



Via-Crack Filler Paste

TECHNICAL DATASHEET

PRODUCT DESCRIPTION:

Viacrete Crack Filler Paste is a ready-to-use, single-pack acrylic-based repair paste formulated with high-performance polymers, graded fillers, reinforcing microfibers, and durable pigments. It is designed to seal non-structural cracks in both internal and external plastered surfaces. The product offers superior adhesion, flexibility, water resistance, and a smooth, paintable finish.

SPECIFICATION

Meets ASTM C 834 – 91 standard for flexible sealants.

KEY FEATURES

- ✔ **Permanent Crack Sealing** – Enhanced with elastic polymers and microfibers to ensure long-lasting performance
- ✔ **Flexible & Durable** – Accommodates minor substrate movements without cracking
- ✔ **Easy to Apply** – Fills cracks up to 5 mm width without sagging or shrinkage
- ✔ **Paintable Finish** – Can be coated with any polymer-based paint after 6 hours
- ✔ **Excellent Adhesion** – Bonds well with all cement-based plastered surfaces
- ✔ **Safe to Use** – Non-toxic, non-hazardous, and user-friendly

PRECAUTIONS & LIMITATIONS

- ✔ Not suitable for cracks wider than 5 mm.
- ✔ Do not use on structural cracks, expansion joints, or separation gaps.
- ✔ Not intended for filling cracks in POP or painter's putty.
- ✔ Drying time may extend in temperatures below 10°C. Close the container tightly after use.
- ✔ Allow a minimum of 8 hours drying time before painting or POP application.

TYPICAL APPLICATIONS

Non-structural cracks up to 5 mm width on internal and external plastered brick masonry walls.

METHOD OF APPLICATION

- ✔ Clean the surface thoroughly to remove dust, loose particles, oil, or grease.
- ✔ Moisten the surface lightly before application.
- ✔ For cracks wider than 0.5 mm, widen them to a minimum of 3–5 mm in a "V" shape using a cutter or scraper.
- ✔ On internal walls, remove any existing POP or putty to expose the plaster.

APPLICATION

- ✔ Prepare a primer by mixing Viacrete Crack Filler Paste and water in a 1:1 ratio. Apply over the crack.
- ✔ Fill the crack with Viacrete Crack Filler Paste while the surface is still tacky.
- ✔ Press firmly using a putty knife or spatula and level with the surrounding surface.
- ✔ Avoid cavities or air bubbles.
- ✔ Allow the product to dry for 4–6 hours.
- ✔ Further surface treatments such as POP or putty can be applied once fully dry.

HEALTH & SAFETY

- ✔ Use gloves and safety goggles during application.
- ✔ In case of skin contact, wash thoroughly with water.
- ✔ Keep out of reach of children.
- ✔ If swallowed, seek immediate medical assistance – do not induce vomiting.

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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.