

Geo[®] CEMPROOF WP50

Product Name: Geo Cemproof WP50

Type: Pure Acrylic Co-Polymer Emulsion/ Resin blend, Curing Compound for concrete and Cementitious mortars

Form: Milky White Liquid – Dries to Clear Film

Description

Geo CemproofWP50, Curing Compound is a semi penetrating membrane-forming curing agent based on an acrylic co-polymer resin/ emulsion. It is applied to 2 – 5 days old, placed concrete to reduce moisture loss during the early stages of curing. The product appears milky white when applied and dries to form a continuous, clear film that aids in achieving optimum cement hydration.

Key Benefits

- Reduces moisture loss from freshly placed concrete
- Forms a clear waterproofing, continuous membrane after drying
- Improves strength and durability of concrete
- Minimize surface cracking caused by rapid drying
- Easy to apply by spray, brush, or roller

Typical Properties

Property	Value
Appearance	Milky white liquid
Drying Time	1–2 hours depending on ambient conditions
Final Appearance	Clear continuous film
Specific Gravity	1.05 ± 0.02 at 25°C

Applications and Uses

- Concrete slabs and pavements
- Precast concrete units
- Bridge decks and roadways
- Industrial floors and commercial slabs
- Hot/ windy and rainy environments requiring moisture retention
- Mortars



Technical Data Sheet

Geo Cemproof WP50

Initial Issue – 16/05/2014

Revised Issue – 23/06/2025

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Surface Preparation

- Apply directly after concrete is placed and vibrated
- When shutters are removed from concrete pillars/ beams and decking

Dosage & Coverage

- 5 – 8 m² per 1 x liter
- Ready to use product
- Apply Geo Curing Compound immediately after final finishing of the concrete and once surface water has evaporated. Apply using spray equipment, brush, or roller in a uniform film over the surface. Avoid puddling.

Storage & Handling

Store in a cool, dry area. Protect from freezing and direct sunlight. Reseal containers tightly after use.

Packaging

- 5L, 25L and 200L drum

Storage and Shelf Life

- 6 Months in unopened container
- Store in cool, dry conditions (5°C - 30°C)
- Protect from frost and direct sunlight

Health & Safety

- Use PPE when handling and applying
- Refer to the Material Safety Data Sheet (MSDS) before use. Use gloves and goggles during handling. Avoid contact with skin and eyes.

Disclaimer

The information provided is based on our current knowledge and experience. GEOTECH NANO CHEMICALS makes no warranties, expressed or implied. Users must determine product suitability for their specific applications.



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