



Enhance WSi

Silane siloxane, highly penetrating, water repellent, non-film forming sealer.

DESCRIPTION

Enhance WSi is a new generation surface treatment which penetrates porous masonry surfaces to provide water repellency to the substrate.

Enhance WSi provides a combination of different sized polymer particles to fill different sized voids.

ADVANTAGES

Enhance WSi delivers the following advantages;

- Natural finish.
- Highly water repellent.
- Treated surfaces are easier to clean.
- Suppresses efflorescence and impedes moisture passage.
- Reduces spalling by reducing water penetration.
- Will not increase surface slip factor.

AREAS OF USE

Enhance WSi is suitable for use in the following areas;

- Driveways
- Paths
- Walls
- Schools
- Slab Edge
- Masonry

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

SUBSTRATES

Enhance WSi is suitable for application on;

- Concrete/Clay Pavers
- Reconstituted & Porous Natural Stone
- Grout
- Brick/Mortar
- Exposed Aggregate Panels
- Clay

TESTING APPROVALS AND STANDARDS

Enhance WSi is compliant with the following standards;

- Conforms to AS4773.2 Table 5.2 A & S sites for slab edge parging.

TECHNICAL DATA (@ 25°C)

Number of Coats:	2
Coverage: (per coat)	6 - 8m ² /L
Recoat:	Immediately
Full Cure:	7 days
Colour:	Clear
Clean Up:	Water
Shelf Life:	12 months

ANCILLARY PRODUCTS

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

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SUBSTRATE PREPARATION AND PRIMING

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

- Surfaces must be clean, dry, sound and free from dust, grease, curing compounds, release agents, loose particles, efflorescence, concrete laitance or any other 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.
- 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.
- 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/

- Apply a trial patch before full application, to assess sealer adhesion, substrate colour enhancement, gloss level and slip resistance.
- Test surface for porosity before full application to ensure that surface sealing is required.
- Apply Enhance WSi with Crommelin® Contractor Membrane Brush, Crommelin® Contractor Membrane Roller or airless spray at a pressure of 800 – 1000 p.s.i.
- Apply first coat of Enhance WSi evenly as per recommended coverage rate.
- Whilst first coat is still wet apply second coat of Enhance WSi evenly as per recommended coverage rate.
- Protect sealed area from light foot traffic for at least 24 hours.
- Do not park vehicles on sealed area for at least 7 days.

CLEAN UP

- Wash all equipment in warm water and a small amount of detergent immediately after use.

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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 that areas treated be scrubbed or mechanically cleaned monthly using appropriate cleaning fluids.
- 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 and ensure that excessive film build is not produced.

PRECAUTIONS

- Do not apply Enhance WSi to wet substrates. Check with a moisture meter if unsure.
- Ensure adequate ventilation and air flow to optimise sealer curing.
- Not recommended for use on glazed/glassy surfaces such as some ceramic tiles.
- Not suitable for very low-porosity substrates such as polished stone.

WARRANTIES

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

TRANSPORT AND STORAGE

- Size: 15L, 200L
- Weight: 15kg, 205kg
- DG Class: N/A
- Flash Point: >100°C
- UN Number: N/A
- Cool and Dry Storage

SAFETY AND FIRST AID

Enhance WSi 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.