Certificate of Conformity

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Certificate number: CM30094 Rev5

THIS TO CERTIFY THAT

Knauf Insulation

Type and/or use of product:	**Description of product:**
Non-combustible thermal insulation for residential and commercial construction.	Knauf Insulation is a mineral fibre type bulk insulation supplied as batts or rolls, and thickness between 25 mm and 330 mm, and nominal density between 8 kg/m^3 and 32 kg/m^3.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) — **BCA 2022**

	Volume One		Volume Two and Housing Provisions (HP)	
Performance Requirement(s)	**F3P1**	Weatherproofing	**H2P2**	Weatherproofing
	F1P4	Rising damp	**H2P3**	Rising damp
	F7P1	Sound transmission through floors	**H4P6**	Sound insulation
	F7P2	Sound transmission through walls		
	F7P3	Sound transmission through floors in residential care buildings		
	F7P4	Sound transmission through walls in residential care buildings		

Scope of certification: The CodeMark Scheme is a building product certification scheme. The rules of the Scheme are available at the ABCB website www.abcb.gov.au. This Certificate of Conformity is to confirm that the relevant requirements of the Building Code of Australia (BCA) as claimed against have been met. The responsibility for the product performance and its fitness for the intended use remain with the certificate holder. The certification is not transferrable to a manufacturer not listed on Appendix A of this certificate.
Disclaimer: The Scheme Owner, Scheme Administrator and Scheme Accreditation Body do not make any representations, warranties or guarantees, and accept no legal liability whatsoever arising from or connected to, the accuracy, reliability, currency or completeness of any material contained within this certificate; and the Scheme Owner, Scheme Administrator and Scheme Accreditation Body disclaim 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.
The purpose of Global-Mark **construction site audits** is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions
In placing **the CodeMark mark** on the product/system, the certificate holder makes a declaration of compliance with the certification standard(s) and confirms that the product is identical to the product certified herein. In issuing this Certificate of Approval Global-Mark has relied on the **expertise of external bodies** (laboratories, and technical experts).

Herve Michoux
Global-Mark Managing Director

Peter Gardner
Unrestricted Building Certifier

Date of issue: 23/02/2024

Date of expiry: 23/02/2027

	Deemed-to-Satisfy Provision(s):	**Schedule 1**	Non-combustible	**Schedule 1**	Non-combustible
		C2D10	Non-combustible building elements	**HP 9.3.1**	Separating walls
		G5D3	Construction in Bushfire Prone Areas - protection	**H7D4**	Buildings in bushfire prone areas
		G5D4	Construction in bushfire prone areas – Certain Class 9 buildings		
		J3D7	Roofs and ceilings of a sole-occupancy unit of a Class 2 building or a Class 4 part of a building	**HP 13.2.2**	Building fabric thermal insulation
		J3D8	External walls of a sole-occupancy unit of a Class 2 building or a Class 4 part of a building		
		J3D9	Wall-glazing construction of a sole-occupancy unit of a Class 2 building or a Class 4 part of a building		
		J3D10	Floors of a sole-occupancy unit of a Class 2 building or a Class 4 part of a building		
		J4D3	Thermal construction – general		
	State or territory variation(s):	**SA F1P4**	Rising damp	**NSW H2P3**	Rising damp
				SA H2P3	Rising damp
		NSW G5D3	Construction in bushfire prone areas – protection	**NSW H7D4**	Construction in bushfire prone areas
		NSW G5D4	Construction in Bushfire Prone Areas – Protection – Class 9 buildings used as a special purpose		
		VIC G5D4	Construction in bushfire prone areas – Protection – Certain Class 9 buildings		
				NT H4P6	Sound Insulation
		NSW J4D3	Thermal construction - general		

