



CERTIFICATE OF CONFORMITY

This is to certify that



Jet Stream[®] MAX and Supafil Cavity Insulation

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Product description
Jet Stream MAX and Supafil Insulation Systems Loose-fill glass mineral wool insulation, blown into wall, floor and skillion roof frame cavities to a nominal density of 25-28 kg/m ³ .
Product purpose or use
Non-combustible thermal insulation product for walls, floors and skillion roofs when installed in the cavities between framing members on new buildings.
Certificate holder
Knauf Insulation Pty Ltd Unit 2, 44 Borthwick Avenue, Murarrie, QLD, 4172, Web: www.knaufinsulation.com.au , Tel: +61 7 3393 7300
Complies with the National Construction Code 2015:
<ol style="list-style-type: none"> Volume One A1.1 and Volume Two 1.1.1.2 – the product is non-combustible. Volume One CP1, CP2, CP4 and Volume Two P2.3.1 – the addition of the product to cavities will not diminish the performance of the building element under fire. 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. 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. Volume One FP5.2, FP5.5 and Volume Two P2.4.6 – by providing glass wool insulation densities greater than those specified in Volume One Specification F5.2 and Volume Two 3.8.6.3 in acceptable forms of construction for sound insulation of walls, floors and ceilings. Volume One GP2.1 and Volume Two P2.3.3 – the product is capable of withstanding temperatures associated with heating and combustion appliances that comply with AS/NZS 2918:2001. Volume One GP5.1 and Volume Two P2.3.4 – the product is not combustible and does not affect the bushfire resistance of building elements in which it is included. Volume One J1.2 and Volume Two 3.12.1.1 – in walls the product has a thermal conductivity of 0.0387 W/mK at a minimum density of 28 kg/m³ and resistance (R-value) as specified in Table 1; in skillion roofs and floors the product has a thermal conductivity of 0.039 W/mK at a minimum density of 25 kg/m³ and resistance (R-value) as specified in Table 2, tested in accordance with AS/NZS 4859.1:2002 (incorporating Amendment No.1), and which contributes to the overall thermal resistance value of the building element.
State Additions or Variations:
<ol style="list-style-type: none"> Volume One SA FP1.5 Volume One NSW GP5.1, Qld GP5.1 and Tas GP5.1 Volume One NSW J(A)1.2

CodeMark Certification Body			<u>22/04/2016</u>		<u>22/04/2019</u>	<u>GM_CM 30066</u> <u>Rev A1</u>
Global-Mark Pty Ltd, Suite 4.07, 32 Delhi Road, North Ryde NSW 2113, Australia - www.Global-Mark.com.au	Herve Michoux Managing Director	Unrestricted Building Certifier, Peter Gardner	Date of issue	Last update	Date of expiry	Certificate Number

This Certificate of Conformity is issued by an accredited certification body under arrangement with JAS-ANZ. The ABCB does not in any way warrant, guarantee or represent that the Product the subject of this Certificate of Conformity conforms with the BCA, nor accepts any liability arising out of the use of the Product. The ABCB 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 product(s) referred to in this Certificate. It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the ABCB website, www.abcb.gov.au

4. Volume One NT Section J is replaced by BCA 2009 Volume One Section J
5. Volume One Qld Section J is replaced by BCA 2009 Volume One Section J
6. Volume Two SA P2.2.3 and NSW P2.2.3
7. Volume Two SA P2.3.1(a)(ii) and (iii)
8. Volume Two Tas P2.3.4
9. Volume Two NT P2.4.6
10. Volume Two NSW Part 3.12 does not apply and is replaced by BASIX
11. Volume Two NT 3.12 is replaced by BCA 2009 Volume Two 3.12

Subject to the following conditions and limitations:

- Specification of the product shall be in accordance with the following Knauf publications:
 - Application Guidelines – Walls, Floors and Skillion Roofs, December 2015, Ref.: KIAN0815225BR.
 - Supafil – Blow-in Glasswool Insulation Datasheet, December 2015, Ref.: KIAN1215315DS.
 - Jet Stream MAX – Blow-in Glasswool Insulation Datasheet, December 2015, Ref.: KIAN0814093DS.
- Installation shall be carried out by a Knauf Insulation accredited installer in accordance with Knauf Insulation Application Guidelines – Walls, Floors and Skillion Roofs, December 2015, Ref.: KIAN0815225BR.
- The requirements of AS/NZS 4859.1:2002 (incorporating Amendment No.1) and AS 3999:2015 must be maintained.
- Installation shall be carried out only after the building is weatherproof, and after the materials within the building have dried to a sufficient degree that moisture is not transported into the insulation material.
- Cavities into which the material is blown shall be backed by a rigid substrate material. An unlined internal wall face shall be covered by a Blow in Blanket (BIB) fabric system stapled or adhered to studs prior to installation of the internal wall lining.
- The insulation material must be isolated from recessed downlights in ceiling applications by methods as specified in AS 3999:2015, or by a barrier suitable for use with blow in glass fibre insulation that complies with AS/NZS 5110:2011 (incorporating Amendment No.1).
- The mass of the insulation in kg/m² evenly distributed across ceiling linings shall not exceed the ceiling lining manufacturer's maximum loading specifications.

Table 1 - Walls

Nominal Thickness (mm)	R-Value (m ² K/W)
70	1.8
75	1.9
90	2.3
140	3.6

Table 2 – Skillion Roofs and Floors

Nominal Thickness (mm)	R-Value (m ² K/W)
50	1.2
90	2.3
100	2.5
140	3.5
190	4.8
240	6.1

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”. The building elements into which the insulation is installed, including all other materials and products the insulation is in contact with, must be independently assessed for compliance against the relevant 2015 National Construction Code requirements for this condition.
Excludes compliance with Volume One Specification C1.10.

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