



SiegelProof PRO25

Premium Wet Area Waterproofing Membrane

Product Description

SiegelProof PRO25 is a premium waterborne undertile and wet area class III waterproofing membrane. It is formulated to maintain high flexibility and to withstand structural movement.

Product Advantages

- SiegelProof PRO25 is a high performance SBR waterborne elastomeric membrane.*
- SiegelProof PRO25 has exceptional movement capacity and remains permanent flexibility.*
- SiegelProof PRO25 has excellent adhesion onto a wide variety of substrates.*
- SiegelProof PRO25 has a fast cure and recoat time increasing completion speed.*
- SiegelProof PRO25 is low VOC and meets the requirements of Green Star.*
- SiegelProof PRO25 can be used onto all cement-based products conforming to AS2358*
- SiegelProof PRO25 complies with AS4858 Wet Area Membranes Class III.*

Applications

SiegelProof PRO25 should be hand applied membrane for wet area and undertile applications. Suitable for kitchens, shower recesses, balconies, patios, laundries, and bathroom floor areas.

Suitable Substrates

SiegelProof PRO25 is suitable for use onto concrete, cement render, brick, plaster, cement sheet, MDF, plywood sheet, aggregate block and steel (when primed).

Technical Data

Product Type	Waterborne SBR Membrane	One Component
Recommended Coats	2 Coats	
Recoat Time	1 hour	
Tack Free Time	1-2 hours	
Dry Film	3 hours	
Coverage Per Coat	2m ² / L	
Wet Film (per coat)	500 microns	
Tile / Overcoat	4 hours	
Colour	Grey	
Clean Up	Water	
Shelf Life	12 months	
Application	Hand Applied	

Approvals & Testing

- *Green Star: Design & As Built v 1.1: Indoor Pollutants 13.1 Paints, Adhesives, Sealants & Carpets.*
- *AS4654 Waterproofing of External Above Ground Building Elements.*
- *AS4858 Wet Areas Membranes Class III & AS3740 Waterproofing of Wet Areas*
- *AS4020 Products for use with Drinking Water.*

Test Data

Adhesion	Concrete – 1.5 N/mm ² Fibre Board – 2.0 N/mm ² Plywood – 1.8 N/mm ² Brick – 2.5 N/mm ² Steel – 3.0 N/mm ²	AS1580.408.5
Water Vapour Transmission	1g/m ² / 24 hours	ASTM E96
Hardness	29 shore A	ASTM D2240
Elongation	317%	AS4858
Flexibility	2mm	AS1580.402.1
VOC	13 g/L	SCAQMD 304.91
Tensile Strength	1.6-1.9 MPa	As4858 A1(a)
Chemical Resistance	7 Day Immersion	Dilute Acids – Good Dilute Alkali – Good Salt Solution – Good
Water Absorption	2.73%	AS 3558.1

Application Instructions

Surface Preparation

- All surfaces should have a light even texture. Masonry should be flush pointed and all defects in existing surfaces made good.
- Surface must be clean, dry, sound and free from dust, grease, curing compounds, release agents, loose particles, efflorescence, concrete laitance or any other contaminants.
- All high points and protrusions should be removed, blow holes and areas of honeycombing should be filled and the surface should be brought back to an even profile using suitable repair mortar/
- For maximum adhesion, priming with SiegelPrime is recommended.
- Substrates that are porous or dusty should be primed with a 1:1 dilution of SiegelProof PRO25 and water.
- SiegelProof PRO25 may be applied to thoroughly clean, dry and dust free surfaces without priming.
- If substrate is not dry, prime the surface with SiegelPrime as per specification.
- Note: Due to the wide variety of substrates available, adhesion testing is recommended in a trial area before full application.
- If a puddle flange is installed in a drainage outlet, ensure it is rebated into the floor substrate to create a clean flush finish.

Application Conditions

- Substrate must be dry, with less than 15% moisture content. The use of a suitable moisture meter is recommended.
- Recommend application during ambient temperatures of 7°C and 35°C. Do not apply if the relative humidity is above 85% during initial curing phases, or if rain is expected before curing.
- During humid conditions, the use of a fan or increased airflow will assist curing.

Application Method

- Apply SiegelSeal or SiegelFlex bond breaking sealants to internal angles/corners (wall to wall junctions) as per waterproofing standards.
- Apply SiegelProof PRO25 with a membrane brush or membrane roller or similar.
- Apply first coat of SiegelProof PRO25 as per recommended coverage rate. Work from corners to central areas allowing time to cure.
- If only a bond-breaking sealant has been used it is recommended to install a reinforcing fabric to all joints and corners in conjunction to the first coat of SiegelProof PRO25.
- Apply a second coat of SiegelProof PRO25 as per the recommended coverage rate at a 90° angle to the coating direction of the first coat. Allow to cure a minimum of 24 hours before application of screed or before covering over.
- If pond testing is required allow to dry for a minimum of 48 hours to ensure a full cure. Pond test with water to a depth of 25mm for 2 hours. After testing ensure area is drained and dried.

Clean Up

- *Uncured material may be removed with warm water and detergent. Cured material may be removed mechanically.*

Maintenance & Repair

- *SiegelProof PRO25 must be protected from damage by after trades and inspected prior to the application of any overcoat.*
- *Moisture blisters and bubbles may be repaired by cutting out the affected area, allowing the substrate to properly dry and reapplication of the membrane as per recommended coverage rates.*
- *Protect membrane from harsh chemicals, abrasion and other potentially damaging conditions.*

Precautions

- *Do not apply if the temperature is below 7°C or if relative humidity is above 85% or if rain is imminent.*
- *Do not apply SiegelProof PRO25 to wet substrates. The moisture content of the surface should be less than 15%. Check with a moisture meter if unsure.*
- *Ensure adequate ventilation and air flow to optimise membrane curing.*
- *SiegelProof PRO25 is not designed for long term UV exposure.*

Warranties

A standard warranty period of 10 years is offered for SiegelProof PRO25. Please contact your Siegel representative or technical support team for detailed specifications applicable to your project and warranty requirements.

Safety & Handling

Please consult the Safety Data Sheet for further information.

All applicable statutory regulations must be observed in the application of this product. Users must first read the Material Safety Data Sheet for SiegelProof PRO25. Users should familiarize themselves with all the safety aspects of the product prior to use.

Please ensure the current Technical Data Sheet is consulted prior to specification or application of Siegel products. Siegel Pty Ltd will in many instances provide Area Specific Instruction Sheets which contain detailed instructions on how to achieve desired results for specific areas. If the surface intended to be painted differs from the specification, please consult the Siegel Technical team on 1300 729 863.

Health & Safety

Health and Safety: Keep out of reach of children. May produce an allergic reaction. Safety data sheet available on request. Users must first read the Safety Data Sheet. Users should familiarize themselves with all the safety aspects of the product prior to usage.

First Aid

If poisoning occurs, contact a doctor or poison information centre 13 11 26.
If swallowed, do not induce vomiting. Give a glass of water to drink.
If in eyes, wash with water for 15 minutes.

Product Disclaimer

Since the use and application of this product is beyond our control, we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty. In every case we recommend that the customer conducts their own testing and accordingly determines, to their satisfaction, its suitability for their purpose under the operating conditions in which they will use the product/s.

For additional information, phone our Customer Service Centre on 1300 729 863.

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Siegel Adhesives

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