

SIMSHIELD AFTERON

GREEN CONCRETE SEALER AND SCREED EFFLORESCENCE SUPPRESSANT

DESCRIPTION

Simshield Afteron is a solvent based clear coating, formulated for use on both green and existing concrete surfaces. Simshield Afteron provides immediate protection from staining, dirt and water damage, whilst delivering a subtle wet look and good substrate colour enhancement. Simshield Afteron is also highly resistant to the upward movement of calcium containing moisture, providing effective rising efflorescence suppression when applied to the surface of screeds.

ADVANTAGES

Simshield Afteron delivers the following advantages:

- Satin "wet look" to gloss finish.
- Suitable for application to concrete surfaces after 24 hours.
- Good surface protection from stains, dirt and water damage.
- Clear, non-yellowing formula.
- Single coat application.
- Good substrate colour enhancement.
- Assists concrete curing process.
- Effective screed efflorescence suppressant.
- Excellent substrate adhesion.
- Interior and exterior application.
- High UV resistance.
- Suitable for use in conjunction with all cementitious tile adhesives that conform to AS2358.

AREAS OF USE

Simshield Afteron is suitable for use in the following areas:

- Walkways & Driveways
- Previously Uncoated Concrete
- Under Tile Screeds
- Warehouses
- Pedestrian Areas

Note: Simshield Afteron is not suitable or recommended for use on natural stone, clay pavers, timber, poorly consolidated, weak, friable or dusty substrates.



SUBSTRATES

Simshield Afteron is suitable for application on:

- Green Concrete
- Patterned Concrete
- Under Tile Screeds
- Existing Concrete
- Stencilled Concrete

TECHNICAL DATA (@25°C)

Number of Coats:	1
Coverage: (per coat)	6 – 10m ² /L
Wet Film: (per coat)	100 – 150 microns
Recoat:	2 hours (if required)
Foot Traffic/Tile Over:	24 hours
Full Cure:	7 days
Colour:	Clear
Clean Up:	Solvent
Shelf Life:	12 months

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SUBSTRATE PREPARATION AND PRIMING

Full substrate preparation instructions can be found at www.simseal.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.

Green Concrete

- New concrete should be allowed to cure for a minimum of 24 hours before application. Surfaces must be cured sufficiently to walk on.

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.

Screed Efflorescence Suppression

- New screeds should be allowed to cure for 24 hours.

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.

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.simseal.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 Simshield Afteron with Brush, Roller or airless spray at a pressure of 800 – 1000 p.s.i.
- Colour enhancement level and uniformity of sheen will be determined by substrate porosity.
- Protect sealed area from light foot traffic for at least 24 hours.
- Do not park vehicles on sealed area for at least 7 days.
- When applying on green concrete, once substrate has fully cured (28 days), apply Simshield Satin Knight for long term protection.

Important note: When applying on screeds to suppress rising efflorescence, ensure that the entire area is well coated and no areas are missed.

CLEAN UP

- Equipment can be cleaned with solvent of similar.

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.
- When re-coating, ensure sealer compatibility and ensure that excessive film build is not produced.

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.
- Ensure adequate ventilation and air flow to optimise membrane curing.

WARRANTIES

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

TRANSPORT AND STORAGE

- Size: 15L
- Weight: 15kg
- DG Class: 3
- Flash Point: 43°C
- UN Number: 1263
- Cool and Dry Storage
- Hazchem Code: 3(Y)
- Poison Schedule: 5

SAFETY AND FIRST AID

Simshield Afteron Safety Data Sheet is available in our webpage www.simseal.com.au.

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.
- 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.

Legal Notes

Simseal® has made every effort to ensure accurate information but cannot be held liable for any losses or damages arising from its use, due to uncontrollable variations in processing and workmanship. Users should verify the product's suitability through their own testing.

Applicator Responsibility & Limitation of Liability

The applicator/installer is solely responsible for testing the suitability of any Simseal® product for the intended substrate, environment and use, including on-site adhesion, stain/bleed tests, and confirming colour/appearance (including batch or shade variations). Use of the product constitutes acceptance of suitability and colour. Except as required by the Australian Consumer Law, Simseal® disclaims liability for losses arising from application/installation methods, site conditions, or use outside Simseal's published instructions. To the maximum extent permitted by law, Simseal's liability is limited to replacement of the goods or the supply of equivalent goods.

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