

# Certificate of Conformity

## This is to Certify **Asphaltech Rubberised Membrane System**

### Product Description

The Asphaltech Rubberised Membrane System is a polymer modified bitumen applied over insulation board or a timber or concrete structural substrate in two layers with a nominal thickness of 6mm, and protection membrane to give a total thickness of up to 10mm.

#### System Components:

ShieldTEC	ShieldFLEECE	ShieldFELT PS	ShieldPRIME
ShieldROOT B	PermaTEC EcoWrap	PermaFLASH-R	PermaFLASH-150
PermaFLASH-D500	PermaGUARD-F	PermaGUARD-M	PermaGUARD-HDPB
PermaGUARD-PB	IKO PermaTEC	PermaTEC Anti-Root	IKO Roof garden
IKO PermaTEC Polymer Primer			

### Complies with the Building Code of New Zealand:

If installed and maintained in accordance with the conditions of this certificate, Asphaltech Rubberised Membrane System will comply with, B1 Structure – B1.3.1, B1.3.2, B1.3.3 (b), (c), (f), (h), (m), (q), B1.3.4

B2 Durability – B2.3.1 (a), (when concealed\*) or B2.3.1 (b) (not concealed), B2.3.2 (a)

\* **Concealed means when used as a substrate, or incorporated in a green, or inverted insulated roof**

D1 Access Routes – D1.3.3 (d)

E2 External Moisture – E2.3.1, E2.3.2, E2.3.7

F2 Hazardous Building Material – F2.3.1

And will contribute to compliance with,

B1 Structure – B1.3.3 (d), (n)

### Subject to the following conditions and limitations:

1. The Asphaltech Rubberised Membrane System must be installed in accordance with the relevant installation guide: GuaraTEC Installation Guide 2016 or the IKO PermaTEC System Installation Guideline 2015.
2. Timber substrate structures may be designed in accordance with NZS3604:2011 as a heavy roof. Concrete and other specifically designed substrates must be designed in accordance with verification method B1/VM1 (Amendment 15) using the structural design actions in AS/NZS1170.
3. All plywood sheets must be CCA treated to H3.2. The plywood must be a minimum of 17mm thickness complying with AS/NZS2269.0:2012.
4. The substrate must be dry, with no sharp projections.
5. The membrane must be fully protected.
6. All work must be carried out by Asphaltech Waterproofing Products Ltd approved applicators.
7. The design and construction of the substrate and movement and control joints in specific to each building and is outside the scope of this certificate.
8. The weather tightness design of all junctions on specifically designed buildings in outside the scope of this certificate.



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### Product Use and Scope

This product certificate covers the use of the Asphaltech Rubberised Membrane System as a waterproof roofing membrane. The Asphaltech Rubberised Membrane System may be used where the minimum gradient of the substrate structure is completely flat (less than 1:80) including nominally zero pitch.

The Asphaltech Rubberised Membrane System can withstand maintenance pedestrian traffic.

Asphaltech Rubberised Membrane System provides a suitable substrate for external pavers, tiles or concrete for pedestrian traffic, and for pavers or tiles on paver supports, for use on terraces, balconies or podia. Asphaltech Rubberised Membrane System may be used as part of a green roof system.

Asphaltech Rubberised Membrane System may be used as part of an inverted insulated roof.

### Certificate Holder

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[www.jas-anz.org/register](http://www.jas-anz.org/register)

### CodeMark Certification Body

AsureQuality, 11 Hull Road  
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New Zealand  
Tel. 0508 00 11 22  
[www.asurequality.com](http://www.asurequality.com)

John McKay, Chief Executive Officer, AsureQuality Limited

**Date of Issue**

7<sup>th</sup> March 2018

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**AQ-080318-CMNZ**  
(Rev 1 – July 2018)

Asphaltech Waterproofing Products Ltd will notify AsureQuality Ltd in accordance with Regulation 15 of the Building (Product Certification Regulations 2008)

"This certificate is issued by an independent certification body accredited by the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment (MBIE) under the Building Act 2004.

The MBIE does not in any way warrant, guarantee, or represent that the building method or product the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product.

The MBIE disclaims, to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate.

This certificate may only be reproduced in its entirety."