

NOVAPROOF FR

MODIFIED POLYURETHANE WATERPROOFING MEMBRANE

TECHNICAL DATA SHEET

NovaProof FR is a polyurethane modified, fibre reinforced, flexible waterproofing membrane.

NovaProof FR is a class III membrane and conforms to AS/NZS 4858 'wet area membranes'.

NovaProof FR is a one-part light grey pre mixed product that does not require mixing.

- **Fast curing**
- **Used for internal and external applications.**
- **Commercial and residential work**
- **Can be used in shower recesses, bathrooms, laundries and external verandahs.**
- **Can be used over a large range of surfaces**



Unique FR technology for greater flexular and shear strengths.

Low VOC content which easily meets Green Building Council of Australia Green Star IEQ-13 requirements.

novatex
new generation building products

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Characteristics

Suitable for wall and floor applications for internal, external use. Can be used in shower recesses, bathrooms, laundries and external verandahs.

Substrates

Concrete, renders, screeds, Novaproof waterproofing membrane, blockwork, gyprock, plaster board and fibre cement surfaces.

Preparation

Ensure surfaces are sound and free from movement, oil, grease, wax, dust, any curing and release agents and any other barrier materials. Surface needs to be dry before waterproofing, with no residue or permanent damp.

Concrete & Cement Render Screeds

Ensure all concrete slabs are allowed to cure for at least 7 days in accordance with AS 3958.1-2007 and have a wood float finish. Steel troweled finished concrete surfaces must be mechanically abraded or primed first using Optimus Primer.

All render surfaces must be allowed to cure for at least 24 hrs. prior to commencing waterproofing.

Plaster Board /Fibre Cement Sheet Wall and Floor

Fibre cement sheets must be suitable for the application and be fixed in accordance with the manufacturer's specifications and the relevant standards.

Compressed fibre cement sheets must be suitable for the application and be fixed in accordance with the manufacturer's specifications and the relevant standards.

Plasterboard sheets must be suitable for the application and be fixed in accordance with the manufacturer's specifications and the relevant standards.

Existing Tiles

Tiles need to be sound and clean. Remove all cracked, drummy or otherwise unsound tiles and repair appropriately.

Prime surfaces using Optimus Primer. Contact Novatex Products before commencing if in doubt about required surface preparation.

Application

When applying directly over a Novatex membrane surface, priming is not required. When applied directly over porous substrates it is recommended to prime first using Nova Prime. Stir NovaProof before using. Apply to correctly prepared surfaces using a roller or a brush.

When applying over non porous surfaces prime using Optimus Primer (Refer to you nearest Novatex office for correct application.)



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Application (cont.)

Apply Novatex Elasto Bandage and Elasto Pre-Fabricated Corners to wet membrane and paint over with Novaproof to bed into joint. Use Novatex Elasto spindles for all tap holes. Once first coat has dried apply a second coat of NovaProof perpendicular to the first. This will ensure that complete coverage is achieved and no air bubbles exist. A third coat may be required if imperfections are present in the membrane. A final inspection is recommended over surface to make sure no pinholes are evident prior to tiling. For optimum performance a minimum of 1.5litres/m² for horizontal surface and 1.0litre/m² on vertical upturns and returns is recommended. Once waterproofing is completed allow NovaProof to dry for a minimum of 24hrs at 20°C. It is recommended to flood test the area once dried.

Coverage

The coverage will vary depending on substrate, site conditions and application, as a guide NovaProof will cover approximately 1 litre/m² per coat at a minimum of 1mm thickness once dried.

Packaging

NovaProof comes in a 4 litre and 15 litre pail.

Shelf Life

NovaProof when stored in a cool, dry environment in original unopened pails will have a shelf life of 12 months.

Clean up

Clean all equipment with water immediately after use.

Precautions

NovaProof is a non-Hazardous product. In case of eye contamination, rinse thoroughly with clean water for at least 10 mins. If irritation persists, seek medical advice. Do not apply where there is dampness or Hydrostatic pressure is evident. For applications/situations not mentioned contact Novatex office.

The manufacturer is not responsible for any loss or damage arising from incorrect use. The use of this product is beyond the control of the manufacturer and liability is restricted to the replacement of material proven faulty.

Manual Handling

Manual handling of this pail without due care and attention may result in personal injury.

Technical Data

Appearance	Grey
Re Coat	4 hours @ 20°C
Dry time	12hrs @ 20°C
Complete Cure time	12 days Based on normal ambient conditions 23°C
Dry film thickness	1-2mm
Specific gravity of mixed product	1.28kg/litre
Solids content	>68%
VOC	<85ppm
Elongation	>460%
Tensile strength	>1.1MPa
Adhesion to concrete (primed)	>1.85MPa
Water vapour transmission	0.10g/24h/m ²
Shore A hardness	68

Contact Us

For further technical information, please contact Novatex Products on 02 9757 3525.

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