NSW Section J (NCC 2019 A1 NSW Section J)	Energy Efficiency – Class 2 or Class 4 part of a building (up to V3 BASIX dwellings)	**NT 13.2.2**	Building fabric thermal insulation
NSW Section J (NCC 2022 Section J)	Energy Efficiency – Class 2 or Class 4 part of a building (V4 or later BASIX dwellings)	**Tas 13.2 (NCC 2019 Part 3.12)**	Energy Efficiency – Building Fabric
NSW Section J (NCC 2019 A1 NSW Section J)	Energy Efficiency – Class 2 or Class 4 part of a building (BASIX Alterations and Additions)		
NSW Section J (NCC 2022 Section J)	Energy Efficiency – Class 3 or 5-9 buildings		
NSW J3D7	Roofs and ceilings of a sole-occupancy unit of a Class 2 building or a Class 4 part of a building		
NSW J3D8	External walls of a sole-occupancy unit of a Class 2 building or a Class 4 part of a building		
NSW J3D9	Wall-glazing construction of a sole-occupancy unit of a Class 2 building or a Class 4 part of a building		
NSW J3D10	Floors of a sole-occupancy unit of a Class 2 building or a Class 4 part of a building		
Tas Section J (NCC 2019 A1 Section J)	Energy Efficiency – Class 2 and Class 4 part of a building – BCA 2019 (A1) Section J		

SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B

Limitations and conditions:	**Building classification/s:**
Installation shall be carried out in accordance with AS 3999:2015 including Amendment 1 and the relevant installation guide as specified in section A5.	All
Installation shall be carried out only after the building is waterproof, and after the materials within the building have dried to a sufficient degree that moisture is not transported into the insulation material.	All

When installed in accordance with AS 3999:20158 including Amendment 1 and the relevant installation guide as specified in section A5, the presence of the specified insulation material does not compromise building element compliance with Volume One F3P1 and F1P4 and Volume Two H2P2 and H2P3.	All
For Volume One F7P1, F7P2, F7P3, F7P4 and Volume Two H4P6, Knauf Insulation contributes to the sound insulation properties of building elements into which it is installed.	All
Volume One – G5D3 and Volume 2 – H7D4 In designated bushfire prone areas subject to Bushfire Attack up to and including BAL-FZ, when the building is constructed in accordance with AS3959:2018 including Amendment 1 & 2 for the bushfire attack level considered, Knauf Insulation is permitted for use in wall systems in buildings.	Class 1, 2, 3 and 10a or deck immediately adjacent or connected to building class 1, 2 or 3
Volume One – G5D4 In Bushfire prone areas, when the building is constructed in accordance with Specification 43, Knauf Insulation is permitted for use only in buildings subject to Bushfire Attack Level BAL-Low and BAL-12.5. Construction in BAL-19, BAL-29, BAL-40 and BAL-FZ, are outside the scope of application of the clause.	Class 9a, 9b, 9c and 10a or deck immediately connected or adjacent to a Class 9a, 9b or 9c building
Volume One – NSW G5D3 In designated bushfire prone areas subject to all Bushfire Attack Level up to and including Bal-29, determined in accordance with the Planning for Bush Fire Protection 2019 including addendum November 2022, when the building is constructed in accordance with AS3959: 2018 including Amendments 1 & 2 except as modified by Planning for Bush Fire Protection 2019 including addendum November 2022, Knauf Insulation is permitted for use. The compliance assessment of the certified system is limited to sections 7.5 and 8.3.2 of the Planning for Bush Fire Protection 2019 including addendum November 2022. Site specific conditions arising from: - the development consent following consultation with the NSW Rural Fire Service under section 4.14 of the Environmental Planning and Assessment Act 1979 if required, or - the development consent with a bushfire safety authority issued under section 100B of the Rural Fires Act 1997 for the purposes of integrated development have not been considered for the compliance assessment.	Class 2, Class 3, Class 4 part of a building & Class 10a building or deck immediately adjacent or connected to building Class 2, Class 3 or Class 4 part of a building
Volume One – NSW G5D4 In designated bushfire prone areas subject to a Bushfire Attack Level (BAL) not exceeding BAL—12.5, determined in accordance with Planning for Bush Fire Protection 2019 including addendum November 2022, when the building is constructed in accordance with 1) For class 9 building, Specification 43, except as modified by Planning for Bush Fire Protection 2019 including addendum November 2022, or	Class 9 building that is a special fire protection purpose; and a Class 10a building or deck immediately adjacent or connected to such building

