



# J100 Smooth Finish Grout

## MOULD RESISTANT WALL AND FLOOR TILE GROUT

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Fact Sheet No.: TDS01600

### YOUR SMART ADVANTAGES

- Suitable for swimming pools and power showers
- Mould and efflorescence resistant
- Non-slump formulation for joints up to 12mm wide

### USES

Bostik J100 Smooth Finish Grout is a professional quality, cementitious polymer modified grout for walls and floors. It is formulated to provide narrow to wide joints. Bostik J100 Smooth Finish Grout is an easy to clean off, non-slump formulation which dries to a very hard finish.

Bostik J100 Smooth Finish Grout is suitable for use with a variety of tile types including ceramic, porcelain, natural stone, mosaic, marble and quarry tiles. It is suitable for joints between 2mm to 12mm for both interior and exterior use.

### PRODUCT CHARACTERISTICS

Colours	Grey, White and Jasmine		
Form	Cementitious powder		
Specific Gravity	Approx. 1.8		
Composition	Cement based formulation		
Product Codes	30811651	Grey	3.5kg
	30811652	Grey	10kg
	30811625	White	3.5kg
	30811626	White	10kg
	30811627	Jasmine	3.5kg
	30811648	Jasmine	10kg

### Storage/Shelf Life

Store and transport this bag in a secure upright position. Store for up to 12 months from date of manufacture when stored clear of ground under cool, dry conditions within the temperature range of +5° to +30°C. Protect from frost.

### TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +25°C
Mix Ratio	Approx. 0.825 litres of water to 3.5kg of Bostik J100 Smooth Finish Grout powder. Approx. 2.75 litres of water to 10kg of Bostik J100 Smooth Finish Grout powder.
Coverage	Coverage is dependent upon tile size and joint dimensions. See coverage section below for more detailed calculation methods.
Open Time	Approx. 2 hours at 20°C
Drying Times	Walk on: 12 hours at 20°C Full cure: 72 hours at 20°C

### DIRECTIONS FOR USE

**IMPORTANT:** Before using Bostik J100 Smooth Finish Grout refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).

### PREPARATION

1. Ensure that tiles are firmly fixed and adhesive is completely set. Bostik standard set adhesives should normally be left for at least 24 hours before grouting. Bostik rapid setting adhesives should be left for at least 2 to 3 hours, times will be increased by sealed or impervious substrates or at low ambient temperatures or high humidity.



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2. Ensure tile and joints are clean, dry and free from dust, grease or any other contamination. Some tiles have a soft glaze which may be scratched during grouting and tiles with a matt or porous texture may be prone to staining. You are advised to test the grout on a spare tile for suitability before proceeding.
3. Variations in raw materials, application techniques, type of tile, substrate and environmental conditions can limit colour consistency. For these reasons as with all other manufacturer's we cannot guarantee a consistent colour every time.

#### Underfloor Heating with Ceramic Tiles:

4. Turn off underfloor heating for at least 48 hours before tiling and do not switch back on until 28 days after tiles have been grouted. Thereafter only gradually increase the temperature by 5°C per day.

#### MIXING

5. Bostik J100 Smooth Finish Grout should be added to water in a clean container whilst mechanically stirring and mixing thoroughly to give a smooth, consistent and easily worked mortar.
6. The recommended mix proportions are approximately 0.275 litres of water to 1kg of Bostik J100 Smooth Finish Grout.
7. Do not add more water than is necessary to achieve a smooth paste consistency and do not mix more than can be applied and finished off within a 2 hours.
8. It is favourable to allow the mixture to stand for 1 minute before use.
9. No water should be added after the original mixing.
10. Any of the mix that is not used within 2 hours of mixing should be discarded.
11. Bostik J100 Smooth Finish Grout will remain readily workable for about 2 hours and then set firm after 12 hours.

#### COVERAGE

Coverage is dependent upon tile size and joint dimensions. It can be calculated using the formula below:

$$\frac{(A+B) \times C \times D \times G}{A \times B} = \text{Kg/m}^2$$

A = Tile length      B = Tile width      C = Joint width  
D = Joint depth      G = Specific Gravity

Joint Width	Tile Size (mm)	Floor Grout required (kg)
5mm	200 x 200 x 6	0.5kg/m <sup>2</sup>
8mm	300 x 300 x 10	1.0kg/m <sup>2</sup>
10mm	200 x 100 x 8	2.0kg/m <sup>2</sup>

#### APPLICATION

12. The grout should be worked deeply into the joints using a sponge, squeegee or rubber filling knife. Work diagonally from lower parts upwards. Ideally should not be applied at temperatures below 5°C.
13. Remove excess grout immediately by the use of a squeegee, working diagonally across the tiles taking care not to drag grout out of the joints. After initial hardening (approx. 30 minutes) clean the tile surface with a damp sponge. Do not leave film on the surfaces of tiles as this will be very difficult to remove when hardened.
14. When the grout is dry, polish the tiles with a clean, dry cloth.

#### CLEANING

15. Clean tools and equipment immediately after use with water.
16. Dispose of all waste material and empty packaging in accordance with local regulations.

#### PRECAUTIONS IN USE

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.co.uk](http://www.bostik.co.uk) for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet for Bostik J100 Smooth Finish Grout, available at [www.bostik.co.uk](http://www.bostik.co.uk).

BOSTIK HOTLINE

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