Roof Defence

Restore, Seal & Protect

DESCRIPTION

Crommelin® Roof Defence is a premium 100% acrylic coating designed to seal, restore and rejuvenate aged roofs, bringing them back to their original colour for a fresh, modern finish.

Formulated for Australia's climate, Roof Defence provides a durable, flexible finish that enhances UV and weather resistance and helps prevent mould and lichen growth.

Suitable for concrete and clay roof tiles, galvanised and Colorbond® sheeting, concrete, timber, and painted surfaces.

FEATURES AND BENEFITS

- Made in Australia for harsh Australian conditions
- Superior full acrylic durability
- Inhibits mould & lichen growth
- High colour & gloss retention
- High UV & weather resistance
- Remains flexible
- Lightfast & fade resistant
- High adhesive strength
- Economical – high coverage rate
- Available in Dark Grey & Terracotta

AREAS OF USE

Crommelin® Roof Defence is suitable for use in the following areas:

- Roofs
- Guttering
- Fascia
- Walls
- Fences

NOTE: Not suitable for use in areas of permanent water immersion or to be tiled over.

Use **Crommelin® Exterior Grade Waterproofing** for areas of full immersion or when backfilled against.

Use **Crommelin® Shower Waterproofing Membrane** for areas that will be tiled over.

SUITABLE SUBSTRATES

Crommelin® Roof Defence is suitable for use on the following surfaces:

- Concrete/clay roof tiles
- Concrete
- Galvanised iron
- Colorbond®
- Timber (vertical only)
- Previously painted surfaces

SURFACE PREPARATION

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

- Replace any broken tiles or repair cracks with **Crommelin® Hybrid MS Polyurethane Sealant**.
- Surfaces must be clean, dry, sound and free from moss, mould, lichen, dust, grease, curing compounds, release agents, loose particles, efflorescence, concrete laitance or any other contaminants.
- Remove dust, loose dirt, flaking paint, rust & other contaminants by high pressure water jetting, abrasive blasting or mechanical/hand wire brushing.
- Rusted metal surfaces should be spot primed with appropriate metal primer.
- If cementitious repair products are used, allow to cure for a minimum of 7 days.
- Remove contaminants such as grease and oil with **Crommelin® HD Cleaner and** rinse thoroughly.
- Check painted areas for soundness. All previous paint should be free of chalking. All loose and peeling paint must be removed.
- Severely deteriorated & highly porous surfaces will require a priming coat of 50/50 **Crommelin® Roof Defence** and water.

NOTE: Due to the wide variety of substrates available, conduct adhesion testing in a trial area before full application.
NOTE: It is not recommended to apply Roof Defence over surfaces previously painted in light colours.

PRODUCT PREPARATION

Crommelin® Roof Defence is ready to use, just stir well before application.

APPLICATION PROCESS

- Test adhesion on challenging or previously coated surfaces.
- Apply using brush, roller, or airless spray with a 40 mesh in-line filter and 17 to 19 thou spray tip.
- Apply first coat evenly and allow to dry completely.
- Apply second coat at 90° (right angles) to the first for uniform coverage.
- Ensure adequate airflow and drying time between coats.

APPLICATION CONDITIONS

- Substrate must be dry, with less than 15% moisture content. The use of a **Crommelin® Moisture Meter** is recommended.
- Ambient and surface temperature must be between 10°C and 35°C.
- Humidity must not exceed 85% during application or initial cure phase. Ensure adequate airflow.
- Do not apply if rain is expected within 48 hours.
- Weather details may be checked at http://www.bom.gov.au.

APPLICATION TOOLS

- **Crommelin® Membrane Applicator Brush** – 100mm, 75mm.
- **Crommelin® Membrane Applicator Rollers**
- Airless sprayer

COVERAGE

- Min. 6-8 m² per litre per coat depending on porosity and substrate.
- Minimum 2 coats required.
- Additional coats may be required on very porous, heavily weathered, or highly textured surfaces.

RE-COAT/CURE TIME

- Re-coat once thoroughly dry – typically 2 hours depending on temperature and conditions.
- Allow 7 days for full cure.
- Do no allow ponding water between coats, or before full cure. Remove standing water with a broom or mop to avoid damage.

CLEAN UP

- Clean all equipment with water before product dries.

MAINTENANCE AND REPAIR

- Must be protected from damage by after trades and inspected prior to the application of any over coat.
- Protect coating from harsh chemicals, abrasion and other potentially damaging conditions.

PRECAUTIONS

- Not suitable for use in areas of permanent water immersion.
- Ensure appropriate weather/environmental conditions prior to application.
- Ensure adequate surface preparation is carried out to allow even application.
- Ensure any existing coatings are compatible or removed prior to application.
- Always complete a sample patch to confirm desired result is achieved.

TRANSPORT AND STORAGE

- Size: 15 L, 1 L Kit
- DG Class: N/A
- Weight: 19.2 kg, 1.2 kg
- Flash Point: 43°C
- Cool and Dry Storage
- Hazchem Code: N/A
- UN Number: N/A
- Poisons Schedule: N/A

SAFETY AND FIRST AID

Crommelin® Roof Defence Safety Data Sheet is available from Crommelin® upon request.

SAFETY

- Avoid contact with skin and eyes.
- Ensure good ventilation during application, avoid breathing vapours.
- Keep container sealed when not in use.
- Do not swallow. Store in cool place.
- Keep out of reach of children.

FIRST AID

- If poisoning occurs, contact a doctor or Poisons Information Centre: Ph 131126.
- If swallowed: Do not induce vomiting; give a glass of water to drink and see a doctor.
- If in eyes: Hold eyes open, flood with water for at least 15 minutes and see a doctor.
- If skin contact: Remove contaminated clothing and wash skin thoroughly.
- Apply artificial respiration if not breathing.

End user is responsible for assessing the suitability of this product for an intended use.

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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.