



TG22 SANDED GROUT WITH POLYMER

DS-EN-TG22-20180126

PRODUCT NAME

TG22 Sanded Grout with Polymer

COLOR

Refer to Grout Colors Card

MANUFACTURER

TM Building System Canada Limited

2525 Tedlo St. Mississauga, Ontario, L5A 4A8,
Canada

Tel: 905-275-7545

Fax: 905-275-7025

Website: www.tammycanada.com

PRODUCT DESCRIPTION

TG22 Sanded Grout is a polymer modified sanded cementitious tile grout that provides characteristics of dense, weather resistance, alkali resistance, anti-aging, and durability.

FEATURES AND BENEFITS

- Exceeds ISO13007 CG2 standard
- Exceeds ANSI A118.6 industrial standards
- Flexible, absorb the expansion and shrinkage between substrate and tiles
- 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 3 to 16mm
- Most type of tiles, stone and mosaic
- Interior and exterior, walls and floors
- Dry and wet areas

PACKAGING

3.2kg/bag (7 lb/bag)

11.3kg/bag (25 lb/bag)

APPROXIMATE COVERAGE

Grout usage (kg/m²) = [(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.

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 for the joints with less than 3mm width.
- 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.
- Keep out of reach of children



TECHINICAL DATA

Test		Test results	Specification
Wear Resistance/mm ³ <		250	1000
Shrinkage Value/ mm/m <		0.21	3
Flexural Strength /MPa	Standard testing >	9.2	2.5
	Freeze / thawing cycle after match >	9.5	2.5
Compressive Strength /MPa	Standard testing >	43.2	15
	Freeze / thawing cycle after match >	34.5	15
Water Absorption /g	30 min <	0.32	2.0
	240 min <	0.72	5.0

(Meets or exceeds ISO13007 CG2 standard.)

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 = 5.6:1, 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.

CAUTION:

Contains portland cement. if any cement or cement mixtures get into eye, flush immediately and repeatedly with water and consult a physician promptly. Freshly mixed cement, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed areas promptly with water.

WARRANTY:

The liability of TM is limited to the replacement of its products containing manufacturing defects. The foregoing warranty constitutes the



sole liability of TM with respect to this product, and is in lieu of and excludes all other conditions, warranties, guarantees, obligations, rights or representations (including any warranties of merchantability, fitness or durability), whether expressed or implied and whether arising by operation of law or otherwise. TM shall not be liable for any damages whatsoever, including any damages for negligence or fundamental breach or for personal injury or property damage, direct, or indirect, consequential or special, resulting from or alleged to have resulted from the use of or the inability to use the product. No representative of TM or any other person or entity has any authority whatsoever to assume any other warranty on behalf of TM. This warranty may not be modified or amended.

AVAILABILITY AND PRICE

AVAILABILITY

TM products are available worldwide.

For distributor information:

Tel: 905-275-7545

Email: info@tammycanada.com

PRICE

Contact a TM representative / Authorized dealer in your area.

TECHNICAL SERVICE

TECHNICAL ASSISTANCE

Information is available by calling the TM Technical Service at:

Tel: 905-275-7545

Email: info@tammycanada.com

TDS AND SDS

TDS and SDS are available on TM website:
www.tammycanada.com