2) For class 10a building or deck AS3959: 2018 including Amendment 1 & 2 except as modified by Planning for Bush Fire Protection 2019 including addendum November 2022, and S43C13 Knauf Insulation is permitted for use. The compliance assessment of the certified system is limited to sections 7.5 and 8.3.2 of the Planning for Bush Fire Protection 2019 including addendum November 2022. Site specific conditions arising from the development consent with a bushfire safety authority issued under section 100B of the Rural Fires Act 1997 for the purposes of integrated development have not been considered for the compliance assessment. Construction in BAL-19, BAL-29, BAL-40 and BAL-FZ, are outside the scope of application of the clause.	
Volume One – VIC G5D4 In designated bushfire prone areas, when the building is constructed in accordance with Specification 43, Knauf Insulation is permitted for use as external wall cladding only in buildings subject to Bushfire Attack Level BAL-Low, BAL-12.5 Construction in BAL-19, BAL-29, BAL-40 and BAL-FZ, fall outside the scope of this certification	Class 9a, 9b, 9c and 10a or deck immediately connected or adjacent to a Class 9a, 9b or 9c building and Class 4 associated with Class 9a, 9b or 9c
Volume Two – NSW H7D4(2)(a) In designated bushfire prone areas subject to all Bushfire Attack Level up to and including BAL-29, determined in accordance with the Planning for Bush Fire Protection 2019 including addendum November 2022, when the building is constructed in accordance with AS3959: 2018 including Amendment 1 & 2 except as modified by Planning for Bush Fire Protection 2019 including addendum November 2022, Knauf Insulation is permitted for use. The compliance assessment of the certified system is limited to sections 7.5 and 8.3.2 of the Planning for Bush Fire Protection including addendum November 2022. Site specific conditions arising from: - the development consent following consultation with the NSW Rural Fire Service under section 4.14 of the Environmental Planning and Assessment Act 1979 if required, or - the development consent with a bushfire safety authority issued under section 100B of the Rural Fires Act 1997 for the purposes of integrated development have not been considered for the compliance assessment.	1 & 10a building or deck associated with a building Class 1
Volume One NSW Clauses J3D7, J3D8, J3D9 and J3D10(1),(2)&(4) do not apply in NSW.	

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

Bulk thermal insulation for roofs, ceilings, external walls, internal walls and floors.

A2 Description of product

Knauf Insulation is a mineral fibre type bulk insulation complying with AS/NZS 4859.1:2018. It is manufactured with recycled glass and ECOSE® Technology binder which is created from renewable materials. The product types and special characteristics are listed below:

- Knauf Insulation Acoustic Batts – Basic at 11 kg/m^3, Ultra at 14 kg/m^3, High-Density at 17 kg/m^3, 20 kg/m^3 and 27 kg/m^3
- Knauf Insulation Acoustic Roll – Basic at 11 kg/m^3, Ultra at 14 kg/m^3, High-Density at 24 kg/m^3 and 32 kg/m^3
- Earthwool® Ceiling Batts
- Knauf Insulation Roof Blanket – has optional foil backing
- Earthwool® Wall Batts
- ecoinsulation Ceiling Batts
- Knauf Insulation ceiling batts
- Knauf Insulation wall batts

A3 Product specification

Binder content no greater than 8%.

Specification of Knauf Insulation shall be in accordance with the following documents:

- Knauf Insulation Product Datasheets as follows:
  - Knauf Insulation Acoustic, Ref.: KIAU0315172DS, May 2023
  - Earthwool® Ceiling Batt, Ref.: KIAU0315174DS, May 2023
  - Knauf Insulation Roof Blanket, Ref.: KIAU0515198DS, November 2021
  - Earthwool® Wall Batt, Ref.: KIAU0315173DS, May 2023
- Eco Insulation glasswool product Datasheets as follow:
  - Knauf Insulation Ceiling Batt, Ref.: KIAU03231310DS, March 2023Thermal Ceiling insulation, Ref KIAU07201118DS, July 2020
- Knauf Insulation Wall Batt, Ref.: KIAU03231310DS, March 2023
- Knauf Insulation Safety Data Sheet – Earthwool® Glasswool, Ref.: KI_DP_101 Revision 2.0, 11/11/2016.

