

Wetite[®] Rapid Grey

Under tile and wet area waterproofing membrane.

DESCRIPTION

Wetite[®] Rapid Grey is a fast cure single component SBR polymer waterproofing membrane, formulated for use in under tile and wet area applications. Wetite[®] Rapid Grey is highly flexible and designed to accommodate structural movement.

ADVANTAGES

Wetite[®] Rapid Grey delivers the following advantages;

- Permanently flexible.
- Excellent adhesion to a wide variety of substrates.
- Dries to a keyed finish to promote adhesion.
- Fast recoat and drying times.
- Suitable for use in conjunction with all cement based tile adhesives that conform to AS2358.
- Low VOC content.

AREAS OF USE

Wetite[®] Rapid Grey is suitable for use in the following areas;

- Shower Recesses
- Bathrooms Floor Areas
- Laundries
- Kitchens
- Balconies
- Patios

SUBSTRATES

Wetite[®] Rapid Grey is suitable for application on;

- Concrete, Cement Render, Brick
- Concrete Blocks
- Wet Area Wall Lining Board
- Plasterboard, MDF
- Wet Area Gyprock
- Hardie/CSR Sheet Flooring
- Plywood Sheet Flooring
- Light Weight Aggregate Block
- Steel (suitably primed)

TESTING APPROVALS AND STANDARDS

Wetite[®] Rapid Grey is compliant with the following standards;

- AS4858 Wet Area Membranes Class III.
- AS3740 Waterproofing of Wet Areas.
- AS4654 Waterproofing of External Above Ground Building Elements.
- AS4020 Products for use with Drinking Water.
- APAS 181 – V.O.C. limits.
- Green Star - Design & As Built v1.1: Indoor Pollutants 13.1 Paints, Adhesives, Sealants and Carpets.

TECHNICAL DATA (@ 25°C)

Number of Coats:	2
Coverage: (per coat)	2m ² /L
Wet Film: (per coat)	500 microns (min)
Recoat:	1 - 2 hours
Tile/Screed/Overcoat:	Minimum 24 hours
Full Cure:	7 days
Colour:	Grey
Thinner/Clean Up:	Water
Shelf Life:	12 months

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ANCILLARY PRODUCTS

- Crommelin[®] Hybrid MS Polyurethane Sealant – 600ml
- Crommelin[®] Silicone & Bond Breaker Sealant – 300ml
- Crommelin[®] Polyfab – reinforcing fabric
- Crommelin[®] Polyfab BB – bond breaker
- Crommelin[®] Contractor Membrane Applicator Brush – 100mm, 75mm
- Crommelin[®] Contractor Membrane Roller Cover – 230mm
- Crommelin[®] Moisture Meter

TEST DATA

Properties	Measurement /Standard	Test Results
Adhesion	AS1580.408.5	Concrete – 1.5N/mm ² Fibre Board – 2.0N/mm ² Plywood – 1.8N/mm ² Lightweight Block – 0.5N/mm ² Brick – 2.5N/mm ² Steel – 1.6-3.0N/mm ²
Water Vapour Transmission	ASTM E96	1g/m ² /24 hours
Hardness	ASTM D2240	29A
Elongation	AS4858	317%
Flexibility	AS1580.402.1	2mm
VOC	SCAQMD 304-91	13 g/L
Tensile Strength	AS4858 A1(a)	1.65 MPa
Chemical Resistance	7 Day Immersion	Dilute Acids – Good Dilute Alkali – Good Salt Solutions – Good
Water Absorption	AS 3558.1	2.73%

SUBSTRATE PREPARATION AND PRIMING

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

- The surface should have a light even texture. Masonry should be flush pointed and all defects in existing surfaces made good.
- Surfaces 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 a suitable repair mortar.

Note: Due to the wide variety of substrates available, adhesion testing is recommended in a trial area before full application.

- For maximum membrane adhesion, priming with Crommelin[®] Powerflex[®] is recommended.
- Substrates that are porous and/or slightly dusty should be primed with a 1:1 dilution of Wetite[®] Rapid Grey and water.
- Wetite[®] Rapid Grey may be applied to thoroughly clean, dry and dust free surfaces, without priming.
- If substrate is not dry, prime surface with Crommelin[®] WB2K[®].
- If a puddle flange is installed in a drainage outlet (recommended), ensure it is rebated into the floor substrate to create a flush finish.

APPLICATION CONDITIONS

- Substrate must be dry, with less than 15% moisture content. The use of suitable moisture meter is recommended.
- Application temperature between 7°C - 35°C.
- Do not apply if relative humidity is above 85% during initial cure phases, or if rain is expected before cure.

Note: In humid conditions, air flow should be maximised with the use of fans to assist cure.

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APPLICATION

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

- Apply Crommelin[®] Polyfab BB or Bond Breaking Sealant to internal angles/corners (wall & floor junction) and vertical angles/corners (wall & wall junction) as per standard.
- Apply Wetite[®] Rapid Grey with Crommelin[®] Contractor Membrane Brush, Crommelin[®] Contractor Membrane Roller or similar.
- Apply first coat of Wetite[®] Rapid Grey as per recommended coverage rate. Work from corners to central areas and allow to dry.
- If only a bond breaking sealant has been used, it is recommended to install Crommelin[®] PolyFab Reinforcing Fabric to all joints and corners in conjunction with first coat of Wetite[®] Rapid Grey.
- Apply second coat of Wetite[®] Rapid Grey as per recommended coverage rate, at 90^o to the first coat.
- Allow to cure for a minimum of 24 hours, before the application of a screed or the commencement of tiling.
- If pond testing is required, allow to dry for a minimum 48 hours (depending on weather conditions) to ensure adequate curing. 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.
- Cured material may be softened by soaking in Crommelin[®] HD Cleaner before attempting removal.

MAINTENANCE SCHEDULE AND REPAIR

- Wetite[®] Rapid Grey must be protected from damage by after trades and inspected prior to the application of any over coat.
- Moisture blisters and bubbles may be repaired by cutting out the affected area, allowing substrate to properly dry and reapplication of 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 relative humidity is above 85% or if rain is imminent.
- Do not apply Wetite[®] Rapid Grey 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.
- Wetite[®] Rapid Grey is not designed for long-term UV exposure.

WARRANTIES

A standard warranty period of 10 years is offered for Crommelin[®] Wetite[®] Rapid Grey.

Extended warranties are available for project specific applications. 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
- Weight: 20.5kg
- DG Class: N/A
- Flash Point: N/A
- UN Number: N/A
- Cool and Dry Storage

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SAFETY AND FIRST AID

Wetite[®] Rapid Grey 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.
- 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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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.