

Reoxthene Technology

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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



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

BRANZ Appraisal

[804](#)

Technical Statement

Product Description

Easylift tanking membrane is a modified bitumen , torch applied membrane reinforced with a polyester spun bond glass thread and a upper surface of polyethylene film. It is supplied in rolls - 3mm or 4mm thick x 1.0mtr wide x 7.5mtrs long.

Easy lift is a versatile membrane provided with excellent mechanical strength , dimensional stability , and remarkable adhesion. These characteristics make Easy lift particularly superior when waterproofing vertical walls.

Scope of use

Single or double layer systems directly torched to floor slabs , footings , block walls and planter boxes.

Precast concrete or insitu concrete complying with NZS 3101 or concrete masonry complying with NZS 4230 and 4210.

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)
- **Clause E2 External moisture:** Performance E2.3.3
- **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

[804](#)

Product Criteria

Design requirements

Easylift torchon tanking is for below ground footings , blockwalls , insitu or precast concrete. Installed in a single layer , or double layer system ,fully protected.

Installation requirements

All substrates need to be primed before application. Application instructions for the primers are contained in the technical data sheets.

Starting at the lowest point , the membrane must be installed in accordance with MBP (NZ) Ltd technical literature. Sheet laps , edges and ends must be overlapped as per technical literature. Internal and external corners must be reinforced with an extra layer of membrane 300 mm wide. Protection must be installed (polyfond Kit drain) before back filling. Back filling must commence immediately after the membrane is installed to ensure no long time exposure to sunlight or UV radiation . Application and Workmanship , the MBP (NZ) Ltd contractor is solely responsible.

Maintenance requirements

Annual inspections must be made to membranes top edge seal and termination bar. Check all drainage outlets , to ensure all systems are functioning correctly. If required the drainage coil / or pipe must be cleared to remove any sediment or silt build up. The falls of the back fill capping must be maintained.

Warrantees

masterspec partner

Company Contact Details



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Mapei Easy Lift Torch-On Tanking

Product Technical Statement: 109340

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15 Years Durability Warranty for a single layer system

20 Years Durability Warranty for a 2 layer 3mm+3mm system.

Only to be installed by an approved MBP (NZ) ltd installer.

Quality of installation on site is the sole responsibility of the MBP (NZ) ltd approved applicator.

Building Owners are responsible for the maintenance of the membrane system in accordance with MBP (NZ) Ltd. Maintenance and Care documents will be provided with every warranty application.

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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