Table A1 provides a summary of the specification information for the relevant Knauf Insulation, Earthwool® and Eco-Insulation products.

Table A1: Product Specification Summary

Thermal Range

R-value	Nominal Thickness (mm)	Width (mm)	Length (mm)	Density (kg/m³)
Earthwool Wall Batts				
2.0	90	430 or 580	1,160	9.5
2.0	75	430, 450, 580 or 600	1,160	17.3
2.2	90	430 or 580	1,160	10.8
2.5	90	430 or 580	1,160	20.0
2.7	90	430 or 580	1,160	27.2
4.0	140	430 or 580	1,160	22.6
Earthwool Ceiling Batts				
3.5	175	430 or 580	1,160	7.4
4.0	195	430 or 580	1,160	7.8
5.0	210	430 or 580	1,160	11.4
6.0	275	430 or 580	1,160	9.1
Multi Use Rolls				
2.0	90	430 or 580	19,000	9.4
2.5	90	430 or 580	8,500	20.1
Earthwool Commercial Rolls				
1.3	55	1,200	37,000	11.2
1.8	75	1,200	26,000	11.7
2.3	100	1,200	22,000	10.4
2.5	105	1,200	18,500	11.5
3.0	120	1,200	14,500	13.4

Knauf Insulation Roof Blanket				
1.3	55	1,200	30,000	12.0
1.8	75	1,200	23,000	11.7
2.3	100	1,200	17,500	10.4
2.5	105	1,200	16,500	11.4
3.0	120	1,200	14,500	13.4
3.6	145	1,200	10,000	13.0
Knauf Insulation Space Blanket				
1.3	55	1,200	15,000	12.0
1.8	75	1,200	10,000	11.7
Knauf Insulation Ceiling Batt				
3.0	145	430 or 580	1,160	7.9
3.5	175	430 or 580	1,160	7.4
EcoInsulation Ceiling Batt				
4.1	180	430 or 580	1,160	10.1
Knauf insulation Wall Batt				
2.0	75	430 or 580	1,160	17.4
2.0	75	450 or 600	1,200	17.4
2.0	90	430 or 580	1,160	9.4
2.5	90	430 or 580	1,160	20.1
2.7	90	430 or 580	1,160	27.2
4.0	140	580	1,160	22.6

Acoustic Range

Nominal Thickness (mm)	Width (mm)	Length (mm)	Density (kg/m³)
Knauf Insulation – Acoustic Batts			
50	580	1,160	11
50	450 or 600	2,700	11
75	430	1,160	11
75	450 or 600	2,700	11
110	600	1,160	11
50	430, 450 or 600	1,160	14
75	450 or 600	1,160	14
Knauf Insulation Acoustic Roll			
75	450 or 600	11,600	11
90	600	11,600	11
90	600	9,100	14
75	600	10,000	14
25	600	18,900	24
75	600	6,200	24
90	600	5,300	24
50	600	7,200	32
75	600	4,800	32
90	450 or 600	4,000	32
100	600	3,600	32

A4 Manufacturer and manufacturing plant(s)

- Knauf Insulation Sdn. Bhd. (1082442-W) – PLO 157, Jalan Teruntum 4, Kawasan PerindustrianTanjung Langsat, 81700 Pasir Gudang, Johor Darul Ta'zim., MALAYSIA

A5 Installation requirements

Installation shall be carried out in accordance with AS3999:2015 including Amendment No. 1 and the relevant installation instruction documents listed below and which are available at www.knaufinsulation.com.au/resources :

- Knauf Insulation Earthwool®
  - Installation Instructions – Earthwool® Ceiling Batts, Ref KIAU0817596WA
  - Installation Instructions – Earthwool® Ceiling Rolls, Ref KIAU0817595WA
  - Installation Instructions – Earthwool® Wall Batts, Ref KIAU0817597WA
- Eco Insulation glasswool
  - Installation Instructions – ecoinsulation Thermal ceiling, Ref KIAU07201111MIS

