



High Tech Grout

High Tech Grout is a colorfast cementitious grouting for use as a joint filler for most types of ceramic tiles and natural stone applications. **High Tech Grout** can be used for both internal and external application. **High Tech Grout** is an ideal grout to be used for its application in dry areas.

ADVANTAGES

- ✓ Prevents mold.
- ✓ Good adhesion.
- ✓ Does not stain tiles.
- ✓ Excellent UV resistance.
- ✓ Available in many colors.
- ✓ Resistant to cracking.
- ✓ No sealer required after application.

SURFACE PREPARATION

Before commencing grouting ensure that the tile adhesive has set firmly. The recommended tile adhesive to be used with **High Tech Grout** is of the High Tech Grout 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 must be clean, free from dust deposits and other contaminations which may affect the adhesion. The suction in the background should be neutralized 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.

APPLICATION

High Tech Grout 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.



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High Tech Grout

TECHNICAL DATA

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

*Typical results under laboratory conditions.

CURING

No Curing required

SHELF LIFE

Expiration of **High Tech Grout** at 12 months after production date under dry and sheltered conditions.

High Tech Grout is available in the following packaging.

1 KG pouches Supplied in 20 KG Cartons.
15 KG Bags Supplied as individual bags.

HEALTH AND SAFETY

High Tech Grout 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.

NOTE

High Tech Grout is available in many standard different colors. Please Refer to the product shade card for color reference. Please note that the colors presented in the shade cards are for reference, the color shade may vary with the difference in the application of water and application methodology and the production availability of pigments at source.



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NOTE:

If printed bags are not available, neutral bags with label. Lot number and manufacturing date to be stamped at the back of each bag.



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