



CERTIFICATE NO: CM70010 Rev2

Date of issue: 22 June 2022

PRODUCT CERTIFICATE

IKO Permatec Waterproofing System



BUREAU
VERITAS

KEY INFORMATION

1 CERTIFICATE HOLDER DETAILS

Asphaltech Waterproofing Products Ltd

28C Parkway Drive
Rosedale, Auckland 0632
New Zealand

Email: admin@asphaltech.co.nz

Ph: 09 475 9725

www.asphaltech.co.nz



2 PRODUCT CERTIFICATION BODY

Bureau Veritas Australia Pty Ltd

3/435 Williamstown Road
Port Melbourne VIC 3207
Australia

Ph: 1800 855 190

www.bureauveritas.com.au

Bureau Veritas Australia Pty Ltd

The complaints process for this certificate
can be found here:

www.bureauveritas.com.au/your-feedback

3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT

The IKO Permatec Waterproofing 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.

Continuation of description can be found in item 9. Supporting Information about Description of Building Product or Method.

Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use.

4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT

This product certificate covers the use of the IKO Permatec Waterproofing System as a waterproof roofing membrane.

Continuation of intended use can be found in item 10. Supporting Information about Intended use of Building Product or Method.

5 BUILDING CODE PROVISIONS

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).

B1 Structure – B1.3.1; B1.3.2; B1.3.3 (b, d, c, f, h, m, n, q); B1.3.4

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

*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 (contributes to), E2.3.2 (contributes to), E2.3.7

F2 Hazardous Building Materials – F2.3.1

How the building method or product complies or contributes can be found in item 12. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.

JAS-ANZ



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

The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is 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 Ministry 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. It is advised to check that this certificate is currently valid and not withdrawn or suspended by referring to the Register of Product Certificates on the Building Performance website <http://www.building.govt.nz>.

CERTIFICATE V1.3

PRODUCT CERTIFICATE

IKO Permateg Waterproofing System

6 CONDITIONS AND LIMITATIONS OF USE

1. The IKO Permateg Waterproofing System must be installed in accordance with the relevant installation guide: Asphaltech Permateg Design and Specification Guide 002 or the IKO Permateg 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/NZS1170.1:2002.
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 weathertightness design of all junctions on specifically designed buildings in outside the scope of this certificate.

NOTE: Together, items 3, 4, 5 and 6 define scope of use.

7 HEALTH AND SAFETY INFORMATION

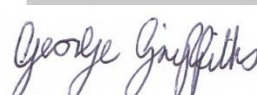
The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product.

8 SIGNATURES



Sam Guindi
Product Certification Manager

For and on behalf of
Bureau Veritas Australia Pty Ltd



George Griffiths
Director

For and on behalf of
Asphaltech Waterproofing Products Ltd

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IKO Permatec Waterproofing System

SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

9 SUPPORTING INFORMATION ABOUT DESCRIPTION

System Components:

- PermaTEC EcoWrap PermaFLASH-R PermaFLASH-D150
- PermaFLASH-D500 PermaGUARD-F PermaGUARD-M PermaGUARD-HDPB PermaGUARD-PB IKO PermaTEC Polymer Primer
- IKO PermaTEC PermaTEC Anti-Root IKO Roof garden

10 SUPPORTING INFORMATION ABOUT INTENDED USE

- The IKO Permatec Waterproofing System may be used where the minimum gradient of the substrate structure is completely flat (less than 1:80) including nominally zero pitch.
- The IKO Permatec Waterproofing System can withstand maintenance pedestrian traffic.
- IKO Permatec Waterproofing 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.
- IKO Permatec Waterproofing System may be used as part of a green roof system.
- IKO Permatec Waterproofing System may be used as part of an inverted insulated roof.

11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

N/A

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12 BASIS FOR CERTIFICATION

B1 Structure – By analysis and comparison with the requirements of the performance requirements of Building Code performance clauses for B1 using BS/EN 13108-6:2006 Bituminous mixtures Materail Specifications Part 6: Mastic Asphalt

B2 Durability – By testing and comparison with Verification Method B2/VM1 using BS/EN 13108-6

E2 External Moisture – By testing and comparison with the requirements of Acceptable Solution E2/AS1 using BS/EN 13108-6

F2 Hazardous material – By comparison with the performance requirements of Building Code clause F2.3.1.

13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
2. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials First edition (Amendment 3), 1 January 2017
3. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause D1 Access Routes 2nd Edition (Amendment 6), 1 January 2017
4. Verification Methods E2/VM1 and Acceptable Solutions E2/AS1, E2/AS2 and E2/AS3 for New Zealand Building Code Clause E2 External Moisture Third edition (Amendment 10), 5 November 2020
5. BBA Agrément Certificate 03/4009 Product Sheet 1 Permatec EcoWrap Hot-Applied Monolithic Membrane Roofing System,
6. BBA Agrément Certificate 03/4009 Product Sheet 3 Permatec EcoWrap Hot-Applied Monolithic Membrane Green Roof Waterproofing System,
7. IKO PermaTEC Safety Data Sheet, v4 1st July 2016
8. IKO PermaTEC High Penetration Primer Safety Datasheet, v2 01.07.2015
9. Asphaltech PermaTEC Design and Specification Guide 002
10. IKO PermaTec System Installation Guideline 2015

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14 CONDITIONS RELATING TO NOTIFICATION

- (a) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change to any of the following particulars:
- (i) the name, address, or contact details of the certificate holder;
 - (ii) any address of a location where a certified product is produced or manufactured;
- (b) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change, modification, or alteration to any of the following:
- (i) the certified building method or product;
 - (ii) the method of its production or manufacture;
 - (iii) the product quality plan prepared in respect of the certified building method or product;
 - (iv) the application or installation instructions for the certified building method or product;
 - (v) any documentation relating to the use and maintenance of the certified building method or product;
- (c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body (Bureau Veritas) in writing of the reason for that suspicion:
- (d) if the certificate holder or the product certification body (Bureau Veritas) finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body and to the chief executive:
- (e) if the certificate is suspended or revoked, the certificate holder—
- (i) notifies all customers to whom the building method or product is regularly supplied; and
 - (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.