

# The Premium GROUT

## TECHNICAL DATA SHEET

### Smoother. Faster. Better.

#### Description

Maxisil premium grout is a high quality, flexible, cement based grout suitable for 1-15mm joint widths. It contains strong anti mould agents and repels water. Suitable for wall and floor applications, internal and external use. Ideal for grouting most tile types including ceramic, porcelain, marble, natural stone, terrazzo, glass and mosaics.

Want the complete finish? Go to [maxisil.com](http://maxisil.com) to find our matching silicone colour.

#### Benefits & Uses

- Hydrophobic (low absorption)
- Sand free
- DFD Technology
- Efflorescence Free
- FAA additives
- Super Smooth
- 1mm-15mm joint size
- Easy clean when grout is dry using a dry or micro-fibre cloth.
- Can be bulked out with dry sand for a sanded aesthetic desired finish.

#### Substrates

Concrete, renders, screeds, waterproofing membrane, blockwork, gyprock, plasterboard, fibre cement, particle board, Swimming pools and Timber floors.

#### Preparation

Ensure that tile adhesive has had sufficient time to cure before grouting commences.

Remove any adhesive that may have come out from joints, remove spacers and any dust or dirt from joint before grouting. Do not use Grout in expansion joints.

#### Mixing

- 2kg bag - Using a clean container mix 500ml of potable (drinking) water per 2kg of powder.
- 5kg bag - Using a clean container mix 1.3ltr of potable (drinking) water per 5kg of powder.
- 10kg bag - Using a clean container mix 2.6ltr of potable (drinking) water per 10kg of powder.

Slowly add grout into water, mixing continuously until a smooth lump free mix is obtained.

Allow to stand for 3-4 minutes and then stir again, grout is now ready to use.

#### Application

- Using a rubber grout float or similar, work grout into joints. For best results, apply grout using a diagonal motion, ensuring grout fills entire depth of joint and is compacted with minimal grout left on tile surface.
- Grout approximately 5 -8m<sup>2</sup> at a time then wipe off excess grout using a damp sponge.
- Make sure sponge is rinsed regularly and properly and no excess water remains on or in the grout joints. Note: Failure to remove excess water may cause efflorescence, a whitening blemish on grout surface.
- Allow grout to cure for 24hrs prior to final clean up and removal of grout haze.

#### Coverage

Coverage of Maxisil grout will vary depending on tile and grout joint size.

Tile Size (mm)			Joint width (mm)	2kg bag will cover (m <sup>2</sup> )	5kg bag will cover (m <sup>2</sup> )	10kg bag will cover (m <sup>2</sup> )
Length	Width	Thick-ness				
25	25	4	1.5	3	7.5	15
100	200	8	1.5	8	20	40
100	300	8	1.5	8.5	21	42.5
200	300	8	1.5	14.5	36	72.5
400	400	8	3	11.75	29	58.5
450	450	8	3	13.3	33	66.5
600	600	10	5	8.5	21	42.5

#### Storage

Must be stored in a dry environment and in original packaging

## Technical Data

Description	ISO Standard	Performance/Info
Colour		10 Colours
Packaging		2kg, 5kg & 10kg bags
Fresh wet density		1.75 ± 0.1 g/cm <sup>3</sup>
Working time	At 23°C	Approximately 60 min
Compressive strength	ISO 13007-4, 4.1.4	> 20 MPa @ 28 days
Flexural strength	ISO 13007-4, 4.1.3	> 2 MPa @ 28 days
Shrinkage	ISO 13007-4,4.3	< 1.0 mm/m
Abrasion resistance	ISO 13007-4,4.4	< 1600 mm <sup>3</sup>
Water absorption	ISO 13007-4,4.2	< 3 g @ 240 min

## Shelf Life

12 months from manufacturer date.

## Warranty

Maxisil grout products come with a 15-year warranty, providing the application is in accordance with AS3958.1 2007 and the manufacturers printed directions for use on the latest Technical data Sheet.

All information in this publication is based on our current technical knowledge and experience. However, since conditions and methods of use and application of our products are beyond our control, we suggest that you test the product before use. Information given in this technical data sheet and explanations of Maxisil in connection with this technical data sheet (e.g. service description, reference to DIN regulations etc.) is not to be seen as a warranty. Warranties require a separate written declaration of Maxisil to prove their validity. The characteristics stated in this data sheet define the characteristics of the article broadly and conclusively. Suggestions of use are not to be taken as confirmation of the appropriateness for the recommended intended use. We reserve the right to alter the product, adjusting it according to technical progress and new developments. We are at your disposal both for inquiries as well as specific application problems. If a governmental approval or clearance is necessary for the application of our products, the user is responsible for the obtainment of such. Our recommendations do not excuse the user from the obligation to take into consideration the possibility of infringement of third parties' rights and if necessary resolving it. For the rest, our general terms and conditions apply, in particular regarding a possible liability for defects. You can find our general terms and conditions and safety data sheets at [maxisil.com](http://maxisil.com)