

1.0 Description:

- TILE GROUT AB is a one component, cement base, fine powder used as Tile grouting for Thickness up to 4mm.
- Can be applied to vertical and inclined surfaces.
- Requires Minimal amount of water to ensure highest strength after curing.
- Has hydraulic and synthetic polymers bond.

2.0 Uses:

- As tile grouting for cement, mosaic, ceramic, marble, granite and porcelain tiles in Kitchens, bathrooms, swimming pools, etc up to 4mm.

3.0 Approval & Certification:

Pull off test to concrete	: ASTM D7234
Anti-microbial test	: ASTM G21

4.0 Colours:

Grey / white / Beige Cementous colours
Maybe produced in others colours within the range that the Cementous hues may allow.

5.0 Product Data:

Pull off test to concrete	: 0.71	N/mm ²
Anti-microbial test	: See attached certificate	
Density on wet	: 1.93	gm/cm ³

6.0 Consumption per coat:

Consumption	: 65	gm/m ¹ for 4mm width and 8mm depth
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7.0 Surface Preparation:

- The tiled surface should be bedded for at least 24 hours.
- All weak or separated Tiles should be replaced.
- The tiles must be clean & free of oil grease, dust, or any other dirt.
- Joints shall be emptied, cleaned, and free of tile adhesive.
- Porous tiles should be protected before applying TILE GROUT AB.

8.0 Application Methods:

1. Clean joints & remove any extra adhesive at edges.
2. Damp the joints with water.
3. Put water in vessel & add TILEGROUT AB (powder) & mix well.
4. After 5 minutes repeat mixing.
5. Apply TILEGROUT AB using a rubber edged spatula to fill the joints.
6. Using a wet sponge clean tile from extra TILEGROUT AB before setting
7. Polish the tiles using a clean dry cloth.
8. Clean tools immediately after application.

Notes:

- *Temperature of the substrate should be min 10°C and below 40°C.*
- *Good ventilation should be ensured*



9.0 Product mixing Ration by weight:

Water Ratio	: 25% \pm 3%	by weight
Container	: Double Sealed plastic bags	
Total weight	: 5, 20	kg

Notes:

- *Slow Mechanical Mixing is recommended.*
- *Mix TILEGROUT AB with water in a different container to reach ultimate results.*
- *Mix to a paste and allow to thicken for 5 minutes. Re-mix without adding water and use within one half an hour.*

10.0 Pot life, Drying and curing time:

Initial Curing Time	: After 24 hours of mixing.
Final Curing Time	: After 28 days at ambient temperature.
Pot Life	: 30 min. at 24°C

11.0 Disclaimer:

- The information in this document is given to the best of our knowledge, based on laboratory testing and practical experience. We cannot guarantee anything but the above-mentioned quality of the products themselves. Minor product variations may be implemented to comply with local requirements. We reserve the right to change the given data without further notice. Users should always consult us for specific guidance on the general suitability of this product for their needs and specific application practices.
- Samples of any approved delivered materials shall be retested after delivery.
- These products are for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to our technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to our responsible representative for approval before commencing the work.

12.0 Handling of Cement Products:

- Avoid contact with eyes and skin. Emergency showers and eyewash stations should be readily accessible.
- Adhere to work practice rules established by government regulations.
- Use personal protective equipment.
- When using, do not eat, drink, or smoke.

13.0 Compatibility:

- Primers applied prior to specified product shall always be acrylic or cement-based products.
- Finishing layers can be cement, acrylic, alkyd, epoxy or polyurethanes products.

14.0 First aid Measures:

- General advice: Seek medical advice. If breathing has stopped or is laboured, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
- Eye contact: Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.
- Skin contact: Immediately remove contaminated clothing, and any extraneous chemical, if possible, to do so without delay. Initiate and maintain gentle and continuous irrigation.
- Take off contaminated clothing and shoes immediately.
- Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
- Inhalation: Move to fresh air.

15.0 Storage:

- Store above ground and surrounded by dikes to contain spills or leaks.
- Do not store in humid or extra hot weathering conditions.
- Keep containers tightly closed away from heat & in dry, cool, and well-ventilated place.