A6 Other relevant technical data

Any referenced documents within the technical literature identified in Appendix A, A3 and Appendix A, A5.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

The following assessment methods have been used to determine compliance with BCA 2022:

Code Clause	Assessment Method(s)	Evidence of suitability	Evidence reference in B2
Volume One Schedule 1	Volume One A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Item 1
		Volume One A5G3(1)(e) – Report from a professional engineer	Item 1
Volume One C2D10	Volume One A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Item 1
		Volume One A5G3(1)(e) – Report from a professional engineer	Item 1
Volume One F3P1	Volume One A2G2(2)(a)	Volume One A5G3(1)(f) – Another form of documentary evidence	Item 22 and item 23
Volume One F1P4	Volume One A2G2(2)(a)	Volume One A5G3(1)(f) – Another form of documentary evidence	Item 22
	Volume One A2G2(1)(b)	Equivalence to the Deemed-to-Satisfy Provisions	Item 23
Volume One F7P1	Volume One A2G2(2)(a)	Volume One A5G3(1)(e) – Report from a professional engineer	Item 24 and item 25
Volume One F7P2	Volume One A2G2(2)(a)	Volume One A5G3(1)(e) – Report from a professional engineer	Item 24 and item 25
Volume One F7P3	Volume One A2G2(2)(a)	Volume One A5G3(1)(e) – Report from a professional engineer	Item 24 and item 25
Volume One F7P4	Volume One A2G2(2)(a)	Volume One A5G3(1)(e) – Report from a professional engineer	Item 24 and item 25
Volume One G5D3	Volume One A2G2(2)(a)	Volume One A5.2(1)(d) – Report issued by a registered testing authority	Item 1
Volume One G5D4	Volume One A2G2(2)(a)	Volume One A5.2(1)(d) – Report issued by a registered testing authority	Item 1
Volume One J3D7	Volume One A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
		Volume One A5G3(1)(e) – certificate or report from a professional engineer or other appropriately qualified person	Item 26
Volume One J3D8	Volume One A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
		Volume One A5G3(1)(e) – certificate or report from a professional engineer or other appropriately qualified person	Item 26
Volume One J3D9	Volume One A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
		Volume One A5G3(1)(e) – certificate or report from a professional engineer or other appropriately qualified person	Item 26
Volume One J3D10	Volume One A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
		Volume One A5G3(1)(e) – certificate or report from a professional engineer or other appropriately qualified person	Item 26
Volume One J4D3	Volume One A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
		Volume One A5G3(1)(e) – certificate or report from a professional engineer or other appropriately qualified person	Item 26
Volume Two Schedule 1	Volume Two A2G3(2)(a)	Volume Two A5G3(1)(d) – Report issued by a registered testing authority	Item 1
		Volume Two A5G3(1)(e) – Report from a professional engineer	Item 1
Volume Two H2P2	Volume Two A2G2(1)(b)	Equivalence to the Deemed-to-Satisfy Provisions	Item 22
	Volume Two A2G2(2)(a)	Volume Two A5G3(1)(f) – Another form of documentary evidence	Item 23

