREMIUM TILE ADHESIVE

KEY FEATURES

- Superb bond on 600mm x 600mm tiles
- Smooth trowel feel
- Excellent water resistance
- Commercial grade

DESCRIPTION

Ultra Mastik SG is premium tile adhesive with superb bond on 600mm x 600mm tiles. Smooth feel for easy trowelling. It is a flexible powdered adhesive which is suitable for commercial, high traffic areas, external and internal tiling.

CLASSIFICATION / STANDARDS

BS EN12004 CLASSIFICATION

- C2** Improved Adhesive (excellent bond)
- S1** Deformable Adhesive (flexible)
- E** Extended Open Time Adhesive

RECOMMENDED USES

- Large format tiles
- Large area installation
- High traffic areas
- Swimming pool
- Pool deck

SUITABLE SUBSTRATES

- Concrete
- Render and early age (green) screed
- Fibre cement
- Plasterboard
- Bostik Dampfix Gold, Dampfix 3, Dampfix 2 and Dampfix waterproofing membrane
- Wall and floor

SUBSTRATE PREPARATION

Substrate shall be correctly installed according to relevant standards and manufacturer recommendation. All surfaces must be clean, dry and free from dust, grease, wax, oil, laitance, curing compounds and all other contaminants that likely to affect the adhesive bonding. Treat porous surfaces with Hydroment Bonding Aid. Non-porous surfaces may be primed with Bostik Ultra NP Primer. Concrete should be allowed to cure for at least 7 days and cement render or screed 1 days prior to tiling. A wood float finish is preferred. Smooth steel

PERFORMANCE PROPERTIES

Typical properties conducted at 22°C and 50% RH

Appearance	Grey or White powder
Mixed S.G.	1.46 g/m ³
Mixing Ratio 25 kg powder	6.75 to 7.25 Litres of Water
Pot Life	3 hours
Set Time	< 24 hours
Open Time	> 30 minutes
SCAQMD - VOC	< 1%
US RULE 1168	< 1g/L
Tensile Strength	≥ 1.0 MPa
After Immersion	≥ 1.0 MPa
Heat Ageing	≥ 1.0 MPa
Transverse Deformation	≥ 2.5mm, ≤ 5mm
Extended Open Time at 30 minutes	≥ 0.5 MPa

trowel finished concrete must be mechanically abraded to increase adhesion. Waterproofing membranes must have dried in accordance with manufacturer's instruction. Contact Bostik before commencing tiling if there is any doubt about required or suitable preparation.

EXPANSION JOINTS

Movement joints must be incorporated in the tile layout in accordance with AS 3958.1-2007 clauses 5.4.5.1 to 6

MIXING

25 kg of Ultra Mastik SG powder requires 6.75 to 7.25 liters of clean water. Add the measured amount of clean water into a clean container and gradually pour Ultra Mastik SG into the water while continuously mix using low speed (300 rpm) electric paddle mixer. Mixed thoroughly until homogeneous, smooth paste consistency is obtained. Let it stand for 2 minutes and mix again. The adhesive is now ready to use.

Note :

Always add the powder to the water.
Do not mix by hand.

APPLICATION

Apply the mixed adhesive to the prepared substrate

using the appropriate notched trowel for the size of tile being laid. Use a 6mm notch for tiles up to 150mm x 150mm, 10mm notch for up to 250mm x 250mm and 12mm notch for 300mm x 300mm tiles. Tiles 400mm x 400mm and larger should be back-buttered in addition to using a 12mm notched trowel. Press tiles firmly into adhesive before it skins. Apply only up to 1 m² at a time to avoid skinning. If skinned, re-spread to expose "wet" adhesive. Discard any material that has hardened before use. Check and ensured that the bedded tiles are fully covered by the adhesive. Do not disturb tiles until the adhesive has dried. Commence grouting after 24 hours when tilework is firm.

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

GROUTING

Use appropriate Bostik tile grout. Allow joint widths of 1.5 mm to 6 mm for walls and 3 mm to 6 mm for floors as per AS 3958.1-1991 clauses 5.4.6.

COVERAGE

3 kg powder per m² using a 6mm x 6mm notched trowel.

PACKAGING

25 kg paper bag.

CLEAN UP

Ultra Mastik SG can be removed from the surface of the tiles using a damp cloth while the adhesive is still wet. Tools and equipment can be cleaned with water before adhesive dried.

STORAGE AND SHELF LIFE

Store all materials in a cool dry place, in an elevated condition. Unopened bags can be stored up to 12 months if store in recommended condition.

HEALTH AND SAFETY

This product is non-toxic but contains cement. Bostik recommend the use of dust masks, eye protection and wearing of gloves when handling this product. Use good occupational health and safety practices to avoid personal contact. For more detailed information, refer to product MSDS.

LIMITED WARRANTY

The information and recommendations relating to the application and end-use of the product are given in good faith and based on tests which we believe to be reliable. However, no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship, whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advise offered. No guarantee of their accuracy can be made because of the great range of field conditions and variation encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with limited warranty only, and on condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price.

BOSTIK HOTLINE

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