

## MORA GROUT

**MoragROUT** is a cementitious polymer modified tile grout composed of hydraulic binders, selected aggregates, special additives, and polymers. It is supplied as a dry powder in pre-weighed bags ready to use on-site, which requires only the addition of clean water to produce easily workable mortar. Grout is ideal for jointing Ceramic, Terrazzo, and Marble. Tile Grout is available in white and grey, also available in Mora mix standard colors and different packing. Tile Grout is applied in a thickness of 3-6 mm for wall tiles and 3-8 mm for floor tiles.



### Uses:

- ✚ Grouting of walls and floor joints subjected to a varying range of dry or humid conditions.
- ✚ Compatible with Mora mix tile adhesive range.
- ✚ Suitable for use on most tiles joint of most tiles' types such as Ceramic, Porcelain, Terrazzo, Marble.

### Advantages:

- ✚ Factory controlled pre-blend ensures consistently high quality.
- ✚ Requires only the addition of water on-site at the time of usage.
- ✚ Easy tile installation that enables high productivity.
- ✚ Superior workability.
- ✚ Excellent bonding on a variety of tiles available in the local market.
- ✚ Water & weather resistant
- ✚ Suitable for internal & external applications
- ✚ Suitable for horizontal & vertical surfaces.

### Standards Compliance:

- ✚ BS: EN 13888
- ✚ SASO ISO 13007-3,4 as CG2AW

### Usage Instructions:

#### Surface Preparation:

- ✚ Remove all tile adhesive excess that is at a level higher than half of the tile thickness.
- ✚ All the joints should be free from dust, loose materials & traces of foreign materials, etc. Neutralize the tiles' water absorption by applying clean potable water.
- ✚ Do not leave water pooling in the joints.

### Mixing:

- ✚ For Grout mortar preparation, pour into the mixing container 3.5-4 liters of water for each 10Kg bag or 7-8 Liters for 20Kg bag of Mora Grout. Add the powder to the water and mix with a low-speed electric drill fitted with suitable paddle for 5-7 minutes until achieving a uniform, lump-free consistency. Allow the mixed material to stand for about 10 minutes and remix briefly without adding water.
- ✚ Blend Mora Grout manually for small quantities and maintain the correct mixing ratio of powder to water.
- ✚ Do not add water to the mixture once the mortar grout starts to harden.

### Application:

- ✚ Apply Mora Grout using either a rubber blade, a grouting trowel, a rubber spatula, or a sponge.
- ✚ Spread the mixed grout diagonally across the tile joints and firmly press it with a rubbing pad covered with a sponge rubber spatula to ensure filling all the gaps.
- ✚ Remove excess grout that remains on tiles using the same tool.
- ✚ After the grout initially dries, from 15-30 minutes, depends on the ambient temperature & humidity, clean the tiles and remove all excess material with a wet sponge.
- ✚ After full drying, clean the surface of the tiles with a dry cloth or dispensable cotton towels.
- ✚ When washing & drying the tiles, ensure not to rub the tile joints too deep.
- ✚ Keep the grout moist for the first 2 days after application to ensure achieving good hardened properties.

### Cleaning:

Clean tools and equipment with water immediately after use. Hardened materials will require removal by mechanical means.

### Shelf Life & Storage:

The original sealed bag of Mora Grout has a shelf life of 12 months provided it is stored clear of ground in a dry, shaded place below 35°C.

### Health & Safety:

Mora Grout is highly alkaline; therefore, avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be washed with soap & water. In case of eye irritation, immediately wash with a copious amount of clean cold water. Seek medical advice. Mora Grout is non-flammable.

## Technical Data:

Mora Grout	Typical Values @ 25°C
Appearance	Colored Powder
Aggregate Size	0.7 max
Application Thickness	2 to 8 mm
Pot Life	60 minutes
VOC	< 25 gm/Liter
SASO ISO 13007-3 Classification	CG2 AW
Compressive Strength @ 28 day SASO ISO 13007-4	≥ 21 MPa
Flexural Strength @ 28 day SASO ISO 13007-4	≥ 3.5 MPa
Abrasion Resistance SASO ISO 13007-4	< 500 mm <sup>3</sup>
Water Absorption SASO ISO 13007- 4	< 0.5 gm
Mixed Density	1.85 Kg / Liter
Min. application temperature	5°C

## Packaging & Coverage:

**Consumption:** Wall: 0.3 - 0.5 Kg/ LM/3mm Joint Floor: 0.5 - 0.8 Kg/ LM/5mm Joint.

Stated consumption data are for general guidance. Actual consumption depends on the nature of substrate, method of application, and wastages.



**Pack Size:** 5, 10, 20 kg.