

TG31 PREMIUM EPOXY GROUT

DS-EN-TG31-0727

PRODUCT NAME

TG31 Premium Epoxy Grout

COLOR

Available in a range of more than 30 colors

MANUFACTURER

TAMMY Energy-saving Building Materials
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PRODUCT DESCRIPTION

TG31 Premium Epoxy Grout is a multi-component high performance epoxy grout with color-coated quartz, color consistency, stain resistance, easy maintenance, non-sag for walls and floors, durability, water-cleanable and easy to apply.

FEATURES AND BENEFITS

- High stain and chemical resistance
- Color-coated quartz, color consistency and durability
- Water-cleanable for ease of application
- Non-sagging for walls and floors applications
- Mold-proof technology applied to stop mold and mildew
- Easy to maintain, and cleanable to the original color
- Low VOC, green and environment friendly

USES

- Ceramic tile, stone and mosaic
- Exterior and interior
- Walls and floors

- Kitchens, bathrooms, showers, pools and other wet area applications

PACKAGING

5kg/set

(Part A: 1kg, Part B: 0.5kg, Part C: 3.5kg)

10kg/Set

(Part A: 2kg, Part B: 1kg, Part C: 7kg)

APPROXIMATE COVERAGE

Grout usage (kg/m²) = [(a+b)*c*d*1.6 / (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 2 years.

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

LIMITATIONS AND CAUTIONS

- Optimum installation surface temperature is 20°C. surface temperature range for installation must be between 10°C to 30°C
- DO NOT add water or any other materials to the mixture
- Test ahead to determine your result before grouting the entire application
- Working time of grout is approximately about 60 minutes at 20°C after the parts are thoroughly mixed. Warmer climates will shorten working time, while colder conditions will extend working time.
- Use clean water for cleaning.
- DO NOT ingest internally and avoid dust breathing.
- Keep out of reach of children

TECHNICAL DATA

(Meets or exceeds ISO13007 RG1 standard.)

Test	Testing Results	Specification
Abrasion resistance/mm ³ ≤	194	250
Flexural strength /MPa ≥	36.8	30.0
Compressive strength/MPa ≥	47.2	45.0
Shrinkage/mm/m ≤	0.8	1.5
Water absorption 240min/g ≤	0.09	0.1

APPLICATION

TOOLS

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

INSTALLATION

1) Mixing

Take out all the parts from packaging pail. Cut the Part A and Part B pouches and squeeze all the liquids into the empty pail. Mix liquids with an electric slow drill mixer for 1 to 2 minutes, then add the Part C into the liquid and mix well. Add Part D when required, and completely mixing all the parts well.

2) Grouting

Immediately apply the grout evenly to the tile joints, and then press the grout with a 45 degree angle into the joints with the rubber or sponge grout float. Fill all the joints with compacted grout and remove the excess grout off the tile surface.

3) Initial Cleaning

Installation temperature range: 10℃ to 30℃ with the optimum temperature of 20 ℃. The surface needs to be cleaned within 10 to 20 minutes after grouting. Dip the sponge in the clean water and squeeze it to dry and then wipe clean the surface in a single direction circulars motion, remove the excessive grout. Fill all the low spots with the grout until the joints to be repaired.

4) Final Cleaning

After the initial cleaning, wipe the surface in the diagonal direction with a clean wet sponge to perform the second cleaning until the surface is completely clean with smooth joints. The each side of the sponge can only be used once during the cleaning process.

5) Surface Protection

During the application and the application completion, the finish surface must be protected. Avoid the dust or other stain damaging the joints and surfaces. After about 24 hours, until the grout has been completely dried, the surface can be ready for foot traffic.

MAINTENANCE

TG31 Premium Epoxy Grout requires cleaning with a neutral PH soap and water.

TG31 Premium Epoxy Grout durability may depend on proper application conditions and maintaining products supplied by other manufacturers.

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)

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DS AND MSDS

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

**TAMMY ENERGY-SAVING BUILDING
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