Crommelin®
Waterproofing & Sealing

Interior Concrete Dust-Proofer & Sealer

Water based, quick drying sealer for concrete floors.

DESCRIPTION

Crommelin® Interior Concrete Dust-Proofer & Sealer is a waterborne, penetrating acrylic sealer and dust proofer. It is based on a hard resin that provides a durable and serviceable finish with excellent adhesion to concrete floors. Gloss levels can be varied by the number of coats applied.

FEATURES AND BENEFITS

- Seals and dust proofs concrete.
- Can be painted or tiled over.
- Good resistance to water, detergents, oils, mild acids and alkalis.
- Waterborne and non-toxic.
- Low sheen finish.

AREAS OF USE

Interior Concrete Dust-Proofer & Sealer is suitable for use in the following areas:

- Decorative Concrete Floors.
- Warehouses.
- Light Industrial Buildings.
- Outdoor Entertaining Areas.

Note: not recommended for use in areas of vehicular traffic, such as garages or driveways etc.

SUITABLE SUBSTRATES

Interior Concrete Dust-Proofer & Sealer is suitable for use on the following surfaces:

- Old Concrete.
- New Concrete.

APPLICATION TOOLS

- Crommelin® Contractor Membrane Applicator Brush – 100mm, 75mm.
- Medium nap roller.
- Airless spray.

SURFACE PREPARATION

Full surface preparation instructions can be found at www.crommelin.com.au/full-instructions/

- **Surfaces must be clean**, sound and free from dust, grease, curing compounds, release agents, loose particles, efflorescence, concrete laitance or any other contaminants. Use Crommelin® Water Rinsable Degreaser to remove grease, oils etc.
- **All surfaces to be coated must be sound.** Any areas of loose or friable substrate must be removed and repaired by a suitable repair mortar.
- If acid etching has taken place, ensure neutralisation of the area and thorough rinsing has been conducted.
- **All surfaces to be coated must be dry.** A moisture test is required 100% of the time to ascertain if the substrate is dry enough to coat. Electronic moisture meters are recommended, however a simple test may be performed as per below.

Simple Moisture Test: Place a 300mm x 300mm piece of black plastic or rubber mat on the area to be coated at the hottest part of the day. After 2 hours, remove and inspect. If any condensation is present on the underside of the plastic, or the substrate has darkened, then it is too wet to coat. Be patient, allow to dry further and repeat test until no moisture is detected.

- On new concrete, ensure concrete has been cured for at least 28 days.
- If area has been previously sealed, ensure coating compatibility. If in doubt, remove existing coating.
- Ensure any areas where coating is not required are suitably protected with plastic drop sheets or similar.
- **Porosity Testing:** Place a few drops of water on the surface you wish to test. Leave for 2 minutes and dab dry with paper towel. If darker wet spots remain, the surface is porous and can be sealed. If the surface does not darken or show signs of penetrations, it is too dense and should not be sealed.

PRODUCT PREPARATION

- **Interior Concrete Dust-Proofer & Sealer** is ready to use, simply stir well prior to application.

APPLICATION CONDITIONS

- Do not apply if surface/ambient temperatures are too high or too low. Recommended application temperature range 10^0c - 35^0c.
- Do not apply if humidity is too high, or likely to be during the initial cure phase. Maximum recommended humidity during application and cure is 85%.
- Do not apply if rain is expected within 48 hours.
- Weather details may be checked at http://www.bom.gov.au.

APPLICATION PROCESS

Full application instructions can be found at www.crommelin.com.au/full-instructions/

- Apply a trial patch before full application, to assess sealer adhesion, final finish and slip resistance.
- Ensure that all application tools are clean and lint free.
- For new or dense concrete the first coat should be a 1:1 dilution of **Interior Concrete Dust-Proofer & Sealer** and water applied at a rate of 20m²/L.
- If the first coat imparts a well-sealed surface, to prevent a high gloss finish, dilute the second coat 1:1 with water as well, and apply at a rate of 20m²/L.
- If a high gloss finish is required the second coat may be applied without any dilution.
- For older, worn concrete. Dilution is generally not required.

RE-COAT/CURE TIME

- Recoat time: 30 mins.
- Light foot traffic: 2 hours.
- Full cure: 7 days.

COVERAGE

- New or dense concrete: 15m²-20m²/ L per coat.
- Old or dusting concrete: 6m²-10m²/ L per coat.
- 2 coats required.
- 4L will produce approximately 12m² to 40m² of finished coating.
- 15L will produce approximately 45m² to 150m² of finished coating.

CLEAN UP

- Clean all equipment with water before product dries.

RELATED PRODUCTS

- Crommelin® Moisture Meter.
- Crommelin® Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin® Contractor Membrane Roller Cover – 230mm.
- Crommelin® Water Rinsable Degreaser.

MAINTENANCE AND REPAIR

- Protect **Interior Concrete Dust-Proofer & Sealer** from harsh chemicals, abrasion and other potentially damaging conditions.
- The use of door mats is recommended at all entry points.
- Regular cleaning of the coated surface to remove abrasive contaminants is recommended.
- Areas of wear or damage may be repaired by ensuring that the area is dry and clean, and reapplying sealer to the affected areas at the recommended coverage rates.

PRECAUTIONS

- Do not use solvent based adhesives or topcoats over **Interior Concrete Dust-Proofer & Sealer**.
- Ensure substrate is completely dry before application.
- Ensure adequate surface preparation is carried out to allow even application.
- Ensure a trial patch is applied to ensure suitability, required slip resistance and desired result is achieved.
- Ensure any existing coatings are compatible or removed prior to application.
- Do not apply during periods of extreme weather conditions – temperature or humidity. Apply between 10^0c and 35^0c and less than 85% humidity. To check these conditions, refer to http://www.bom.gov.au
- **Concrete Floor Sealer** is not suitable for use in areas of vehicular traffic.

TRANSPORT AND STORAGE

- Size: 4L, 15L
- Weight: 4kg, 15.5kg
- Cool and Dry Storage
- UN Number: N/A
- DG Class: N/A
- Flash Point: N/A
- Hazchem Code: N/A
- Poisons Schedule: N/A

SAFETY AND FIRST AID

Interior Concrete Dust-Proofer & Sealer Safety Data Sheet is available from Crommelin® upon request.

Safety

- Ensure good ventilation and avoid breathing vapours.
- Avoid skin and eye contact. Wear gloves and eye protection. Remove splashes on skin immediately and remove contaminated clothing.
- Keep out of reach of children.
- Keep container sealed when not in use.
- Do not swallow.

First Aid

- If poisoning occurs, contact a doctor or poisons information centre: Ph. 13 11 26.
- If swallowed, do not induce vomiting. Give a glass of water to drink.
- If in eyes, hold eyes open and flood with water for at least 15 minutes.
- If not breathing, apply artificial respiration.

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Customers need to undertake their own assessment to determine the suitability of a product for the intended use. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, it is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs as required on the specific surface.

Crommelin® also reserves the right to update information without prior notice, to reflect ongoing research and product development.