

Viacrete Cementitious Grout

PRODUCT DESCRIPTION:

Viacrete Cementitious Grout is a high-quality, polymer-modified, cement-based tile grout designed for filling tile joints in both interior and exterior applications. It is ideal for use with ceramic, vitrified, porcelain, and natural stone tiles, delivering a durable, water-resistant, and shrinkage-compensated finish. Formulated for ease of application and smooth finishing, Viacrete Cementitious Grout is suitable for wall and floor tile installations in residential, commercial, and light industrial environments.

Technical Details

Property	Result
Type	Cementitious, polymer-modified grout
Appearance	Fine, colored powder
Mixing Ratio (Powder:Water)	3:1 by weight
Pot Life	Approx. 60 minutes @ 27°C
Initial Setting Time	Approx. 3 hours
Final Setting Time	6–8 hours
Compressive Strength	> 15 MPa after 28 days
Flexural Strength	> 4 MPa
Joint Width Range	1 mm to 6 mm

KEY FEATURES & BENEFITS

- ✔ Polymer-Modified Formula: Provides improved
- ✔ adhesion, flexibility, and durability.
- ✔ Non-Shrink: Prevents cracks and ensures long-lasting grout joints.
- ✔ Water-Resistant: Ideal for areas exposed to moisture.
- ✔ Smooth Finish: Easy to apply and clean with a consistent color tone.
- ✔ Resistant to Stains & Cracking: Maintains appearance and integrity over time.
- ✔ Interior & Exterior Use: Versatile for multiple surfaces and conditions.
- ✔ Multiple Colour Options: Matches a wide range of tile aesthetics.

SUITABLE FOR

- ✔ Ensure all joints are clean, free from dust, grease, or any loose particles.
- ✔ Allow tile adhesive to fully cure before grouting (typically 24 hours).
- ✔ Lightly dampen joints with clean water before applying grout.

Mixing & Application

1. SURFACE PREPARATION

- ✔ Ensure all joints are clean, free from dust, grease, or any loose particles.
- ✔ Allow tile adhesive to fully cure before grouting (typically 24 hours).
- ✔ Lightly dampen joints with clean water before applying grout.



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2. MIXING

- ✔ Add Viacrete Cementitious Grout powder to clean water using the ratio 3:1 (by weight).
- ✔ Mix thoroughly with a trowel or slow-speed mixer for 2–3 minutes to form a smooth, lump-free paste.
- ✔ Let the mix stand for 2 minutes, then remix before application.
- ✔ Do not add extra water once the mix begins to stiffen.

3. APPLICATION METHOD

- ✔ Apply the grout paste using a rubber grout float.
- ✔ Press firmly to fill joints completely and remove excess material from tile surfaces.
- ✔ After initial set (approx. 15–30 minutes), clean tile surfaces with a damp sponge in circular motion.
- ✔ Avoid excessive water use during cleaning to prevent pigment washout.

4. CURING & CLEANING

- ✔ Allow grout to set for 24 hours before subjecting the area to light foot traffic.
- ✔ Full cure is achieved within 7 days.

SHELF LIFE & STORAGE

- ✔ Store in a cool, dry place, protected from moisture and direct sunlight.
- ✔ Shelf life: 12 months from manufacturing date in unopened packaging.

LIMITATIONS

- ✔ Not suitable for movement joints or flexible joints – use a flexible sealant.
- ✔ Not recommended for industrial or chemical-heavy environments – use Viacrete Epoxy Grout instead.
- ✔ Do not apply over expansion joints or damp substrates.

COVERAGE

- ✔ Coverage depends on tile size, grout width, and application thickness. As a general guide:
- ✔ Approx. 0.4 – 1.0 kg/m² for 3 mm joints on standard tiles.