



SOUTH AFRICA

Data Sheet Grout 5kg

Stick a Tile – Acid Resistant Grout is a cement-based chemical resistant grout specially formulated for interior and exterior wall and floor applications.

Surface Preparation

1. Allow 24 hours for tile adhesive to dry before grouting with stick a tile grout. (For sealed or non-porous surfaces allow 48 hours).
2. Surface must be free of dust and all excess adhesive must be removed before grouting can start.
3. Seal unglazed tile with a sealer to prevent staining
4. Use a minimum joint width of 5mm.
5. Do not butt-joint tiles

Mixing

1. Add gradually 5kg of Stick a Tile – Acid Resistant Grout to 1.35 litres of cold clean water.
2. Mix to a creamy paste.
3. Allow mix to stand for 5 minutes.
4. Remix before use.
5. Do not mix more Stick a Tile – Acid Resistant Grout than can be used within +/- 1 hour.
6. In wet or permanently wet conditions, heavy traffic areas, or where some flexibility is required replace the water in the mix with Stick a Tile Bond. Note that Stick a Tile – Acid Resistant Grout mix with bond will dry a shade darker.
7. Do not add too much water or attempt to extend the working time by adding more water as this will cause the set grout to be weak with a tendency to crumble or powder. It may also cause surface discolouration and variation, especially with darker colours.

Application

1. Apply Stick a Tile – Acid Resistant Grout liberally to the surface and work into joints with a squeegee.
2. Completely fill the joints leaving no voids. Excess grout must be removed immediately.
3. Allow the grout to dry for 2 hours before cleaning with a damp (not wet) sponge
4. Do not allow any excess moisture to remain on the grout joints
5. The joints can be finished off by pointing along the joint lines
6. Allow 24 hours before polishing the joint lines with a dry clean cloth.

Acid resistance performance

- Citric Acid 10%: Good
- Coke pH6: Excellent
- Orange Juice pH5: Excellent
- Tomato Puree pH5: Excellent
- Vinegar pH5: Excellent
- Sodium Hydroxide 10%: Excellent
- Concentrated Detergent: Excellent
- Sugar Saturated: Excellent
- Toluene: Excellent
- Petrol: Excellent
- Milk (Lactic Acid): Excellent
- Blood (Lactic Acid): Excellent
- Sodium Chloride: Excellent

Note : results were obtained after a 7 day soak

Guarantee

We guarantee that Stick a Tile products meet the product specification and will be free of any defect. Any guarantee with regard to the performance of Stick a Tile products will be subject to the professional and practical application of Stick a Tile products in accordance with our instructions and specifications. The guarantee would become void should the Stick a Tile product be contaminated or altered by the addition of cement, sand or substance other than recommended by us.

We have no influence over specific site conditions and therefore, if in doubt, the user should first carry out sufficient tests to ensure that the product is suitable. In special cases, obtain professional advice from the Stick a Tile technical department.

Note: It is required that we be informed within a reasonable time of suspected defect and afforded the opportunity to investigate the problem in detail.

Warning

Do not ingest. Keep away from children and pets. Do not empty in drains.

Precautions

Wear rubber gloves. In the event of contamination, rinse thoroughly with cold clean water and seek medical assistance if irritation or discomfort should occur.

Coverage

Use the following formulation to calculate the quantity of Stick a Tile – Acid Resistant Grout required per square metre of tiling:

$$\text{kg/m}^2 = (A+B / A \times B) \times C \times D \times 1.7$$

A = length of tile; B = width of tile; C = thickness of tile; D = average joint width

Product Properties

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|--------------------------|---|
| Final Setting Time: | 24 hours at 20C |
| Pot Life: | 90 minutes at 20C |
| Water Demand: | 1.35 litres per 5kg |
| Application Temperature: | Do not apply below 5C or above 30C |
| Shelf life: | 6 Months from production |
| Storage: | Store product in a dry and covered area at temperatures above 5C. Do not store directly on floor surface. Avoid large changes in temperature and humidity in storage environment. |

