

Geo[®] Hydrophobic Skim Coat W/P

Product Name: High Abrasion Hydrophobic – Skim-Coat

Type: Cementitious-Based, Hydrophobic combinations of RDP powders/ water block, spray dry powders/ water repellent and ethers powders

Form: Creamy or Grey blended powders (to be mixed with water)

Description

Hydrophobic skim-coat is a **cream or grey - textured, cementitious, poly acryl ether and RDP based waterproofing skimming powder** specially formulated for both **interior and exterior surfaces**. It provides a water-resistant yet breathable solution for repairing small cracks, holes, and imperfections in masonry, stone, concrete, stucco, and cement renderings. It is easy to apply, offers excellent adhesion, and is ideal for substrates that require repainting or recoating after repair.

Key Benefits

- Water-repellent and weather-resistant
- Excellent hydrophobic characteristics
- Smooth, creamy consistency for easy application
- Excellent adhesion and bonding to substrates
- For both vertical and horizontal applications
- Non-shrinkage
- Paintable after proper curing (normally 24 – 48 hours)
- Suitable for both internal and external use

Technical Properties

Property	Typical Value
Appearance	Cream powder
Mass solids	100%
SG	2.0 (Typical)
Working Time	Approx. 40–50 minutes
Application Width Suitability	0.5 mm – 2mm
Adhesion Strength	>0.9 MPa on concrete substrates
Water Resistance	Excellent after curing
Paintable	Yes (after full curing ± 48 hours)

Application and Uses

- Crack, uneven surface repairs on masonry, concrete, stucco, and cement rendering
- Suitable for patching corners, brickwork, and damaged surfaces
- Filling small holes, surface imperfections, and primed cracks
- Compatible with, Geo Structural membrane range, plaster primer SR (Saponification Resistant) and paint finish systems (after curing)
- Compatible with all PH ranges to prevent – Fungus and Mold growth.



Technical Data Sheet

Geo Hydrophobic Skim Coat
Initial Issue – 16/05/2014
Revised Issue – 23/06/2025

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Surface Preparation

- Ensure surfaces are dry, sound, clean, and free from dust and loose particles
- For best adhesion, slightly moisten the surface area without leaving standing water
- Do not moisten polymer/ acrylic-based surfaces. For example, all Geo structural support products.

Mixing and Application

- Mix powder with clean water (if applicable) until a smooth paste is formed
- Mixing ratio: 1 part of water to 4 parts of powder. Adjust if more workability is needed. (Cut paste mix)
- Apply with trowel, pressing firmly onto surface area.
- Do not over float.
- Smooth the surface and allow to dry completely

Coverage

- Approximately, 2.0 – 2.5 m² per kg. (Depends on surface area to be covered)

Packaging

- Available in 5 kg, 10 kg and 20 kg plastic (poly ethylene buckets/ bags) recyclable

Storage and Shelf Life

- Store in a cool, dry place between 5°C and 30°C
- Protect from moisture and direct sunlight
- Shelf life: 12 months in original sealed packaging

Precautions

- Not recommended for movement joints or structural cracks (Refer to GEO Structural support products)
- Wear gloves and eye protection during mixing and application
- Avoid inhalation of dust when handling powder form
- In case of contact, rinse thoroughly with clean water

Disclaimer

The technical information in this TDS is based on current knowledge and practical experience. Users must confirm the suitability of the product through field trials. Geotech Nano Chemicals accepts no liability for improper use or deviation from application guidelines.



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