

Mapeplan TPO membrane is a single ply glass reinforced thermoplastic polyolefin (TPO) fully bonded.

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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



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

BRANZ Appraisal

[1101](#)

Technical Statement

Product Description

Mapeplan TPO is a fully bonded TPO membrane for roofing applications, decks & balcony's , gutters and parapets.

Mapeplan is available in a fleece back or smooth back finish at 1.5mm thickness.

Scope of use

Mapeplan TPO membrane has been appraised with the following scope:

- E2AS1 - acceptable solution
- Substrates of plywood , strand sarking (roof only) and suspended concrete slab.
- Min roof falls of 1:30 , concrete roofs 1:60 , decks 1:40
- Deck size limited to 40m2
- NZS 3604 , up to and including extra high
- Roofs as decks or balcony's need to be protected by a pedestal floating system

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(b)
- **Clause E2 External moisture:** Performance E2.3.1, E2.3.2, E2.3.6
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Supporting Evidence

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



BRANZ Appraisal

[1101](#)

Product Criteria

Design requirements

Mapeplan TPO membrane has been appraised with the following scope:

- E2AS1 - acceptable solution
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Installation requirements

Installation must be completed by a Mapei NZ Ltd approved applicator.

Installation quality is the sole responsibility of the Mapei NZ Ltd approved applicator.

Maintenance requirements

Care and Maintenance is the full responsibility of the building owner.

A care and Maintenance document will be provided with all durability warranty applications.

Warrantees

Durability Warranty Periods.

masterspec partner

Company Contact Details



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Mapeplan TPO Roof & Deck Membrane

Product Technical Statement: 110444



20 years Durability for roofing & decking.

Care and Maintenance forms part of the warranty requirements. Only a approved Mapei NZ ltd applicator may perform additional work or maintenance to the property.

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



Date last validated: **06 July 2020**



Date last updated: **06 July 2020**

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