

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

[View miproducts listing](#)



## 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

### 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 40m<sup>2</sup>
- 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
- 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 40m<sup>2</sup>
- NZS 3604 , up to and including extra high
- Roofs as decks or balcony's need to be protected by a pedestal floating system

### 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.

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.

**masterspec partner**

#### Company Contact Details



EXCLUSIVELY DISTRIBUTED BY MBP (NZ) LTD.

Company:	Mapei Products (MBP (NZ) Ltd)
Physical Address:	88 Carbine Road Mt Wellington AUCKLAND
Postal Address:	88 Carbine Road Mt Wellington AUCKLAND
Telephone:	64 09 9211994
Fax:	64 09 9211993
Email:	<a href="mailto:enquiries@mbpltd.co.nz">enquiries@mbpltd.co.nz</a>
Website:	<a href="http://www.mbpltd.co.nz">www.mbpltd.co.nz</a>

## Company Product Information

### Quality Assurance



ISO 9001 (Quality Management)



Date last validated: **03 August 2023**



Date last updated: **03 August 2023**

Disclaimer: The Product Technical Statement (PTS) template is copyright to Construction Information Limited. However the content of this PTS is the responsibility of the product manufacturer/supplier. Refer to the miproducts Terms and Conditions