

# TG25 UNSANDED GROUT

DS-EN-TG25-0726

## PRODUCT NAME

TG25 Unsanded Grout

## COLOR

Refer to Grout Colors Card

## MANUFACTURER

**T M Building Materials Pvt. Ltd.**

Plot No.49/92, Site-IV, Sahibabad Industrial

Area, Uttar Pradesh, India

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Website: [www.tammyindia.com](http://www.tammyindia.com)

## PRODUCT DESCRIPTION

TG25 Unsanded Grout is a polymer modified unsanded cementitious tile grout that provides characteristics of color-fast, weather resistance, alkali resistance, anti-aging, and durability.

## FEATURES AND BENEFITS

- Uniform color
- Enhance the bonding strength between substrate and tiles
- Reduce the efflorescence and cracking
- Easy to use, just mix with water
- Easy to clean-up and maintenance

## USES

- Joint width from 0 to 3mm
- Most type of tiles, stone and mosaic
- Interior and exterior, walls and floors
- Dry and wet areas

## PACKAGING

1kg/bag

5kg/carton

20kg/bag

## APPROXIMATE COVERAGE

Grout usage ( $\text{kg/m}^2$ ) =  $[(a+b)*c*d*1.5 / (a*b)]$

a-length of the tile

b-width of the tile

c-thickness of the tile

d-width of the joint

Actual coverage varies depending on job site conditions and labor skills..

## SHELF LIFE

Storage temperature range between 0°C and 35°C, the product shelf life in factory sealed containers is 12 months.

\* High humidity will reduce the shelf life of bagged products.

## LIMITATIONS AND CAUTIONS

- Do not use acid cleaners to clean the grouted joints
- Don't install in the rainy day, no water sprinkle within 48 hours after installation
- Don't use for expansion joints
- Certain types of tile such as porous tiles, water penetrating tiles, unglazed tiles which are more absorbent and may stain during grouting, use pointing method to apply the grout.
- DO not use to grout joints over 5mm wide.
- Avoid to leave too much grout on the tile surface that is hard to clean
- After black color grouting, clean the surface with dry towel. Clean with water after 24 hours to avoid grouting joints whitening.
- The product contains cement that is stimulus to eyes and the skin, necessary protection tools (clothes) are needed during installation. In case of splashing to the eyes, clean with sufficient water and go to see the doctors when necessary.
- Keep out of reach of children.

## TECHNICAL DATA

(Meets or exceeds ISO13007 CG2 standard.)

Test		Test results	Specification
Wear Resistance/mm <sup>3</sup> <		484	1000
Shrinkage Value/ mm/m <		1.8	3
Flexural Strength/MPa	standard testing >	5.36	2.5
	Freeze / thawing cycle after match >	3.21	2.5
Compressive Strength/MPa	standard testing >	17.0	15
	Freeze / thawing cycle after match >	19.4	15
Water Absorption/g	30 min <	1.1	2
	240 min <	2.3	5

## APPLICATION TOOLS

Mixer, Mixing Pail, Rubber Grout Float, Brick Trowel, Cutting Knife, Joint Cleaning Knife, Brushes, Measuring Cup, Sponge, Towel...

## SURFACE PREPARATION

Surface temperature range for installation must be between 5°C to 35°C. Before grouting, make sure the tiles are firmly set and the adhesive is completely dry, remove all the spacers and debris. Do not Grout joints and tile surface must be clean and free of standing water, dust, dirt and other contaminants.

## INSTALLATION

### 1) Mixing

Based on the mixing ratio powder : water = 3:1, carefully pour the required measured amount of clean cool water into a clean mixing container and slowly add grout powder. Mix by hand or with a low speed mixer (about 350rpm) for about 3 to 5 minutes, or until obtaining a smooth, creamy paste consistency and a uniform shading of the colored grout. Allow the grout to sit in the container for about 10 minutes and remix (best mixing every 15 minutes to avoid grout from hardening, hardened grout is forbidden to use).

### 2) Application

Grouting with rubber grout float, press grout fully into the joints at the diagonal direction, no space should be left. Remove all the excessive grout with rubber grout float after 10 to 20 minutes or until the grout surface has been dried to avoid bringing out the grout inside the joints.

### 3) Cleaning

After the surface dried (time varies based on the installation temperature difference), clean the tile surface in a cycling movement with damp sponge or towel. During the cleaning, if there is a place missing the grouting refill grout immediately. Wait until grout to be completely dried to clean the tile surface with cloth, remove the residue grout.

### 4) Protection

Floors: Keep free from heavy traffic for at least 72 hours after grouting;

Walls: Protect free from impact, vibration and hammering on adjacent and opposite walls for 14 days after installation.

## AVAILABILITY AND PRICE

### AVAILABILITY

TAMMY products are available worldwide.

For distributor information:

Tel: +91-120-43020132

Email: india@thmaterials.com

### PRICE

Contact a TAMMY representative / Authorized dealer in your area.

## TECHNICAL SERVICE

### TECHNICAL ASSISTANCE

Information is available by calling the TAMMY Technical Service at:

Tel: +91-120-43020132

Email: india@thmaterials.com

## DS AND MSDS

DS and MSDS are available on TAMMY website: [www.thmaterials.com](http://www.thmaterials.com)

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