

Pre-applied waterproofing membranes that bond integrally to poured concrete for use below ground.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark



Allnex confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ Appraisal

[805](#)

BBA

[Preprufe 300R Plus - 97/3325](#)



masterspec partner

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Technical Statement

Product Description

Preprufe 300R Plus & 160R Plus membranes are unique composite sheets comprised of a thick HDPE film, pressure sensitive adhesive and weather resistant protective coating. Designed with Advanced Bond Technology and a dual adhesive ZipLap, Preprufe Plus membranes form a unique, integral bond to poured concrete, preventing both the ingress and lateral migration of water while providing a robust barrier to water, moisture and gas. Release liner free and designed for efficient, reliable installation, the Preprufe Plus ZipLap allows for an adhesive to adhesive bond at seam overlaps and delivers superior performance in harsh conditions without the need for specialized equipment, heat or power.

The Preprufe R Plus System includes:

Preprufe 300R Plus — heavy-duty grade designed for use below slabs greater than 300mm thick and on rafts (i.e. mud slabs). Designed to accept the placing of heavy reinforcement using conventional concrete spacers

Preprufe 160R Plus — thinner heavy-duty grade designed for slabs less than 300mm thick and for blindside, zero property line applications against soil retention systems. Can also be used in vertical applications.

Preprufe Tape LT — for covering cut edges, roll ends, penetrations and detailing (temperatures between -4°C and 30°C).

Preprufe CJ Tape LT — for construction joints, and detailing (temperatures between -4°C and 30°C).

Bituthene® LM3000 Liquid Membrane—for sealing around penetrations, etc.

Adcor® — waterstop for joints in concrete walls and floors.

Preprufe Tieback Covers — preformed cover for soil retention wall tieback heads

Scope of use

For use in below grade waterproofing, below slab and behind in-situ cast concrete walls.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(a), B2.3.2(a)

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



BRANZ Appraisal

[805](#)



BBA

[Preprufe 300R Plus - 97/3325](#)

Use in Service History

Preprufe has been in use in New Zealand for over 20 years, during this time it has been proven to be New Zealand's most trusted below ground tanking membrane used on some of New Zealand most high profile residential and commercial projects.

- Commercial Bay
- New Zealand International Convention Centre
- Wellington Convention Centre
- Pacifica Tower
- Arras Tunnel

Product Criteria

Design requirements

Refer to Allnex for assistance.

Installation requirements

To be installed by licensed applicators.

Maintenance requirements

Refer to Allnex for assistance.

Warrantees

20 year product warranty.

Company Product Information

Environmental

Refer to Allnex for assistance.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



BBA 97/3325

Videos

[Preprufe](#)



Date last validated: **06 July 2020**



Date last updated: **06 July 2020**

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