



Aquatech LTD.

PRODUCT DATA SHEET

Aquacrete TG100

High-performance tile grout for wall and floor joints

Product Description

Aquacrete TG100 is a cement-based colored grout formulated with high-quality Portland cement, fine aggregates, polymer powders, and additives. It provides excellent crack resistance, hydrophobicity, easy application, and eco-friendliness.

Where To Use

- It is suitable for filling tile joints 3–12 mm wide, ensuring durable and decorative finishes with multiple color options.

Recommended Usage

6.00kg/m²
Suitable for filling joints (3–12 mm) in ceramic tiles, porcelain tiles, vitrified tiles, and marble.

Product Features

- Crack resistance and dense texture for enhanced decorative effect
- Good resistance to powdering, prevents staining
- Easy to clean and maintain a hygienic surface
- Even and stable color distribution
- Available in Black / White / Gray

Storage & Transportation

- Protect from sunlight, rain, and freezing during transport.
- Store on pallets in ventilated, dry areas. Avoid moisture and stacking >10 layers.
- Shelf life: 12 months (unopened, normal conditions)

Safety Instructions

- Contains cement, may irritate eyes and skin. Wear protective gloves, goggles, and masks during application.
- Avoid inhaling dust. In case of contact with eyes/skin, rinse immediately with water and seek medical advice.

Supply & Packaging

Packaging: 20 kg / bag

+852 3611 6196

+852 3611 6196

info@aquatech.hk

aquatech-mat.com



Unit 8,7/F, Seaview Centre,
139 HOI BUN ROAD, KWUN TONG, KOWLOON, HK

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Technical Specification

(JC/T 1004-2017 CG1 Type)

Category	Performance Indicators
Wear resistance (mm ³)	≤ 2000
Flexural strength (MPa)	≥ 2.50 (standard & after freeze-thaw)
Compressive strength (MPa)	≥ 15.0 (standard & after freeze-thaw)
Shrinkage value (mm/m)	≤ 3.0
Water absorption (g)	≤ 2.0 (30 min) / ≤ 5.0 (240 min)

Construction Method

- Surface Preparation: Remove adhesive/debris from tile joints, ensure no standing water. Pre-wet porous tiles before grouting.
- Mixing: Gradually add powder into clean water, mix into lump-free paste, rest 5 minutes, stir again before use. Use within 2 hours.
- Grouting Process: Apply grout with a sponge scraper, pressing firmly into joints. Clean diagonally with a damp sponge after 20–30 minutes. Perform final cleaning after 24 hours.
- Maintenance: Protect from rain or water flushing within 24 hours. Ensure proper curing for strength development.



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