

Technical Data Sheet



Ressi TG 820

Cement based mold and fungus resistant
tile grout

Ressi TG 820 is a colorfast cementitious grouting for use as a joint filler for most types of ceramic tiles and natural stone applications. **Ressi TG 820** is waterproof and can be used for both internal and external application. **Ressi TG 820** is an ideal grout to be used for its application in bathrooms and swimming pools. **Ressi TG 820** is specially designed for areas where there is high presence of moisture and special protection against mold, fungus and bacterial is required.

Advantages

- ✓ Waterproof
- ✓ Prevents mold
- ✓ Good adhesion
- ✓ Does not stain tiles
- ✓ Excellent UV resistance
- ✓ Available in many colors
- ✓ Resistant to cracking
- ✓ No sealer required after application
- ✓ Does not allow fungus to grow
- ✓ Anti-bacterial
- ✓ Resistant to mild acids and detergents.

Surface preparation

Before commencing grouting ensure that the tile adhesive has set firmly. The recommended tile adhesive to be used with **Ressi TG 820** is of the Ressi TA range. The usual requirement for the drying of the tile adhesive is 24 hours. Remove any spacer, lugs, scrape out any excess adhesive any loose foreign material from the grout joints. The joints have to be clean, free from dust deposits and other contaminations which may affect the adhesion. The suction in the background should be neutralizer by applying clean potable water. There should be no free water in the joints to be grouted as this could lead to de-bonding.

Product Preparation

Pour premeasured clean water into a clean bucket and then slowly add the grout powder stirring continually until a lump free toothpaste consistency is achieved. The powder should be added over the water to avoid the settlement of the material at the bottom of the mixing container. The Mixing container should be uncontaminated, non-corrosive and clean. Only potable water should be used for mixing. It is also recommended that the material should be mechanically mixed with a mortar mixer or other mechanical mixing methods to obtain a consistent lump free mix.



RESSICHEM (Pvt.) LIMITED

Plot # D-83, S.I.T.E., Industrial Area, Manghopir Road, Karachi-75530, Pakistan.
Tel: +92 213 259 3800-02, Fax: +92 213 259 3803

www.ressichem.com

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Application

Ressi TG 820 is to be applied with the tile joints using a rubber spatula, taking care to ensure that the grout is well compacted into the joints. The excess material on the surface of the tile should be removed using a dry cloth or sponge. Use a damp sponge to clean up the remainder of the grout. Regularly clean the sponge out to assist in cleaning.

Technical Data

Appearance	Grey, White or Colored powder
Composition	Contains cement, & selected aggregates along with additives & pigments to improve consistency, workability & durability.
Maximum aggregate size	0.3mm
* Water application	36% ± 5%
* Wet Mix life	Tested as per BS EN 1015-9 approximately < 30 Minutes @ 20°C
* Approximate Yield / Coverage	0.85m ³ / T

*Typical Results under laboratory conditions

Curing

No Curing required

Shelf Life

Expiration of **Ressi TG 820** at 12 months after production date under dry and sheltered conditions.

Packaging

Ressi TG 820 is available in 1 KG and 20 KG bags

Health and Safety

Ressi TG 820 is regarded as non-hazardous for transportation. Do not reuse bags or containers and dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application. Please Refer to the MSDS of the product for further health and safety information.



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