Spider P - Roofing & Decking Membrane

Building Product Information Requirements Compliance Statement

Date: 10/08/23 (version 1)

Product name: **Spider P**

Product identifier: **Spider P**

Product Line

Spider P roof and deck membranes are a double layer, Atactic Polypropylene modified, polyester modified bitumen, fully self-adhesive for roof decks and balconies.

Product Description

Spider P Roof and Deck Membranes are a fully bonded double layer, self-adhesive system for use on roofs, gutters, parapets, decks, and balconies. The products can be used on new or existing buildings. Spider P 2mm base Sheet is supplied in rolls 2 mm thick x 1 m wide x 20 or 17 m long with the 'SEALLap' side and end laps. Spider P 3.5kg Cap Sheet is supplied in rolls 3.5 mm thick x 1 m wide x 10 m long with the 'SEALLap' side and the 'FASTLap' end lap.

Relevant Building Code Clauses

B2 Durability — B2.3.1 (b)

E2 External moisture — E2.3.1, E2.3.2, E2.3.7

F2 Hazardous building materials — F2.3.1

Contributions to Compliance

Clause B2 DURABILITY: Performance B2.3.1 (b) 15 years. Spider P Roof and Deck Membranes meet this requirement.

Clause E2 EXTERNAL MOISTURE: Performance E2.3.1 and E2.3.2. Spider P Roof and Deck Membranes meet these requirements.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. Spider P Roof and Deck Membranes meet this requirement.

REF: BRANZ Appraisal 1081(2019) for independent assessment.

Scope and Design Requirements

Spider P Roof and Deck Membranes have been designed as roof and deck waterproofing membranes on buildings within the following scope:

The scope limitations of NZBC Acceptable Solution E2/AS1 with regard to building height and floor plan area when subject to specific structural design:

Substrates of plywood or suspended concrete slab, with minimum falls of:

- **plywood roofs of 1:30**
- **concrete substrates of 1:60**
- **and plywood decks of 1:40**
- with deck size limited to 40 m^2; situated in NZS 3604 Wind Zones up to, and including, Extra High.

Roofs and decks waterproofed with Spider P Roof and Deck Membranes must be designed and constructed in accordance with the following limitations:

- Designed to be nominally flat or pitched roofs and decks constructed to drain water to gutters and drainage outlets complying with the NZBC.
- Must have no steps within the deck level, or integral roof gardens.
- The design must have no downpipes directly discharging to the deck.
- The Spider P system must be continually protected from physical damage by a pedestal protection system, as the membrane is not trafficable.
-

The weathertightness design of junctions for each specific structure being the responsibility of the building designer. The design and construction of the substrate and movement and control joints is specific to each building, and therefore is the responsibility of the building designer and building contractor and is outside the scope. The membranes must be installed by MBP (NZ) Ltd approved contractors.

Conditions and Limitations of Use

Installation must be completed by installers, approved by MBP (NZ) Ltd.

Installation of substrates must be completed by tradespersons with an understanding of roof construction, in accordance with instructions given within the MBP (NZ) Ltd Technical Literature.

Supporting Documentation

The following additional documentation supports the above statements:

Spider P - Technical Data Sheet

REV 2-23 - Installation

https://www.mapei.com/nz/en/spider-p

Spider P - Care & Maintenance

2023 -Maintenance

https://www.mapei.com/nz/en/spider-p

Spider P - BRANZ 1081 (2019)

11/01/23 - BRANZ

https://www.mapei.com/nz/en/spider-p

Contact Details

Manufacture location

Polyglass S. P. A Head Office

34 – 31047 Ponte di Piave (TV) – Italy

Tel +39 04227547

www.polyglass.com

info@polyglass.it

Importer NZ Address for Service

MBP(NZ)Ltd

88 Carbine Road

Auckland 1060

Tel 09 921 1994

www.mbpltd.co.nz

enquiries@mbpltd.co.nz

Importer NZBN: 8080877

Warnings and Bans

Spider P is not subject to a warning or ban under section 26 of the Building Act 2004.

Appendix

All relevant building code performance clauses listed in this document:

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or:

(b)

15 years if:

those building elements (including the building envelope, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or

failure of those building elements to comply with the building code would go undetected during normal use of the building but would be easily detected during normal maintenance.

E2 External moisture

E2.3.1

Roofs must shed precipitated moisture. In locations subject to snowfalls, roofs must also shed melted snow.

E2.3.2

Roofs and exterior walls must prevent the penetration of water that could cause undue dampness, damage to building elements, or both.

E2.3.7

Building elements must be constructed in a way that makes due allowance for the following:

the consequences of failure:

the effects of uncertainties resulting from construction or from the sequence in which different aspects of construction occur:

variation in the properties of materials and in the characteristics of the site.

F2 Hazardous building materials

F2.3.1

The quantities of gas, liquid, radiation, or solid particles emitted by materials used in the construction of buildings, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

Version History

Version number	Written by	Checked by	Date issued	Changes from previous version
V1 10/08/23	JP	PT	24/08/2023	New document