Volume Two H2P3	Volume Two A2G2(1)(b)	Equivalence to the Deemed-to-Satisfy Provisions	Item 22
	Volume Two A2G2(2)(a)	Volume Two A5G3(1)(f) – Another form of documentary evidence	Item 23
Volume Two H4P6	Volume Two A2G2(2)(a)	Volume Two A5G3(1)(e) – Report from a professional engineer	Item 24 and item 25
HP 9.3.1	Volume Two A2G3(2)(a)	Volume Two A5G3(1)(d) – Report issued by a registered testing authority	Item 1
		Volume Two A5G3(1)(e) – Report from a professional engineer	Item 1
HP 13.2.2	Volume Two A2G3(2)(a)	Volume Two A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
		Volume One A5G3(1)(e) – certificate or report from a professional engineer or other appropriately qualified person	Item 26
Volume One SA F1P4	Volume One A2G2(2)(a)	Volume One A5G3(1)(f) – Another form of documentary evidence	Item 23
	Volume One A2G2(1)(b)	Equivalence to the Deemed-to-Satisfy Provisions	Item 22
Volume One NSW G5D3	Volume One A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Item 1
Volume One NSW G5D4	Volume One A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Item 1
Volume One VIC G5D4	Volume One A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Item 1
Volume One NSW J4D3	Volume One A2G2(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
		Volume One A5G3(1)(e) – certificate or report from a professional engineer or other appropriately qualified person	Item 26
Volume One NSW Section J	Volume One A2G3(2)(a)	Volume Two A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
		Volume One A5G3(1)(e) – certificate or report from a professional engineer or other appropriately qualified person	Item 26
Volume One Tas Section J	Volume One A2G3(2)(a)	Volume Two A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
		Volume One A5G3(1)(e) – certificate or report from a professional engineer or other appropriately qualified person	Item 26
Volume Two NSW H2P3	Volume Two A2G2(1)(b)	Equivalence to the Deemed-to-Satisfy Provisions	Item 22
	Volume Two A2G2(2)(a)	Volume Two A5G3(1)(f) – Another form of documentary evidence	Item 23
Volume Two SA H2P3	Volume Two A2G2(1)(b)	Equivalence to the Deemed-to-Satisfy Provisions	Item 22
	Volume Two A2G2(2)(a)	Volume Two A5G3(1)(f) – Another form of documentary evidence	Item 23
Volume Two NSW H7D4	Volume Two A2G3(2)(a)	Volume One A5G3(1)(d) – Report issued by a registered testing authority	Item 1
Volume Two NT H4P6	Volume Two A2G2(2)(a)	Volume Two A5G3(1)(e) – Report from a professional engineer	Item 24 and item 25
Volume Two NT 13.2.2	Volume Two A2G3(2)(a)	Volume Two A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
Volume Two Tas 13.2 (NCC 2019 Part 3.12)	Volume Two A2G2(2)(a)	Volume Two A5G3(1)(d) – Report issued by a registered testing authority	Items 2 to 21
		Volume One A5G3(1)(e) – certificate or report from a professional engineer or other appropriately qualified person	Item 26

B2 Reports

The following reports have been used as evidence to determine compliance with BCA 2022:

