

Viacrete Roofproof

PRODUCT DESCRIPTION:

Viacrete Roofproof is a high-performance, ready-to-use, elastomeric acrylic waterproof coating designed for long-term roof protection. Formulated with advanced polymers and reinforcing fibers, it creates a seamless, breathable, and flexible membrane that resists water ingress, UV exposure, and weathering. Perfect for a wide range of substrates, Viacrete Roofproof acts as a protective shield for flat and sloped roofs, terraces, and other exposed surfaces. It can bridge cracks, reflect heat, and extend the life of your roof while providing excellent adhesion and durability.

Technical Details

Property	Typical Result
Appearance	Thick, white paste
Finish	Smooth, elastic coating
Elongation	> 250%
Adhesion to Concrete	Excellent
Crack Bridging	Up to 2 mm
Dry Film Thickness	1.2 – 1.5 mm (in 2–3 coats)
Compressive Strength	> 15 MPa after 28 days
Flexural Strength	> 4 MPa
Joint Width Range	1 mm to 6 mm

KEY FEATURES & BENEFITS

- ✔ 00% Waterproofing – Forms a continuous membrane that prevents water seepage
- ✔ Elastomeric Flexibility – Bridges cracks and withstands expansion and contraction
- ✔ UV Resistant – Long-term protection from sunlight and surface degradation
- ✔ Fiber-Reinforced – Improves film strength and mechanical stability
- ✔ Thermal Insulation – Reflects sunlight to help reduce surface temperatures
- ✔ Breathable Coating – Allows trapped moisture to escape, preventing blistering
- ✔ Seamless Finish – No joints or weak points that can lead to leakage
- ✔ Easy to Apply – Brush, roller, or spray application with excellent surface coverage
- ✔ Low VOC & Eco-Friendly – Safe for users and the environment

SUITABLE FOR

- ✔ RCC rooftops and terraces
- ✔ Metal sheet roofing
- ✔ Asbestos, fiber cement, and clay tile surfaces
- ✔ Existing bitumen, cementitious or acrylic waterproofing systems
- ✔ Balconies, podiums, sloped roofs, and parapet walls

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Mixing & Application

1. SURFACE PREPARATION

- ✔ Clean the surface to remove dust, dirt, oil, loose particles, or any contaminants.
- ✔ Repair all cracks, joints, and undulations before application.
- ✔ Ensure surface is completely dry before coating.

2. MIXING

- ✔ Apply Viacrete Roofproof Primer (or dilute the first coat with 30% water) to enhance adhesion on porous substrates.
- ✔ Allow primer to dry for 4–6 hours.

3. APPLICATION METHOD

- ✔ Apply Viacrete Roofproof in 2–3 coats using a brush, roller, or spray.
- ✔ Allow a gap of 6–8 hours between coats.
- ✔ Do not dilute subsequent coats.

4. CURING & CLEANING

- ✔ Touch dry in 2–3 hours (at 27°C)
- ✔ Recoating interval: 6–8 hours between coats
- ✔ Full cure: 5–7 days before exposure to water or foot traffic
- ✔ Protect the surface from rain or water for at least 24–48 hours after final coat

SHELF LIFE & STORAGE

- ✔ Protect the coated surface from water or foot traffic for at least 24–48 hours.
- ✔ Allow full curing for 5–7 days before heavy exposure.

LIMITATIONS

- ✔ Not recommended for areas with continuous waterlogging or negative water pressure
- ✔ Do not apply during rain or if rainfall is expected within 24 hours
- ✔ Avoid application in extreme cold or hot surfaces

COVERAGE

- ✔ 1.5 – 2.0 m²/kg for 2–3 coats at 1.2 mm DFT (dry film thickness).
- ✔ Actual coverage may vary with surface texture and application method.

SAFETY PRECAUTIONS

- ✔ Use gloves and protective gear during application
- ✔ Ensure good ventilation in enclosed spaces
- ✔ In case of contact with eyes or skin, wash with clean water
- ✔ Keep out of reach of children