Crommelin®
Waterproofing & Sealing

DiamondCoat®

Slate & Stone Sealer – Gloss

Clear, tough, gloss treatment for slate and natural stone.

DESCRIPTION

Crommelin® DiamondCoat® Slate & Stone Sealer Gloss is a tough surface coating that provides a high level of surface protection whilst providing deep colour enhancement to slate and other porous natural stone surfaces.

Crommelin® DiamondCoat® Slate & Stone Sealer Gloss provides a physical barrier, resisting the ingress of stains, providing an easy clean surface.

Crommelin® DiamondCoat® Slate & Stone Sealer Gloss is engineered for easy application, to deliver a gloss or semi gloss finish dependent upon surface porosity and profile, enhancing and increasing the life and serviceability of natural substrates.

FEATURES AND BENEFITS

- Protects the surface from premature wear and tear.
- Provides a clear, semi-gloss to gloss coating.
- Resists oils, grease and general dirt pick up.
- Suppresses efflorescence.
- Retains the natural colour in the stone, even in heavy use areas.
- Long term UV stability.
- Easy to clean and maintain.
- Easy DIY application.

AREAS OF USE

DiamondCoat® Slate & Stone Sealer Gloss is suitable for use on most porous natural stone surfaces, and is ideally suited to:

- Driveways.
- Paths & Walkways.
- Alfresco Areas.
- Stone Features.
- Stone Facades.
- Cladding.

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Quality Endorsed Company ISO 9001

Page 1 of 5

SUITABLE SUBSTRATES

DiamondCoat® Slate & Stone Sealer Gloss is suitable for use on the following surfaces:

- Slate.
- Limestone – Natural and Reconstituted.
- Terracotta (unsealed and porous).
- Sandstone.
- Basalt, Granite and Bluestone.
- Travertine.
- Stack Stone.

APPLICATION TOOLS

- Crommelin® Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin® Contractor Membrane Roller Cover – 230mm.
- Lambswool applicator.

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® Slate & Stone Sealer Gloss** 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 5^0c - 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.

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Page 2 of 5

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 the first coat of **DiamondCoat® Slate & Stone Sealer Gloss** with sufficient product to thoroughly coat the surface leaving a fine and consistent film.
- When the first coat is sufficiently dry (to touch), apply a second coat ensuring a consistent film.
- Where applying to sloping or grip-critical surfaces, **Crommelin® DiamondCoat® Anti Slip** can be used to improve traction in dry or wet conditions.
- Paving sealers may become cloudy in areas affected by rising damp or where too much sealer has been applied. In this situation liberally apply **Crommelin® DiamondCoat® Solvent** to the affected area and work in with a brush for several minutes until the surface exhibits a dark wet look. Allow to dry, repeat as necessary.

RE-COAT/CURE TIME

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

COVERAGE

- High Porosity Substrate: $3m^2$-$6m^2$ per litre.
- Medium Porosity Substrate: $10m^2$-$20m^2$ per litre.
- Low Porosity Substrate: $20m^2$-$30m^2$ per litre.

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® Sealer.

CLEAN UP

- Clean all equipment with **Crommelin® DiamondCoat® Solvent** before product dries.

SIZES

DiamondCoat® Slate & Stone Sealer Gloss is available in 4L and 10L pails.

- 4L will produce approximately $6m^2$ to $12m^2$ of finished coating.
- 10L will produce approximately $15m^2$ to $30m^2$ of finished coating.

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Page 3 of 5

RELATED PRODUCTS

- Crommelin® Moisture Meter.
- Crommelin® Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin® Contractor Membrane Roller Cover – 230mm.
- Crommelin® Diamondcoat® Solvent.
- Crommelin® Diamondcoat® Clean N Prep.

MAINTENANCE AND REPAIR

- Protect **DiamondCoat® Slate & Stone Sealer Gloss** 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.
- 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: 4kg, 10kg	Cool and Dry Storage	UN Number: 1866
DG Class: 3	Flash Point: 43℃	Hazchem Code: 3Y	Poisons Schedule: 5

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Page **4** of **5**

SAFETY AND FIRST AID

Crommelin® DiamondCoat® Slate & Stone Sealer Gloss 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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Page 5 of 5