

TECHNICAL DATA SHEET

NOVAPROOF FR

Polyurethane-modified Class III waterproofing membrane

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

KEY FEATURES

- 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.



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CHARACTERISTICS

Polyurethane class III waterproofing membrane. Designed for wall and floor application in both internal and external areas. Recommended for shower recesses, bathroom, laundries and external verandahs. Must be tiled over this membrane must not be left exposed.

SUBSTRATES

Concrete, renders, screeds, NovaProof FR 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. Ensure surface to be tiled over is strong enough to support the weight of the tiles being fixed. Surface needs to be dry before tiling, with no residue or permanent damp. Prime all porous surfaces.

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. The maximum variation in the plane of the concrete must not exceed 5mm in 3 metres for floors and 4mm in 2 metres for walls. 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 tiling

PLASTER BOARD /FIBRE CEMENT SHEET WALL AND FLOOR

Fibre cement sheets when used as an underlay or wall/floor material must be a minimum of 6mm in thickness for walls and 10 mm thickness for floors. For heavy commercial application it should be a minimum of 8mm for walls and 15mm thickness

for floors and be fixed in accordance with the manufacturer's specifications and the relevant standards.

Compressed fibre cement sheets when used as wall or floor material must be at least 15 mm in thickness for floors and 9mm thickness for walls and be fixed in accordance with the manufacturer's specifications and the relevant standards.

Plasterboard sheets when used as wall material must be at least 10mm thickness for walls and be fixed in accordance with the manufacturer's specifications and the relevant standards.

EXISTING TILES

Tiles need to be sound, clean and not drummy. 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.

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APPLICATION

Stir NovaProof FR before using, apply to horizontal surfaces using a roller or a brush. Put Novatex Elasto Bandage and Elasto Pre-Fabricated Corners to wet membrane and paint over with NovaProof FR to bed into joint. Use Novatex Elasto spindles for all tap holes. Once first coat has dried apply a second coat of NovaProof FR at 90deg 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 FR to dry for a minimum of 24hrs at 20°C.

COVERAGE

The coverage will vary depending on substrate, site conditions and application, as a guide NovaProof FR will cover approximately 1 litre/m² per coat at 1mm thick.

PACKAGING

NovaProof FR comes in a 4 litre and 15 litre pail.

SHELF LIFE

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

CLEAN UP

Clean all equipment with water immediately after use.

PRECAUTIONS

NovaProof FR is a non-Hazardous product. In case of eye contamination, rinse thoroughly with clean water. If irritation persists, seek medical advice. Do not apply where damp 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	1-2 hours @ 20°C
Dry time	7.5hrs @ 20°C
Complete Cure time	3-4 days @ 20°C
Dry film thickness	1-2mm

Disclaimer: Please note: Recommendations and advice regarding the use of this product are to be taken as a guide only. Novatex shall not be liable for any inaccuracy in the information given or for any loss, injury or damage whatsoever resulting from its use. To the full extent permitted by law, Novatex Products liability is limited to its discretion, to replacement of goods or the supply of equivalent goods. For applications/ situations not mentioned on this packaging, please contact your nearest Novatex office. The information supplied is to the best of our knowledge true and accurate. The actual application of the product is beyond the manufacturer's control. Any failure or damage caused by the incorrect usage of the product is not the responsibility of the manufacturer. The manufacturer insists that all workmanship must be carried out in accordance with the manufacturer's specification. To the full extent permitted by law, Novatex Products Pty Ltd liability is limited to its discretion, to replacement of good or the supply of equivalent goods.

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