



SOLUTIONS FOR INDUSTRY

Wonder Grout

**Patent Applied For Technology
Patent Application No. 2002 952110**

Characteristics:

- Wonder Grout is a new “Patent applied for” technology grout.
- It is a two component grout, with the powder component being off-white Cement based and the liquid component being pigmented.
- The greatest advantage with this grout is that it is “Efflorescence Free”.
- Wonder Grout can be used internally or externally on wall or floor surfaces.
- Wonder Grout provides flexibility for areas subject to movement and is mould and mildew resistant.
- Wonder Grout is available in wide range of colours.

Preparation:

- Ensure all the tiles are firmly set prior to commencing grouting. This generally requires at least 24 hours @ 20oc.
- Ensure the grout joints are clean and free from spacers, excess adhesive and any other loose contaminating material.
- Always shake the bottles of Wonder Grout liquid well, prior to mixing in with the powder.

Mixing:

- The mixing ratio of Wonder Grout is 20 kg of powder to 5 Litres of liquid.
- Shake the Wonder Grout liquid well, and then pour into a clean container. Gradually add the Wonder Grout powder while mixing continuously until a smooth lump free consistency is achieved.
- Always use a mechanical mixer to mix the two components of Wonder Grout. This ensures a thorough and consistent colour. Do not mix by hand.
- Always add powder to liquid. Allow the mix to stand for 10 minutes then re-stir prior to applying to the joints.

Application:

- Apply the mixed Wonder Grout using a firm rubber grouting trowel forcing the grout into the joint in a direction diagonal to the tile joint, ensuring that as you go you remove as much surplus grout from the tile surface as possible.
- Before the grout has dried on the tiles, use a damp sponge to remove the residue.
- Allow the grout to cure in the joints for 45 minutes (subject to the tile type and temperature) before using a damp sponge to commence the initial clean up.
- The secondary clean up can be done after approximately 48 hours using a damp sponge or a soft bristle brush with water.
- Note: Do not allow the excess water to sit on the grout surface during the drying process as this will cause discolouration of the grout.

Clean up:

- Tools and other equipment can be cleaned up using water while the adhesive is still wet.

Coverage:

The coverage of Wonder Grout will depend upon the size and thickness of the tile and the width of the grout joint. As a general guide:

Tile Size (mm)	Qty or grout required kg/m ² . Joint width 1.5mm	Qty of grout required kg/m ² . Joint width 3mm	Qty of grout required kg/m ² . Joint width 6mm
50x50x6	0.8	1.6	-
100x100x6	0.4	0.8	1.6
150x150x6	0.3	0.6	1.2
200x100x6	0.4	0.6	1.2
300x300x10	0.4	0.8	1.6

Packaging/ Shelf Life:

- Available in: 20 kg/ 5 L and 2kg/ 500g kits. The liquid component is available in a wide range of different colours.
- When stored in a cool, dry environment, and above ground level, Wonder Grout will have a shelf life of approximately 12 months.

Handy Tips:

- For areas where Wonder Grout will be exposed to constant water, or require constant cleaning, allow the Wonder Grout at least 5 days drying prior to exposing it to water.
- Floors that have excessive movement or bounce must be referred back to RLA prior to grouting with Wonder Grout.
- Wonder Grout is classified as a non-hazardous product.
- For a full MSDS on this product please contact your nearest RLA office.

Technical Data:

Properties	Results
Appearance	Off-white powder/ coloured liquid
Density	Powder 1.68, Liquid 1.12 +/- 0.05
Drying time @ 20oc	Approx. 48 hours
Pot Life @ 20oc	Approx. 40 minutes
Full Cure	Approx. 5 days

The information supplied is to the best of our knowledge true and accurate. The actual application of the product is beyond the manufacturer's control. Any failure or damage caused by the incorrect usage of the product is not the responsibility of the manufacturer. The manufacturer insist that all workmanship must be carried out in accordance with AS3958 part 1 1991. It is also the responsibility of the end user to ensure that the literature in their possession is the latest issue.