



DiamondTough Indoor & Outdoor

## Exposed Aggregate & Polished Concrete Clear Sealer

Clear stain protection and colour enhancement for exposed aggregate, polished concrete & freshly laid concrete.

### DESCRIPTION

Crommelin<sup>®</sup> DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer provides high colour enhancement, excellent dirt & stain repellancy with a low sheen to satin finish.

Crommelin<sup>®</sup> DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer may be applied as little as 24 hours after concrete is poured, delivering immediate protection from staining, dirt and water damage.

Crommelin<sup>®</sup> DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer has been engineered for easy application, to deliver professional results and long-lasting UV stable protection.

### FEATURES AND BENEFITS

- Protects concrete surfaces from staining, dirt and water damage.
- Hardwearing for high traffic areas.
- Excellent surface protection for new concrete after just 24 hours.
- Clear, wet look finish.
- Suppresses efflorescence.
- Assists concrete curing process.
- Excellent substrate adhesion.
- Interior and exterior use.
- High UV resistance and non-yellowing.
- Easy to clean and maintain.
- Economical and easy to use.

## AREAS OF USE

**DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer** is suitable for use in the following areas:

All areas of new and existing uncoated concrete.

## SUITABLE SUBSTRATES

**DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer** is suitable for use on the following surfaces:

- Exposed Aggregate.
- Polished Concrete.
- New Concrete.

## APPLICATION TOOLS

- Crommelin<sup>®</sup> 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/](http://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.

### Existing Concrete

- If acid etching has taken place, ensure neutralisation of the area and thorough rinsing has been conducted.
- If area has been previously sealed, ensure coating compatibility. If in doubt, remove existing coating.
- If area has been previously sealed, ensure re-coating will not produce an excessive film build that may compromise the breathability of the substrate.
- Ensure any areas where coating is not required are suitably protected with plastic drop sheets or similar.

### New Concrete

- New concrete should be allowed to cure for a minimum of 24 hours before application.
- Surfaces must be cured sufficiently to walk on.
- Surface must be adequately dry with no surface water pooling.

## PRODUCT PREPARATION

- **DiamondTough Exposed Aggregate & Polished Concrete Clear 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<sup>0</sup>c - 35<sup>0</sup>c.
- 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/](http://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 **DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer** at the recommended coverage rates and number of coats, taking care to apply an even coating.
- Concrete surfaces will exhibit varying degrees of porosity. High porosity areas will absorb coating more readily, resulting in a dull appearance. Additional coats of **DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer** will assist in delivering a uniform finish.
- Colour enhancement level and uniformity of sheen will be determined by substrate porosity.
- Protect sealed area from light foot traffic for at least 12 hours.
- Do not park vehicles on sealed area for at least 7 days.
- If applied to new concrete as a one-coat system, once concrete has fully cured, generally after 28 days, **Crommelin® DiamondTough Concrete & Paving Sealer Gloss or Satin** may be applied directly over **DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer** for increased long term durability and protection, or alternatively an additional coat of **DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer**.

## RE-COAT/CURE TIME

- Recoat time: 1 hour.
- Light foot traffic: 10-12 hours.
- Full cure: 7 days.

## COVERAGE

- Exposed Aggregate - two coats at 6m<sup>2</sup> - 10m<sup>2</sup> / L per coat.
- Polished Concrete - two coats at 10m<sup>2</sup> - 16m<sup>2</sup> / L per coat.  
(If one coat achieves an acceptable finish, sufficient product has been used and a second coat is not required).
- New Concrete – one coat only at 6m<sup>2</sup> - 10m<sup>2</sup> / L per coat.
- For porous surfaces, a 3<sup>rd</sup> coat may be required.

- 4L will produce approximately:

- 12m<sup>2</sup> to 20m<sup>2</sup> of finished coating on exposed aggregate.
- 20m<sup>2</sup> to 32m<sup>2</sup> of finished coating on polished concrete.
- 24m<sup>2</sup> to 40m<sup>2</sup> of finished coating on new concrete.

- 10L will produce approximately:

- 30m<sup>2</sup> to 50m<sup>2</sup> of finished coating on exposed aggregate.
- 50m<sup>2</sup> to 80m<sup>2</sup> of finished coating on polished concrete.
- 60m<sup>2</sup> to 100m<sup>2</sup> of finished coating on new concrete.

## CLEAN UP

- Clean all equipment with **Crommelin® DiamondTough Clean N Prep** before product dries.

## RELATED PRODUCTS

- Crommelin<sup>†</sup> Moisture Meter.
- Crommelin<sup>†</sup> Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin<sup>†</sup> Contractor Membrane Roller Cover – 230mm.
- Crommelin<sup>†</sup> DiamondTough Clean N Prep.

## MAINTENANCE AND REPAIR

- Protect **DiamondTough Exposed Aggregate & Polished Concrete Clear 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<sup>o</sup>c and 35<sup>o</sup>c 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: 1263     |
| • DG Class: 3   | • Flash Point: 43°C | • Hazchem Code: 3Y     | • Poisons Schedule: 5 |

## SAFETY AND FIRST AID

Crommelin® **DiamondTough Exposed Aggregate & Polished Concrete Clear 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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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.