



त्रिमूर्ति®

सुंदरता की पहचान

PREMIUM UNSANDED
TILE GROUT
Specification



DESCRIPTION

Trimurti Premium Unsanded Tile Grout is a polymer modified cementitious grout for all kinds of tiles. It has a water resistance property. It can be used for both internal and external areas. It's effectively fills the gaps & levels itself to give hard wearing, non-dusting, tile joints.

Typical Properties

- ▶ Color:- Available in Standard Colors
- ▶ Pot Life:- 15 ± 5 Minutes
- ▶ Powder Density:- 1.0 – 1.1 Kg/Litre
- ▶ Mix Density:- 2.35 – 2.45 Kg/L

Area Of Application

- 01** For Grouting ceramic and vitrified tiles, Marbles, and natural stones.
- 02** Interiors and exteriors

Application Method

- ▶ Tile adhesive should be completely dry before applying cementitious tile grout. Before grouting, remove the spacers and debris from the grouting area.
- ▶ Surface must be cleaned and free from dirt, dust, foreign matter, and standing water.
- ▶ Gradually add grout powder to water in a ratio of 3:1 by volume and mix with a slow-speed stirrer to form a homogeneous, lump-free, and smooth paste.
- ▶ Apply grout in between tile gaps with a spatula or rubber trowel.
- ▶ Using rubber trowel/Cloth/tissue paper to clean excess grout present over tiles. Allow the grout to touch dry.
- ▶ Post application, clean the tiles with a wet and soft sponge as soon as the tile grout is touch dry.

Coverage

Depends on the depth and width of joint. Consumption can be calculated by formula.

Grout Consumption in kg/m² - $\frac{(\text{Length of tile} + \text{Width of tile}) \times \text{Depth of joint} \times \text{width of joint} \times \text{Density}}{(\text{Length of tile} + \text{Width of joint}) \times (\text{Width of tile} + \text{Width of joint})}$

Packing

1 Kg unit (1 Kg x 10 pouches in a carton).

TECHNICAL INFORMATION

Test Specification requirement ANSI A118.3 – 1999, EN 13888, ISO 13007 Part-3: 2005

S.No.	Test Property	Test Method	Specification	Typical Value
1	Color	NA	As per shade card	NA
2	Water Demand	NA	32 to 33%	NA
3	Abrasion Resistance	ISO-13007 Part 4:2013	$\leq 2000 \text{ mm}^3$	300 – 450 mm^3
4	Flexural Strength	ISO-13007 Part 4:2013	$\geq 2.4 \text{ N/mm}^2$	7.6 – 9.5 N/mm^2
5	Compressive Resistance	ISO-13007 Part 4:2013I	$\geq 15 \text{ N/mm}^2$	22 – 24.2 N/mm^2
6	Shrinkage	ISO-13007 Part 4:2013	$\leq 3 \text{ mm/m}$	1.8 – 2.2 mm/m
7	Water Absorption			
	After 30 Minutes	ISO-13007 Part 4:2013	$\leq 5 \text{ gm}$	$\leq 5 \text{ gm}$
	After 240 Minutes	ISO-13007 Part 4:2013	$\leq 10 \text{ gm}$	$\leq 10 \text{ gm}$

Note:- Shade card is for reference of shade only. Actual shade may not match 100% with that in the shade card.

Storage & Shelf Life

Original unopened packaging Stored in dry Condition has a shelf life of 12 months from the date of manufacturing. Storage in high humidity will reduce the shelf- life of product.

Precautions during Usage

- ▶ During cold weather, protect finished work from traffic until fully cured.
- ▶ Avoid contact with eyes and prolonged contact with skin as it may cause irritation.
- ▶ In case of contact, flush thoroughly with water.
- ▶ Avoid breathing dust.
- ▶ Wear a mask and gloves during mixing. Keep out of children's reach.

Disclaimer

- ▶ Shades are of indication purpose only. Actual appearance and compatibility depends on job site condition. Before commencing the installation, check the shade in test area.
- ▶ It is advised to get a combination of grouts of same shade in same batch number to get uniform color.
- ▶ Trimurti Tile Grout is not responsible for any additional damages or consequential damages, including low due to delay, incurred by the purchaser of any party.

Note: - It is always advisable to keep 100% additional material considering wastage and spillage.