

TG20 GROUT ADDITIVE

DS-EN-TG20-0727

PRODUCT NAME

TG20 Grout Additive

MANUFACTURER

TAMMY Energy-saving Building Materials (Beijing) Co., Ltd.

Website: www.thmaterials.com**Customer Service Hotline:**

400-811-1515 (China)

86-10 68315916 (International)

Headquarter: Room 902, Macro Link Industrial Mansion, #5 Jiachuang Road, Tongzhou District, Beijing, China**Fax:** 86-10 68318106

PRODUCT DESCRIPTION

TG20 Grout Additive, used instead of water, is specially designed to be used with sanded and unsanded grout. It improves the performance of Portland cement grouts for all types of ceramic tile, brick, marble, natural stone and agglomerate stone installations.

FEATURES AND BENEFITS

- Flexibility, compressive strength
- Chemical resistance, reduces water absorption
- Easy to clean-up and maintenance
- Inhibits powdering and cracking

USES

- All types of tile, stone, brick
- Walls and floors
- Interior and exterior

SUITABLE SUBSTRATES

All substrates suitable for ceramic tile and stone

PACKAGING

400ml/bottle

APPROXIMATE COVERAGE

Varies by application

SHELF LIFE

Storage temperature range between 0°C and 35°C, the product shelf life in factory sealed containers is 2 years.

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

LIMITATIONS AND CAUTIONS

- Should not be used when the temperature is below 5°C.
- 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.
- Not for use in areas exposed to harsh chemicals.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not designed as replacements for waterproof membranes.
- 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.

TECHNICAL DATA

(Meets or exceeds ANSI A118.7 standard.)

PERFORMANCE PROPERTIES

TG20 Grout Additive mixed with TG25/TG27 Unsanded Grout

Test	Testing Results
Water absorption	<5%
Compressive strength/MPa	24.3
TCA Service Rating	Extra heavy
Linear Shrinkage	<0.1%

WORKING PROPERTIES at 21 °C

TG20 Grout Additive mixed with TG25/TG27 Unsanded Grout

Test	Testing Results
Pot Life	1 hour
Foot Traffic Time	24 hours
Heavy Traffic Time	72 hours
Wet Density	1800kg/m ³

Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site condition

APPLICATION

TOOLS

Low-speed Mixer, Mixing Container, Sponge, Rubber Grout Float etc.....

SURFACE PREPARATION

Remove spacers and debris in grout joints before grouting, and remove dust and dirt with a wet sponge. Do not leave water standing in joints. Substrate temperature must be between 5°C and 35°C.

INSTALLATION

1) Mixing

Stir or shake TG20 Grout Additive thoroughly before use. Add TG22/TG26 Sanded Grout or TG25/TG27 Unsanded Grout powder to proper amount of TG20 Grout Additive, then mix with a slow speed mixer (about 350rpm) to a smooth, creamy paste consistency.

2) Application

Press grout into joints at 45 degree angle with rubber grout float. Best mixing every 15

minutes to avoid grout from hardening, hardened grout should be discarded. Fill all the joints with compact grout and remove the excess grout off the tile surface.

3) Cleaning

Wipe clean the surface in a single direction circular motion with a clean damp sponge (not wet) or a piece of clean damp cotton cloth. Fill all the low spots with grout until the joints repaired. Once the grout dried completely, perform the second surface cleaning until the surface completely cleaned and the joints smoothed.

WARNING

Please follow manufacturer's written instructions straightly. Our company is not responsible for any losses caused by the applications exceed the scope of the product application range. For any special application requirements, please contact us for the suitable product series.

AVAILABILITY AND PRICE

AVAILABILITY

TAMMY products are available worldwide.

For distributor information:

Tel: 400-811-1515 (China)

86-10 68315916 (International)

Email: tammy@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: 400-811-1515 (China)

86-10 68315916 (International)

FAX: 86-10 68318106

DS AND MSDS

DS and MSDS are available on TAMMY website: www.thmaterials.com

TAMMY ENERGY-SAVING BUILDING MATERIALS (BEIJING) CO., LTD

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