



Dampstop

Two component, waterborne epoxy sealer.

DESCRIPTION

Crommelin[®] Dampstop is a two component waterborne epoxy sealer that combines the excellent adhesion and toughness of epoxy resins with the advantages of using water as a carrier.

Crommelin[®] Dampstop provides a reliable barrier to moisture and dampness rising through concrete or masonry surfaces.

Crommelin[®] Dampstop may also be used as a hardwearing chemical resistant finish to industrial floor areas.

FEATURES AND BENEFITS

- Positive and negative side and damp surface waterproofing.
- Tough industrial floor coating.
- Primer for Crommelin liquid applied waterproofing membranes.
- Excellent adhesion and high durability.
- High resistance to water, detergents, oils and mild acids and alkalis.
- Interior and exterior use.
- Simple to use with 1:1 mixing ratio by volume.

AREAS OF USE

Dampstop is suitable for use in the following areas:

As a waterproof membrane primer:

- Showers, bathrooms and wet areas.
- Fish ponds.
- Damp surfaces prior to waterproofing.
- Negative side waterproofing applications.

As a sealer and floor finish:

- Concrete floors.
- Hospitals and laboratories.
- Workshops and garages.
- Domestic floors.

As a moisture vapour barrier:

- Under timber, carpets, tiles and vinyl





SUITABLE SUBSTRATES

Dampstop is suitable for use on the following surfaces:

- Concrete.
- Brick & Block Work.
- Metal.
- Wet Area Particle Board..
- Stone.
- Plaster.
- Wet Area Gyprock.
- Cement Render.

APPLICATION TOOLS

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

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[®] Water Rinsable Degreaser 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.
- Surfaces must be dry or damp – not wet, with no standing water.
- 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

- **Dampstop** is supplied in two correctly pre-proportioned parts. No other additives are recommended.
- Stir parts 1 and 2 separately before mixing thoroughly together. Continue to mix until homogenous, taking care not to entrain air.
- Mixed **Dampstop** has a pot life of 45mins, do not use after this time as curing will occur but not appear obvious.

APPLICATION CONDITIONS

- Do not apply if surface/ambient temperatures are too high or too low. Recommended application temperature range 7⁰c - 35⁰c.
- 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>.



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 and ensure desired result is achieved.
- Ensure that all application tools are clean and lint free.
- Apply the first coat of **Dampstop** evenly as per recommended coverage rates and allow to dry for at least 2 hours.
- Apply the second coat as per recommended coverage rates.

RE-COAT/CURE TIME

- Recoat time: 2 hours.
- Initial cure: 12 to 24 hours.
- Full cure: 7 days.

COVERAGE

- 5m²-7m² per litre.

CLEAN UP

- Clean all equipment with water before product dries.

SIZES

Dampstop is available in 2L kits.

- 2L will produce approximately 5m² to 7m² of finished coating.

RELATED PRODUCTS

- Crommelin[®] Moisture Meter.
- Crommelin[®] Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin[®] Contractor Membrane Roller Cover – 230mm.
- Crommelin[®] Water Rinsable Degreaser.

MAINTENANCE AND REPAIR

- Protect **Dampstop** 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.





PRECAUTIONS

- 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 10⁰c and 35⁰c and less than 85% humidity. To check these conditions, refer to <http://www.bom.gov.au>

TRANSPORT AND STORAGE

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|-----------------|--------------------|------------------------|-------------------------|
| • Size: 2L | • Weight: 2.5kg | • 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[®] Dampstop 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.

