

ULTRA WATER REPELLENT GROUT – TDS

Product Name:

Ultra Water Repellent Grout

Product description:

It is a superior quality high polymer fortified, high performance cementitious grout with hydrophobic properties that allow tile joints to resist water. Ultra water repellent grout comprise of a blended Portland cement, chemical additives, fortifiers, and fillers. Easy to mix and apply mix Ultra admix GM1 for additional strength and enhanced performance.

Advantages:

- Non shrinkage
- Water and Weather resistant
- Easy to apply clean and maintain
- Good compressive strength
- Improved stain resistant
- Smooth and fine finish
- Colour fast

Area of application:

- Residential Walls and Floors,
- Interiors & Exteriors
- Dry areas
- Swimming pools*
- Work Tops*
- Showers*

* Use with admixture GM1

Coverage:

Depends on the tile size & joint width between the tiles calculation as below Formula (All dimensions in MM only)

$$\frac{(\text{Tile Length} + \text{Tile Breadth}) \times \text{Tile thickness} \times \text{Joint Width} \times \text{Specific gravity}}{(\text{Tile length} + \text{joint width}) \times (\text{Tile breadth} + \text{joint width})} = \text{kg/m}^2$$

(Tile length + joint width) x (Tile breadth + joint width) = kg/m²

Specific Gravity – 1.3

Surface Considerations:

- 1 Joints should be free from efflorescence, laitance, dirt and other loose material. Remove thoroughly by dry brushing.
2. **Clean:** All joints should be cleaned down by washing with water containing detergent, then with clean water.
3. Ensure the joints are dry before grouting.

Mixing Procedures:

Mix the Ultra Water Repellent Grout with clean water until a lump-free smooth paste of uniform colour is obtained. If an electric drill mixer is used blend on a slow speed (less than 300rpm). Avoid entraining air by mixing at too high speed or by over mixing. Do not reconstitute the mixed grout by adding more water; this will reduce the final strength.

1. Using a grout float or rubber squeegee compact the grout into the joints ensuring that they are completely filled. Work in small areas and remove as much excess grout from the tile surface as possible. Do not exceed the working time of the grout.
2. Use a sponge or sponge-board, dampened with clean water to clean the tile surface. Allow about 15 minutes for the grout to dry a little before cleaning off. Clean diagonally to the joint lines.
3. Finally wash down with clean water with sponge to remove any dried grout film from the tile surface.
4. Once the grout has sufficiently set within the joints, polish the tile surface with a clean cloth. Alternatively give a final wash down with clean water using a dampened sponge.
5. Use in conjunction with Ultra Green Admix GM1. (See datasheet of Ultra Green Admix GM1 for further details).
6. The addition of Ultra Green Admix GM1 to Ultra Water Repellent Grouts will enhance adhesion to tile edges, reduce water permeability and imparts flexibility.

Technical Specifications:

Mixing Ratio	1: 3 Water: P.b.w
Mixing	Two part system
Pot life	30 min @25* C
Compressive strength	>12 KN after 2 days
Foot traffic	24 hours

Note:

a. Care should be taken to avoid staining tiles when grouting with colour material. This is especially applicable when grouting unglazed floor tiles, quarry textured surface, Check the potential risk of staining by applying the grout to a few tiles in a small trial area.

B. The addition of Ultra Green Admix GM1 to Ultra Water Repellent Grout will enhance adhesion to tile edges, water-resistance and improves flexibility.

C. Use Ultra Green Tile spacers for uniform joint width.

Precautions:

Keep out of reach of children, wear suitable protective clothing. Gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of

ULTRA GREEN CONSTRUCTION CHEMICALS

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contact with eyes rinse immediately with plenty of clean water and seek medical advice.

Corporate office:

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