



# Enhance Penetrating

Highly penetrating, highly breathable, non-film forming sealer.

## DESCRIPTION

Enhance Penetrating is a highly water-repellent silane/siloxane treatment that penetrates deep into surfaces to cure and impede the passage of moisture.

Enhance Penetrating reacts with soluble salts in cementitious surfaces to block capillaries whilst still allowing the substrate to release retained moisture, i.e. breathe.

## ADVANTAGES

Enhance Penetrating delivers the following advantages;

- Natural finish.
- Penetrating treatment.
- Allows area treated to "breathe".
- "Invisible" protection.
- Does not increase slipperiness of surface.
- Enhances life of pavers and serviceability.
- Suppresses efflorescence (white salts).
- Reduces spalling by minimising water penetration.

## AREAS OF USE

Enhance Penetrating is suitable for use in the following areas;

- Walkways
- Driveways
- Alfresco Areas
- Bus Stations
- Pool Surrounds
- Pedestrian Areas

## SUBSTRATES

Enhance Penetrating is suitable for application on;

- Clay Brick
- Exposed Aggregate
- Concrete Pavers
- Stencilled Concrete
- Natural Stone
- Concrete & Concrete Block
- In-situ Concrete & Reconstituted Stone Paving
- Reconstituted Limestone

**Note: Enhance Penetrating is not suitable or recommended for use on poorly consolidated, weak, friable or dusty substrates.**

## TECHNICAL DATA (@ 25°C)

Number of Coats:	2*
Coverage: (per coat)	
1 <sup>st</sup> coat:	2-4m <sup>2</sup> /L
2 <sup>nd</sup> coat:	4-6m <sup>2</sup> /L
Recoat:	1 - 2 hours
Full Cure:	7 days
Colour:	Clear
Clean Up:	Crommelin Solvent
Shelf Life:	12 months

**\*Note: Dense natural stones, such as granite, marble, bluestone, travertine, etc. only require one coat.**

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## ANCILLARY PRODUCTS

- Crommelin® Contractor Membrane Applicator Brush – 100mm, 75mm
- Medium nap roller.
- Crommelin® Moisture Meter

## SUBSTRATE PREPARATION AND PRIMING

Full substrate preparation instructions can be found at [www.crommelin.com.au/full-instructions/](http://www.crommelin.com.au/full-instructions/)

- Surfaces must be clean and free from all contaminants.
- Use Crommelin HD Cleaner to remove grease, and as a general surface cleaner.
- Pressure washing or the use of a wet vac is recommended to remove dust etc.
- If acid etching has taken place, ensure neutralisation of the area and thorough rinsing has been conducted.
- Surfaces must be well consolidated and sound.
- Surfaces must be dry. The use of a Crommelin Moisture Meter is recommended.
- A simple moisture test may be completed by placing a 300mm x 300mm piece of black plastic or rubber matting on the area to be treated during the hottest part of the day. Remove after 2 hours and inspect. If moisture is present on the under-side of the plastic, or the substrate has darkened, the substrate is too wet to seal. Allow further time to dry and repeat test until no moisture is detected. It is very important that the substrate is dry.
- 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.

## APPLICATION CONDITIONS

- Substrate must be dry. The use of suitable moisture meter is recommended.
- Application temperature must be above dew point.
- Do not apply if relative humidity is above 85% during initial cure phases, or if rain is expected before cure.
- Avoid application in direct sunlight or in windy conditions.

**\*Note: When applying internally or in humid conditions, air flow should be maximised with the use of fans to assist cure.**

## APPLICATION

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 access number of coats required\*, sealer adhesion, substrate colour enhancement, gloss level and slip resistance.
- Apply Enhance Penetrating with Crommelin® Contractor Membrane Brush, Crommelin® Contractor Membrane Roller or airless spray.
- Apply first coat of Enhance Penetrating evenly as per recommended coverage rate and allow to dry.
- Apply second coat of Enhance Penetrating evenly as per recommended coverage rate.\*
- Whilst pavers must be saturated, do not allow the product liquid to sit on the surface. If it does not penetrate into surface, spread surplus with a brush until saturated into surface.
- Protect sealed area from moisture for at least 24 hours.
- Protect sealed area from light foot traffic for at least 24 hours.

**Note: Dense natural stones, such as granite, marble, bluestone, travertine, etc. only require one coat.**

## CLEAN UP

- Equipment can be cleaned with Crommelin Solvent.

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## MAINTENANCE, RECOATING AND REPAIR

To maximise the natural life and protective characteristics of your sealer, general cleaning and maintenance should be followed including;

- Any spills must be cleaned up immediately. Spot cleaning should be carried out with dilute detergents.
- It is recommended to clean treated areas monthly, using appropriate pH neutral cleaning products.
- The placement of mats at all entry and exit points is recommended.
- Repair damage by ensuring the area is clean and dry and re-apply sealer as per recommended coverage rates.
- Re-coating should only take place as required to maintain the greatest level of performance. Re-application may vary from 2–10 years, dependent upon substrate, wear and site conditions.
- When re-coating, ensure sealer compatibility.

## PRECAUTIONS

- Do not apply if the temperature is below 7°C, below dew point or relative humidity is above 85% or if rain is imminent.
- Do not apply Enhance Penetrating to wet or damp substrates. Check with a moisture meter if unsure.
- Ensure adequate ventilation and air flow to optimise sealer curing.
- Do not apply over an existing film forming sealer or non-compatible sealer.

## WARRANTIES

Please contact your Crommelin® representative, or the Crommelin® technical support team for detailed specifications applicable to your project and warranty requirements.

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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.

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## TRANSPORT AND STORAGE

- Size: 15L
- Weight: 15.5kg
- DG Class: N/A
- Flash Point: 73°C
- UN Number: N/A
- Cool and Dry Storage
- Hazchem Code: N/A
- Poisons Schedule: 5

## SAFETY AND FIRST AID

Enhance Penetrating 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.