Ref	Author	Reference	Date	Description	NATA Registration
1	Warrington Certifire	Certificate AC100.2	21/12/2022	Product assessed against ATS00 / ATS11 to AS 1530.1 and approved for use as a non-combustible product	Accreditation Number 3277
2	BRANZ	Project Number: DC12489-008-01	22/03/2021	Thermal Testing of Knauf Insulation R4.0, nominal thickness 195 mm	ilac-MRA via. IANZ – Accreditation Number 37
3	BRANZ	Project Number: DC12489-009-01	23/03/2021	Thermal Testing of Knauf Insulation R2.0, nominal thickness 90 mm	ilac-MRA via. IANZ – Accreditation Number 37
4	BRANZ	Project Number: DC12489-010-01	25/03/2021	Thermal Testing of Knauf Insulation R3.5, nominal thickness 175 mm	ilac-MRA via. IANZ – Accreditation Number 37
5	BRANZ	Project Number: DC12489-011-01	31/03/2021	Thermal Testing of Earthwool Glasswool R2.2, nominal thickness 90 mm	ilac-MRA via. IANZ – Accreditation Number 37
6	BRANZ	Project Number: DC12489-012-01	31/03/2021	Thermal Testing of Knauf Insulation R2.0, nominal thickness 75 mm	ilac-MRA via. IANZ – Accreditation Number 37
7	BRANZ	Project Number: DC12489-013-01	06/04/2021	Thermal Testing of Sound Shield Insulation R2.5 High Density, nominal thickness 90 mm	ilac-MRA via. IANZ – Accreditation Number 37
8	BRANZ	Project Number: DC12489-014-01	06/04/2021	Thermal Testing of Ceiling Insulation R5.0, nominal thickness 210 mm	Ilac-MRA via. IANZ – Accreditation Number 37
9	BRANZ	Project Number: DC1249-015-01	19/04/2021	Thermal Testing of Knauf Earthwool Roof Blanket R1.8, nominal thickness 75 mm	ilac-MRA via. IANZ – Accreditation Number 37
10	BRANZ	Project Number: DC1249-016-01	19/04/2021	Thermal Testing of Knauf Earthwool Sound Shield +Plus Insulation R2.7, nominal thickness 90 mm	ilac-MRA via. IANZ – Accreditation Number 37
11	BRANZ	Project Number: DC1249-018-01	20/04/2021	Thermal Testing of Knauf Earthwool Roof Blanket R1.3, nominal thickness 55 mm	ilac-MRA via. IANZ – Accreditation Number 37
12	BRANZ	Project Number: DC1249-019-01	20/04/2021	Thermal Testing of Knauf Earthwool Ceiling Insulation R2.5, nominal thickness 125 mm	ilac-MRA via. IANZ – Accreditation Number 37
13	BRANZ	Project Number: DC1249-020-01	27/04/2021	Thermal Testing of Knauf Earthwool Ceiling Insulation R6.0, nominal thickness 275 mm	ilac-MRA via. IANZ – Accreditation Number 37
14	BRANZ	Project Number: DC1249-021-01	29/04/2021	Thermal Testing of Knauf Earthwool Wall Insulation R4.0, nominal thickness 140 mm	ilac-MRA via. IANZ – Accreditation Number 37
15	BRANZ	Project Number: DC1249-022-01	29/04/2021	Thermal Testing of Eco Insulation Glasswool Ceiling Insulation: R4.1 Australia, R4.2 New Zealand, nominal thickness 180 mm	ilac-MRA via. IANZ – Accreditation Number 37
16	BRANZ	Project Number: DC1249-023-01	30/04/2021	Thermal Testing of Knauf Earthwool Wall Insulation R1.5, nominal thickness 75 mm	ilac-MRA via. IANZ – Accreditation Number 37
17	BRANZ	Project Number: DC1249-024-01	06/05/2021	Thermal Testing of Knauf Earthwool Ceiling Insulation R3.0, nominal thickness 145 mm	ilac-MRA via. IANZ – Accreditation Number 37

Ref	Author	Reference	Date	Description	NATA Registration
18	BRANZ	Project Number: DC1249-025-01	12/08/2021	Thermal Testing of Knauf Earthwool Roof Blanket R3.0, nominal thickness 120 mm	ilac-MRA via. IANZ – Accreditation Number 37
19	BRANZ	Project Number: DC1249-027-01	22/12/2021	Thermal Testing of Knauf Earthwool Roof Blanket R3.6, nominal thickness 145 mm	ilac-MRA via. IANZ – Accreditation Number 37
20	BRANZ	Project Number: DC1249-032	21/10/2021	Thermal Testing of Earthwool Glasswool Roof Blanket R-2 .5, nominal thickness 105 mm	ilac-MRA via. IANZ – Accreditation Number 37
21	Knauf Insulation	Report Number: 18012024 – 812472	11/09/2023	Thermal Testing of: 812472 EI R3.4 110x0580x01160mm 07(05)	ilac-MRA via. Standards Malaysia SAMM 1094
22	Standards Australia	AS/NZS 4859.1:2018	2018	Materials for the thermal insulation of buildings – Part 1: General criteria and technical provisions	Not applicable
23	Standards Australia	AS 3999:2015 Incl A1	2015	Bulk thermal insulation - Installation	Not applicable
24	Marshall Day Acoustics	v8.0.10	23/03/2018	INSUL Materials Editor – Knauf Key No. 1715	Not applicable
25	Marshall Day Acoustics	Rp 002 20170139	6/09/2019	Knauf Insulation Cavity Infill Substitution	Not applicable
26	Knauf Insulation	Document No.: NPD_CP_PR_0014	30/04/2020	Technical Report: Compliance of Cwmbran products to AS/NZS 4859.1(2018) 50:90 thermal requirements	Not applicable