



DiamondTough Indoor & outdoor

Natural Stone Clear Sealer – Natural

Clear, natural finish treatment for slate and natural stone.

DESCRIPTION

Crommelin® DiamondTough Natural Stone Clear Sealer Natural is a penetrating treatment that provides high levels of surface protection whilst maintaining the natural look of slate and other porous natural stone surfaces.

Crommelin® DiamondTough Natural Stone Clear Sealer Natural enables natural substrates to 'breathe' and release moisture vapour whilst providing maximum water resistance.

Crommelin® DiamondTough Natural Stone Clear Sealer Natural is engineered for easy application, to deliver a natural or invisible finish dependent upon surface porosity and profile, enhancing and increasing the life and serviceability of natural substrates.

FEATURES AND BENEFITS

- Invisible protection.
- Retains substrate's natural appearance.
- Does not make surfaces slippery.
- Long term UV stability.
- Suppresses efflorescence.
- Excellent water resistance.
- Enhances life and serviceability of all natural slate and stone substrates.
- Reduces spalling by minimising water penetrating.

AREAS OF USE

DiamondTough Natural Stone Clear Sealer Natural is suitable for use on most porous natural stone surfaces, and is ideally suited to:

- Pool & Spa Surrounds.
- Water Features.
- Natural Stone Walls & Cladding.
- Driveways.
- Paths & Walkways.
- Alfresco Areas.

SUITABLE SUBSTRATES

DiamondTough Natural Stone Clear Sealer Natural is suitable for use on the following surfaces:

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

Note: DiamondTough Natural Stone Clear Sealer Natural is not suitable or recommended for use on poorly consolidated, weak, friable and dusty substrates or Fremantle Stone Products.

APPLICATION TOOLS

- Crommelin[®] Contractor Membrane Applicator Brush – 100mm, 75mm.
- Medium nap roller.
- Lambswool applicator.
- 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[®] DiamondTough 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

- **DiamondTough Slate & Stone Sealer Natural** 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^oc - 35^oc.
- Do not apply to wet or damp substrates. Check with a moisture meter if unsure.
- 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 72 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, substrate colour enhancement, final finish and slip resistance.
- Ensure that all application tools are clean and lint free.
- Apply the first coat of **DiamondTough Natural Stone Clear Sealer Natural** with sufficient product to thoroughly wet the surface, however only apply what the substrate can absorb.
- When the first coat is sufficiently dry (to touch), apply a second coat* ensuring all product applied consistently covers the first.
- Ensure no excess sealer is left on the surface as this can remain tacky or produce an inconsistent finish. Any excess product can be removed with mineral turpentine.

*Note: Apply one (1) coat only to dense natural stone, such as granite, bluestone, marble, travertine etc.

RE-COAT/CURE TIME

- Recoat time: 2-4 hours.
- Light foot traffic: 24 hours.
- Full cure: 7 days.

COVERAGE

- High Porosity Substrate: 3m²-6m² / L per coat.
- Medium Porosity Substrate: 10m²-20m² / L per coat.
- Low Porosity Substrate: 20m²-30m² / L per coat.
- 4L will produce approximately 6m² to 12m² of finished coating.
- 10L will produce approximately 15m² to 30m² 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. Apply one (1) coat only to dense natural stone, such as granite, bluestone, marble, travertine etc.

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 DiamondTough Sealer.

CLEAN UP

- Clean all equipment with **Crommelin[®] DiamondTough Cleaning & Thinning Solvent** before product dries.

RELATED PRODUCTS

- Crommelin[†] Moisture Meter.
- Crommelin[†] Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin[†] Contractor Membrane Roller Cover – 230mm.
- Crommelin[†] DiamondTough Cleaning & Thinning Solvent.
- Crommelin[†] DiamondTough Clean N Prep.

MAINTENANCE AND REPAIR

- Protect **DiamondTough Natural Stone Clear Sealer Natural** 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.
- It is recommended to clean treated areas monthly, using appropriate pH neutral cleaning products.
- 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 over an existing film forming sealer or non-compatible sealer.
- Do not apply during periods of extreme weather conditions – temperature or humidity. Apply between 5^oc and 35^oc 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: N/A |
| • DG Class: N/A | • Flash Point: 73°C | • Hazchem Code: N/A | • Poisons Schedule: 5 |

SAFETY AND FIRST AID

DiamondTough Natural Stone Clear Sealer Natural 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.

Crommelin® and other marks followed by ® are registered trademarks.

Any advice, recommendation, information, assistance or service provided by Crommelin® in relation to its products or their use is given in good faith, however is provided without responsibility or liability.

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.