

NOVAPROOF EXTERNAL

UV STABLE TRAFICABLE WATERPROOFING MEMBRANE

TECHNICAL DATA SHEET

Novaproof External is a hard wearing membrane designed for external applications. Novaproof External is fast curing, allowing second coat to be applied after 1-2hrs depending on conditions.

Novaproof External is suitable for use as a trafficable top-coat over Novaproof 2 Part and Novaproof PFR membrane.

- **Novaproof External exhibits superior adhesion**
- **Excellent UV weather resistance.**
- **Non-shrinking, flexible**
- **Foot trafficable, provides non-slip surface, no sand broadcasts required**
- **Resistant to fungi and algae growth**
- **Superior weathering properties and ponding**
- **Water resistant**
- **Superior adhesion to surfaces.**



Superior UV formulation for extreme temperature situations such as roof tops and walls.

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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Designed for fixing

Suitable for wall and floor applications for external use. Novaproof External is a UV resistant external waterproof membrane, specially designed for exposed situations such as roof tops and walk ways and external veranda's where tiling is not required.

Substrates

Concrete, renders, screeds, Novaproof waterproofing membrane, blockwork 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.

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

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.

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.

Mixing

Novaproof External is a one-part premixed product that does not require mixing.

Application

If applying directly over a Novatex membrane surface, priming is not required. If applied directly over porous substrates it is recommended to prime first using Nova Prime. If applying over non porous surfaces prime using Optimus Primer (Refer to you nearest Novatex office for correct application.) Stir NovaProof External 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 to bed into joint. Once first coat has dried apply a second coat of Nova Proof External at a 90° 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.



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Application (cont.)

A final inspection is recommended over surface to make sure no pinholes are evident.

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 External 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 External will cover approximately 1 litre/m² per coat at 1mm thick.

Packaging

Novaproof External comes in a 15Lt pail.

Shelf Life

Novaproof External when stored in a cool, dry environment in original pail will have a shelf life of 12 months.

Clean up

Clean all equipment with water immediately after use.

Precautions

Novaproof External 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

Specific gravity	1.25kg/litre (wet form)
Cured membrane	
Elongation	>80%
Tensile Strength	>2.2Mpa
Adhesion to concrete (primed)	1.6Mpa
Adhesion to cement sheet	1.5Mpa
Adhesion to plywood	1.6Mpa
Accelerated weathering	No change after 500hrs exposed
Water Vapour transmission	0.45g/24h/m ²
Shore A hardness	92

Contact Us

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

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