



# CERTIFICATE OF CONFORMITY

This is to certify that

**Knauf Insulation Supafil Carbon Plus**

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<b>Product description</b>						
Supafil CarbonPlus Cavity Masonry Wall Insulation System Loose fill silicone coated glass mineral wool insulation, blown into masonry cavity to a nominal density of 25 kg/m <sup>3</sup> .						
<b>Product purpose or use</b>						
Water repellent, non-combustible thermal insulation product for external cavity masonry walls.						
<b>Certificate holder</b>						
Knauf Insulation Pty Ltd Unit 2, 44 Borthwick Avenue, Murarrie, QLD, 4172, Web: <a href="http://www.knaufinsulation.com.au">www.knaufinsulation.com.au</a> , Tel: +61 7 3393 7300						
<p><b>Complies with the National Construction Code 2014:</b></p> <ol style="list-style-type: none"> <li>Volume One CP1, CP2, CP4 and Volume Two P2.3.1 – the addition of the product to the cavity will not diminish the performance of the masonry wall under fire.</li> <li>Volume One FP1.4 and Volume Two P2.2.2 – when installed in accordance with the limitations following, does not cause the penetration of water.</li> <li>Volume One FP1.5 and Volume Two P2.2.3 – when installed in accordance with the limitations following, does not facilitate rise of moisture from the ground.</li> <li>Volume One FP5.2, FP5.5 and Volume Two P2.4.6 – contributes to the sound insulation of acceptable cavity masonry wall construction in Volume One Specification F5.2 Table 2 for glasswool insulation of at least 11 kg/m<sup>3</sup>.</li> <li>Volume One GP5.1 and Volume Two P2.3.4 – the product is not combustible and does not affect the bushfire resistance of a masonry wall in which it is included.</li> <li>Volume One J1.2 and Volume Two 3.12.1.1 – the product has a thermal conductivity of 0.0389 W/mK and resistance (R-value) of 1.285 m<sup>2</sup>K/W for a 50 mm cavity, tested in accordance with AS/NZS 4859.1:2002 + A1, which contributes to the overall thermal resistance value for cavity masonry walls.</li> </ol> <p>Note: Volume One A1.1 and Volume Two 1.1.1.2 – the product is non-combustible.</p> <p><b>State Additions or Variations:</b> Volume One SA FP1.5, NSW GP5.1, Qld GP5.1 and Tas GP5.1 Volume Two SA P2.2.3 and NSW P2.2.3, SA P2.3.1(a)(ii) and (iii), Tas P2.3.3(c), Tas P2.3.4 and NT P2.4.6</p>						
<b>CodeMark Certification Body</b>			<u>27/02/2015</u>		<u>27/02/20158</u>	<u>GM_CM 30057</u>
Global-Mark Pty Ltd, Suite 4.07, 32 Delhi Road, North Ryde NSW 2113, Australia - <a href="http://www.Global-Mark.com.au">www.Global-Mark.com.au</a>	Herve Michoux Managing Director	Unrestricted Building Certifier, Peter Gardner	Date of issue	Last update	Date of expiry	Certificate Number

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**Subject to the following conditions and limitations:**

- Specification of the product shall be in accordance with Knauf Insulation datasheet, September 2014, Ref.: KIAU0314060DS.
- Installation shall be carried out by a Knauf Insulation accredited installer in accordance with Knauf Insulation Supafil CarbonPlus Retro-fit Insulation System Installation Manual, January 2015, and the following requirements:
  - Cavity masonry construction with the following width:
    - 50mm nominal
    - 40mm minimum
    - 35mm local minimum around services or other cavity protrusions as permitted in AS3700-2011 and AS4773.2-2010.
    - 100mm maximum
  - Cavity masonry construction with min. 90mm masonry unit thickness.
  - The requirements of AS3700-2011, AS4773.1-2010 + A1 and AS4773.2-2010 must be maintained.
  - Use is restricted to buildings of maximum 12 m height.
  - Supafil CarbonPlus insulation must be installed above the DPC level within the cavity.
  - Supafil CarbonPlus shall not be installed in the following locations:
    - Below the DPC at ground level
    - Above the DPC or flashing in parapet walls.
    - Above DPC or flashing in window sills.
  - Masonry veneer construction is excluded.

**Limit of the scope of certification:**

Certification applies only to those Building Code of Australia parts specifically mentioned. Parts omitted are not covered by the CodeMark certification. Omission should not be interpreted as either "the part does (or does not) apply to the specific building" or "the part does apply and the system does or does not conform".

**End of the document**