



# CODEMARK™

# PRODUCT CERTIFICATE



**BUREAU  
VERITAS**

This is to certify that

## Asphaltech Mastic Asphalt System

### Product description

The Asphaltech Mastic Asphalt System is a polymer modified mastic asphalt applied over insulation board or a timber or concrete structural substrate in one or two layers to give a waterproof monolithic layer of up to 60mm thickness depending on the specific application.

System Components:

Shieldflex PR	Shieldflex PP	Shieldflex PPH	Shieldflex Standard	Paving
Shieldflash U	Shieldfelt CP	Pacocap	Shieldflash T	
Shieldfelt CP Super	Pacobase	Shieldglas	Shieldlath Pacoflex – Polymer	
Pacoflex – Solar	Shieldflex Standard	Waterproofing		

### Product purpose or use

This product certificate covers the use of the Asphaltech Mastic Asphalt System as a waterproof roofing membrane and as a waterproofing and paving system for elevated decks and car parks for cars, light commercial and heavy goods vehicles.

The Asphaltech Mastic Asphalt System may be used where the minimum gradient of the substrate structure is completely flat (less than 1:80) including nominally zero pitch.

When configured as a paving system it is suitable for paving vehicle access ramps with gradient up to 1:10.

Asphaltech Mastic Asphalt System can be configured to be

- suitable for direct foot traffic
- a suitable substrate external pavers, tiles or concrete for pedestrian traffic, and for pavers or tiles on paver supports, for use on terraces, balconies or podia.
- a car park trafficable surface
- part of a green roof system
- part of a warm roof system
- part of an inverted insulated roof

### Certificate holder

Asphaltech Waterproofing Products Ltd  
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### CodeMark Product Certification Body

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Sam Guindi  
Product Certification Manager

For and on behalf of  
Bureau Veritas Australia Pty Ltd

### Complies with the New Zealand Building Code (NZBC):

If designed, used, installed and maintained in accordance with the scope of this certificate, the above mentioned product will meet the following provisions of the NZBC:

- 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, warm 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 Materials – 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 Mastic Asphalt System must be installed using the traditional techniques for mastic asphalt described in the relevant Clauses of BS 8218:1998, and in accordance with the Asphaltech Mastic Asphalt Technical Manual 002.
2. Timber substrate structures may be designed in accordance with NZS3604:2011 as a heavy roof, provided the mastic asphalt membrane does not exceed 22mm. All plywood sheets must be CCA treated to H3.2. The Plywood must be a minimum of 17mm thickness complying with AS/NZS 2269.0:2012.
3. 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.
4. A separation layer is required between the substrate and mastic asphalt topping.
5. The substrate must be dry, with no sharp projections. All work must be carried out by Asphaltech Waterproofing Products Ltd approved applicators.
6. The design and construction of the substrate and movement and control joints is specific to each building and is outside the scope of this certificate.
7. The weather tightness design of all junctions on specifically designed buildings is outside the scope of this certificate.



[WWW.JAS-ANZ.ORG/REGISTER](http://WWW.JAS-ANZ.ORG/REGISTER)

19 March 2019  
Date of issue

CM70012  
Certificate Number



**MINISTRY OF BUSINESS,  
INNOVATION & EMPLOYMENT**  
HIKINA WHAKATUTUKI

- This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification 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 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.
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