

# NOVAPROOF PU 815

## POLYURETHANE WATERPROOFING MEMBRANE

### TECHNICAL DATA SHEET

NovaProof PU 815 is a Moisture Cured Polyurethane, highly elastic waterproofing membrane.

NovaProof PU 815 conforms to AS/NZS 4858:2004 “wet area membranes” as a class III membrane.

NovaProof PU 815 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**
- **Superior strength.**
- **Can be used over a large range of surfaces**



Unique technology for greater flexural and shear strengths.  
Based on high performance polymer technology

**novatex**  
new generation building products

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# NOVAPROOF PU 815

## POLYURETHENE WATERPROOFING MEMBRANE

### Designed for fixing

Suitable for wall and floor applications for internal and external use. Can be used in shower recesses, bathrooms, laundries and external verandas, retention tanks and planter boxes.

### Substrates

Concrete, renders, screeds, 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 coating, 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 trowelled finished concrete surfaces must be mechanically abraded. 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.

### Mixing

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

### Application

All internal waterproofing should be carried out in accordance with AS3740 (Internal Wet Areas). External waterproofing should be carried out in accordance with AS5654.2:2009 Exterior Membranes Application. Apply two coats using a roller or a brush to achieve a dry film thickness of at least 1mm on floors and 0.75mm on walls.



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Put Novatex Elasto Bandage and Elasto Pre-Fabricated Corners to wet membrane and paint over with Novaproof PU 815 to bed into joint. Use Novatex Elasto spindles for all tap holes. Once first coat has dried apply a second coat of Novaproof PU 815 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. For optimum performance a minimum of 1.5litres/m<sup>2</sup> for horizontal surface and 1.0litre/m<sup>2</sup> on vertical upturns and returns is recommended. Once waterproofing is completed allow NovaProof PU 815 to dry for a minimum of 24hrs at 20°C (longer in cool temperatures or dry conditions).

### Coverage

The coverage will vary depending on substrate, site conditions and application, A minimum of 2 coats is recommended to be applied, at a minimum coverage of 1.5 litres/m<sup>2</sup> for general wet area applications.

### Packaging

NovaProof PU 815 comes in 16 kg pail.

### Shelf Life

NovaProof PU 815 when stored in a cool, dry environment in original pails will have a shelf life of 12 months.

### Clean up

Novaproof PU 815 is not water soluble, either discard tools or clean tools while membrane is still wet using PU thinners (ensure protective gear is used while cleaning).

### Precautions

NovaProof is a Hazardous product. In case of eye contamination, rinse thoroughly with clean water. If irritation persists, seek medical advice.

Novaproof PU815 is not recommended for direct stick tiling. Use PU815 as a heavy duty under screed membrane.

When used as an exterior membrane, PU 815 should not remain exposed for long periods of time. PU815 must be covered with a screed or other covering to protect it from UV light. PU 815 is not suitable as a fully exposed membrane. PU 815 is not a trafficable membrane. Protect membrane from damage by other trades. Protect membrane from rain, water, bad weather until it is fully cured.

Do not apply where damp or Hydrostatic pressure is evident. For applications/situations not mentioned contact Novatex office.

### Manual Handling

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

### Technical Data

|                                   |                            |
|-----------------------------------|----------------------------|
| Appearance                        | Grey                       |
| Re Coat                           | 24 hours @ 20°C            |
| Following trades                  | 72 hours @ 25°C and 50% RH |
| Complete Cure time                | 7 days @25°C and 50% RH    |
| Dry film thickness                | 1-2mm                      |
| Specific gravity of mixed product | 1.28kg/litre               |
| Solids content                    | >90%                       |
| Elongation                        | >600%                      |

### Contact Us

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

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