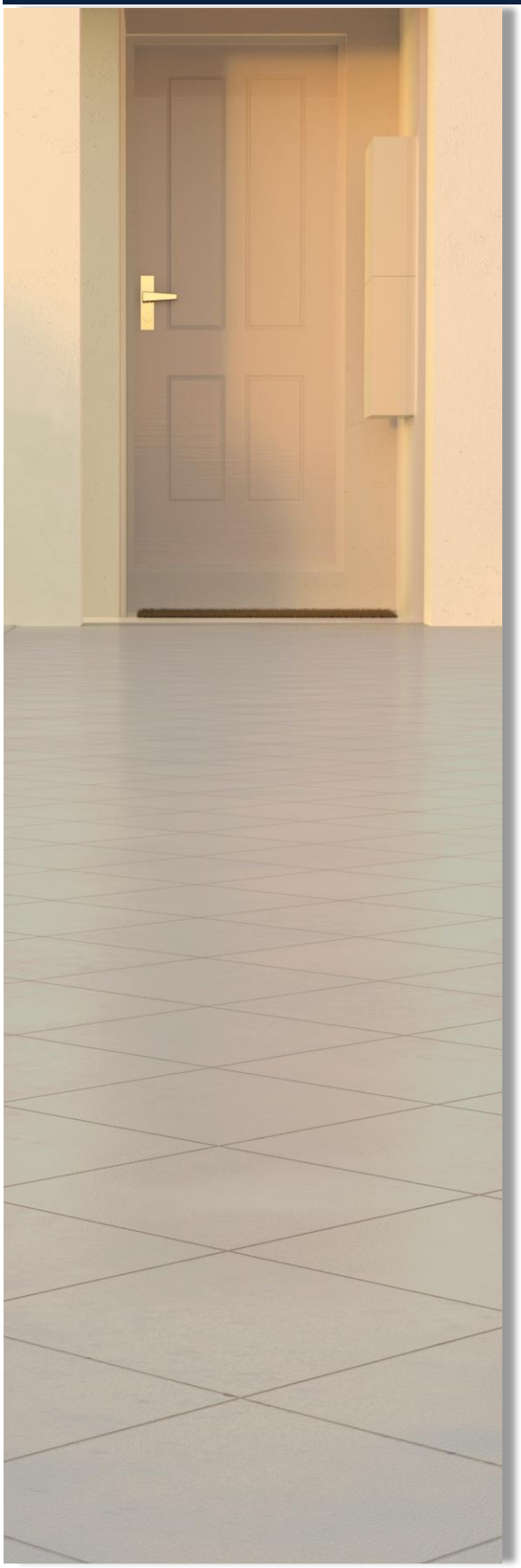
Crommelin®
Waterproofing & Sealing



DiamondCoat®

Water Based Paving & Concrete Sealer

Clear, protective coating with excellent water, stain and dirt resistance.

DESCRIPTION

Crommelin® DiamondCoat® Water Based Paving & Concrete Sealer is a clear, low sheen to gloss coating, formulated for use on concrete, paving and medium to high porosity natural stone.

Crommelin® DiamondCoat® Water Based Paving & Concrete Sealer produces a tough protective shield against water damage, staining and dirt, whilst effective biocides inhibit the growth of moss, mould and algae.

FEATURES AND BENEFITS

- Clear, low sheen to gloss finish.
- Hard wearing.
- Highly water, stain and dirt resistant, protecting surfaces from damage.
- Inhibits moss, mould and algae growth.
- Interior and exterior use.
- Horizontal and vertical applications.
- High UV resistance and non-yellowing.
- Fast drying, allowing 2 coats to be applied in a day.

AREAS OF USE

DiamondCoat® Water Based Paving & Concrete Sealer is suitable for use in the following areas:

- Concrete Floors.
- Paths & Walkways.
- Unpainted Renders.
- Entertaining Areas.
- Workshops.
- Brick & Block Work Walls.

DiamondCoat® Water Based Paving & Concrete Sealer is not recommended for areas of vehicular traffic, such as garages or driveways.

SUITABLE SUBSTRATES

DiamondCoat® Water Based Paving & Concrete Sealer is suitable for use on the following surfaces:

- Concrete.
- Concrete Paving.
- Reconstituted Stone Paving.
- Medium to High Porosity Natural Stone.
- Stencilled Concrete.
- Brick and Concrete Blocks.

APPLICATION TOOLS

- Crommelin® Contractor Membrane Applicator Brush – 100mm, 75mm.
- Medium nap roller.
- Low pressure 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® DiamondCoat® Clean N Prep 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.

- 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.

PRODUCT PREPARATION

- **DiamondCoat® Water Based Paving & Concrete 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.
- It is recommended to apply **DiamondCoat® Water Based Paving & Concrete Sealer** in the late morning or early afternoon, after substrate moisture has been released and dew point has been exceeded.
- 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%.
- 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, substrate colour enhancement, gloss level and slip resistance.
- Ensure that all application tools are clean and lint free.
- Apply first coat of **DiamondCoat® Water Based Paving & Concrete Sealer**, diluted 2 parts sealer to 1 part water, at the recommended coverage rates, taking care to apply an even coating.
- Allow first coat to dry. This will take approximately 1 hour at 25°c. Ensure suitable air flow is provided to assist drying.
- Apply second undiluted coat of **DiamondCoat® Water Based Paving & Concrete Sealer** at the recommended coverage rates, taking care to apply an even coating.
- Additional coats of **DiamondCoat® Water Based Paving & Concrete Sealer** may be applied to increase gloss level and/or improve final finish consistency due to substrate variations. Ensure that breathability requirements of the substrate are not compromised by excessive sealer application.

RE-COAT/CURE TIME

- Recoat time: 2-4 hours.
- Light foot traffic: 10-12 hours.
- Full cure: 7 days.

COVERAGE

- 10m² – 12m² / L per coat.
- 4L will produce approximately 25m² to 30m² of finished coating.
- 10L will produce approximately 60m² to 75m² of finished coating.

Note: Coverage rates are dependent upon the porosity of the surface to be treated and are offered as a guide only. A sample test area is recommended to determine specific coverage rates.

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 with DiamondCoat®.

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® Diamondcoat® Clean N Prep.

MAINTENANCE AND REPAIR

- Protect **DiamondCoat® Water Based Paving & Concrete 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

- Ensure substrate is completely dry before application, with no pooling water.
- 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 5^0c and 35^0c and less than 85% humidity. To check these conditions, refer to http://www.bom.gov.au

TRANSPORT AND STORAGE

- Size: 4L, 10L
- Weight: 4.5kg, 10.6kg
- 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

Crommelin® DiamondCoat® Water Based Paving & Concrete 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.