Bond for Life.®

Technical Data Sheet

SiegelProof RAPID



Rapid Construction & Under Tile Waterproofing Membrane

Product Description

SiegelProof RAPID is a premium waterborne undertile and wet area Class III waterproofing membrane.

It is formulated as a primerless membrane with rapid recoat and tile over times, delivering exceptional movement capacity and permanent flexibility across a wide variety of substrates.

Product Advantages

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

Areas of Application

- Wet area and under tile applications — kitchens, shower recesses, laundries, and bathroom floor areas.
- Balconies, terraces and patios that will be covered over.
- Internal and external environments.
- Concrete cement render and brick
- Plaster, cement sheet, aggregate block and steel.

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Application Data

Type	Class III Waterborne SBR Membrane — One Component
Colour	Light Blue
Recoat Time	2 - 4 Hours @ 25°c 50% RH
Recommended Coats	2 Coats
Wet Film (per coat)	500 microns
Pot Life	2m² per litre
Tack Free Time	1 - 2 Hours
Full Cure	7 days
Shelf Life	12 Months
Tile/Screed/Over coat	Minimum of 2 - 4 Hours
Application Temperature	7°c to 35°c

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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- brought back to an even profile using suitable repair mortar.
- Substrates that are porous or dusty should be primed with a 1:1 dilution of SiegelPrime P10 and water.
- It may be applied to thoroughly clean, dry and dust-free surfaces without priming.
- SiegelPrime P10 should be used when priming dry and porous surfaces. For damp surfaces, SiegelProof PRO2K should be used prior to application of SiegelProof RAPID.
- If a puddle flange is installed in a drainage outlet, ensure it is rebated into the floor substrate to create a clean flush finish.
- Note: Due to the wide variety of substrates available, adhesion testing is recommended in a trial area before full application.
- 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.

Application Direction

- Apply SiegelBond or SiegelFlex sealants to internal angles/corners (wall to wall junctions) as per waterproofing standards.
- Apply SiegelProof Rapid with a membrane brush or membrane roller or similar as per recommended coverage rate as per recommended coverage rate and apply first coat.
- Work from corners to central areas allowing time to cure.
- Apply a second coat of SiegelProof Rapid as per the recommended coverage rate at a 90° angle to the coating direction of the first coat. Allow to cure a minimum of 2 - 4 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.

Limitations

- 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 Rapid to wet substrates. Moisture content of the surface should be less than 15%.
- Ensure adequate ventilation and air flow to optimise membrane curing
- SiegelProof Rapid is not designed for UV exposure.

Maintenance & Repair

- SiegelProof Rapid 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 reapplying the membrane as per recommended coverage rates.
- Protect membrane from harsh chemicals, abrasion and other potentially damaging conditions

Health & Safety

May cause an allergic skin reaction. Causes serious eye irritation. Wear protective gloves and eye protection. IF ON SKIN: Wash with soap and water. IF IN EYES: Rinse continuously with water for several minutes. If skin irritation or a rash occurs: Seek medical advice/attention. If eye irritation persists: Seek medical advice/attention. Wash contaminated clothing before reuse. Keep out of reach of children. Contains aminosilane. May produce an allergic reaction. Safety data sheet available on request. For further health and safety information, check the latest safety data sheet.

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 AU (02) 4858 1771 or NZ (09) 951 9552