VIACRETE

Crack Filler Paste

TECHNICAL DATASHEET

Property	Result
Appearance	White Paste with Fibers
Density (@30°C)	1.38 – 1.46 gm/ml
Solid Content (@30°C)	78% – 82%
Viscosity (Brookfield)	500 – 800 PS
Tack-Free Time	10 – 30 minutes
Elongation	60% – 70%
Tensile Strength	≥ 1.2 MPa
Shore A Hardness	70 – 75
Shrinkage	18% – 20%

COVERAGE

Approximately 25–30 running meters per kg (for a 5 mm wide and 5 mm deep crack).

PACKAGING

Available in 300 g, 500 g, 1 kg, and 5 kg packs.

SHELF LIFE

12 months from the date of manufacture when stored in a cool, dry place, away from direct sunlight.

CLEANING

Clean all tools, equipment, and hands with soap and warm water immediately after use.

1003, Signet Hub, Akshar Chowk, Vadodara, 390012

Viacrete Back Tile Primer

PRODUCT DESCRIPTION:

Viacrete Back Tile Primer is a high-performance, single-component, polymer-modified adhesive primer designed for secure bonding of new tiles over smooth and non-absorbent surfaces such as existing tiles, glass, or stone. It enables wet-on-wet tile installations, saving time and enhancing durability.Formulated as a thick, ready-to-use paste, it ensures excellent adhesion, flexibility, and workability even under hot and humid conditions.

Technical Details

Property	Result
Appearance	Thick paste
Density	1.60 g/cc
Pot Life	Approx. 2 hours
Initial Setting Time	7 hours
Final Setting Time	24 hours
Bond Strength (28 days)	> 2.3 N/mm^2
Compressive Strength (N/mm^2)	9.8 (3 days), 15.7 (7 days), 20.9 (28 days)

SHELF LIFE & STORAGE

- 12 months from date of manufacture in sealed packaging
- Store in a cool, dry place, away from direct sunlight and moisture

KEY FEATURES & BENEFITS

- Polymer-Modified Paste – No epoxy needed for bonding
- Strong Adhesion – Ideal for smooth, low-absorption surfaces
- Ready to Use – No mixing required
- Non-Toxic & User-Friendly – Safe for indoor use
- Extended Open Time – Up to 2 hours at 30°C
- No Shrinkage – Maintains thickness and bond
- Flexible – Performs well in weather-affected areas
- Self-Curing – No water curing required

RECOMMENDED USES

- Tile-on-tile applications
- Tile-on-glass and tile-on-marble
- Bathrooms, kitchens, and damp areas
- Residential and commercial renovations
- Interior & exterior vertical or horizontal surfaces

LIMITATIONS

- Not suitable for structural joints or areas with constant movement
- Avoid applying on wet or dusty surfaces without proper cleaning
- Do not apply in standing water or on uncured substrates
- Not intended for use as a final finishing layer or grout Should not be applied at temperatures below 5°C or above 40°C
- Not recommended for metal surfaces or oily substrates
- Always perform a patch test on sensitive or polished stones

Viacrete Back Tile Primer

SAFETY PRECAUTIONS

- Wear gloves and eye protection during use
- Avoid skin or eye contact—rinse immediately if exposed
- Use in well-ventilated areas
- Keep out of reach of children

COVERAGE

- 55 – 60 sq. ft. per kg at 0.5 mm thickness
- Coverage may vary based on surface texture and tool used

03. MIXING

- Ready to use—no mixing or dilution required.
- Stir well before application to ensure a consistent paste.
- Do not add water or any other materials.

Application Instructions

01. SURFACE PREPARATION

- Ensure the substrate is clean, sound, and free from grease, oil, dust, or loose materials
- Remove old paint, wallpaper, or weak plaster
- For cementitious surfaces, pre-wet the surface to achieve a saturated surface dry (SSD) condition
- No wetting is needed for glass, tile, or marble

02. APPLICATION

- Apply Viacrete Back Tile Primer using a brush or trowel in a uniform 0.5 – 1 mm layer
- Allow a wet-on-wet bond by immediately applying Viacrete Tile Adhesive over the primer
- Apply tile adhesive (4–8 mm thickness) and place tiles or stones firmly in place