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Certificate no: CMNZ70205
Version: 0
Original issue date: 26 March 2026
Version date: 26 March 2026

Product Certificate

Dimond Advanced Roofing Systems

1. Certificate Holder Details

Dimond Advanced Roofing Systems

Fletcher Steel Ltd – t/as Dimond Roofing
810 Great South Road, Penrose, Auckland 1061
New Zealand
roof.tech@dimond.co.nz
Ph: +64 9 579 2099
https://www.dimond.co.nz

2. Product Certification Body

Bureau Veritas Australia Pty Ltd
11/500 Collins Street
Melbourne VIC 3000 Australia
product.certification@bureauveritas.com
Ph: 1800 855 190
www.bureauveritas.com.au

Complaints: The complaints process for this certificate can be found here: www.bureauveritas.com.au/your-feedback

Sam Guindi

Sam Guindi – Bureau Veritas Product Certification Manager

3. Description of Building Method or Product

Name of the product or method in Aotearoa New Zealand, including any brand names used. Description of what it is and the components that make up any system and its physical attributes including the materials and make-up of the product, where applicable. 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. Continuation of description can be found in item 10 – Supporting Information about Description. The building method's or building product's catalogue or model identification number or numbers or other unique identifiers that might be used to identify the building product or building method

Dimond Advanced Roofing Systems are warm roof system(s) consisting of multiple components as below:

1.The Advanced Standard System:

- Dimond Base Sheet
- Dimond Lap Seal Tape
- Dimond Post and Rail System
- Dimond BIB Insulation
- Dimond Underlay
- Dimond Top Sheet

2.The Dimond Advanced Vented and Advanced Non-Vented Systems:

- Dimond Base Sheet
- Dimond Vapour Barrier
- Dimond PIR Insulation Board
- Dimond Underlay
- Dimond Vented Roof Rail (for Vented System)
- Dimond Top Sheet

Refer to Section 10 for details of the individual components.

4. Intended use of Building Method or Product

Intended use of the building method or product as described in the product manual and other instructional materials. A statement of the function or purpose of the building method or product. Continuation of intended use can be found in item 11 – Supporting Information about Intended use.

The Dimond Advanced Standard System is a composite post and rail warm roof system.

The Dimond Advanced Vented & Advanced Non-Vented Systems are composite warm roof systems.

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5. New Zealand 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).
How the building method or product complies or contributes can be found in item 8. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.

B1 Structure: Performance Clause(s) B1.3.1, B1.3.2, B1.3.3 (a, b, c, g, h), B1.3.4
B2 Durability: Performance Clause(s) B2.3.1 (b)
E2 External moisture: Performance Clause(s) E2.3.1, E2.3.2 (contributes to) E2.3.7
F2 Hazardous building materials: Performance Clause(s) F2.3.1
H1 Energy efficiency: Performance Clause(s) H1.3.1, H1.3.2E (contributes to)

6. Conditions and Limitations of Use

The building method or product's use is to be in accordance with the installation instructions and requirements against which the building method or product was assessed.

Conditions or limitations of conformity for the performance requirements the building method or product is compliant with, including any requirements for people with the qualifications and skills to install or use the building method or product, any known or demonstrated situations where the building method or product should not be used. A statement as to whether there are any matters that should be taken into account in the use or application of the building product or building method and, if so, what those matters are.

1. The Dimond Advanced Roofing Systems are certified for buildings where the roofing system:
    a) Is specifically designed by a Chartered Professional Engineer:
        i. for the design actions specified in Verification Method B1/VM1 and;
        ii. In accordance with the relevant Installation Guide(s):
            • Dimond Advanced Roofing Systems Installation Guide Advanced Standard System, Version 1.0, June 2024 and with reference to:
                • Ash & Lacy Spacer Systems System Handbook Issue No. 001, June 2016.
                • Holmes Report 149561.00 LE 0325 Ashgrid System NZ Table, 22 May 2025.
                • Holmes Report 149561.00 LE 0625 Ashgrid system seismic design values v1.1., 23 July 2025.
            • Dimond Advanced Roofing Systems Installation Guide Advanced Non-Vented System, Version 1.0, June 2024.
            • Dimond Advanced Roofing Systems Installation Guide Advanced Vented System, Version 1.0, June 2024, and;
        iii. with reference to the applicable PTS (refer to Section12), specifically with reference to the maximum allowable spans and fixings (type and spacings), and;
    b) slope is not less than 3 degrees (except for Dimond Corrugate which shall be not less than 8 degrees) and;
    c) Is located in any exposure zone as specified in NZS3604 (except microclimates).
2. Exposure of underlays and vapour barriers incorporated in a Dimond Advanced Roofing System to UV and weather during construction shall be not greater than the times specified in section 12.
3. Compliance with H1 shall be demonstrated using the R-values or thermal conductivity values specified in Section 12, using:
    a) the calculation method in Acceptable Solutions H1/AS1 or H1/AS2 (as applicable) or
    b) the modelling method in Verification Methods H1/VM1 or H1/VM2 (as applicable).
4. The designer shall certify that the design is in accordance with the conditions and limitations of this certificate.
5. The roof substructure is outside the scope of this specification.

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7. Health and Safety Information

Health, safety, and well-being declarations associated with installation, maintenance, and use of the building method or product, and their specific editions and dates necessary to ensure the performance requirements of clauses F1 to F9 of the Building Code can be met.

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. Basis for Certification

How the performance requirements in the Building Code were met for each of the provisions. Where used as part of a system, the specific contribution to compliance.

B1 Structure - By analysis and comparison with Verification Method B1/VM1
B2 Durability - By testing and comparison with Verification Method B2/VM1 and Acceptable Solution E2/AS1 and referenced Standard NZS2295
E2 External moisture - By testing and comparison with Acceptable Solution E2/AS1 and referenced Standard NZS2295
F2 Hazardous building materials - By comparison with the performance requirements of Building Code clause F2.3.1
H1 Energy efficiency - By testing and comparison with Acceptable Solutions H1/AS1 and H1/AS2, and Verification Methods H1/VM1 and H1/VM2

9. Supporting Documentation for Certification

Reference to any acceptable solutions, verification methods, New Zealand Standards, or other compliance pathways referenced against each individual performance requirement the building method or product is compliant with, and their specific version and date. Reference to documents describing tests and evaluations and any other documents relied on for certification or used to prove compliance, including their full title, specific version and date.

1. B1 Structure Verification Method B1/VM1 Structural design of buildings, Second Edition, 28 July 2025.
2. B2 Durability Verification Method B2/VM1 Durability of buildings elements using in-service history, laboratory testing, and comparisons to similar materials, Third Edition, 28 July 2025.
3. E2 External Moisture Acceptable Solution E2/AS1 External moisture provisions for timber-framed buildings up to 10 m in height, Fourth Edition, 28 July 2025.
4. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials First edition (Amendment 3), 1 January 2017.
5. H1 Energy Efficiency, Acceptable Solution H1/AS1, Energy efficiency for all housing, and buildings up to 300 m², Fifth edition Amendment 1, 4 August 2022.
6. H1 Energy Efficiency, Acceptable Solution H1/AS2, Energy efficiency for buildings greater than 300 m², First edition Amendment 1, 4 August 2022.
7. H1 Energy Efficiency, Verification Method H1/VM1, Energy efficiency for all housing, and buildings up to 300 m², Fifth edition Amendment 1, 4 August 2022.
8. H1 Energy Efficiency, Verification Method H1/VM2, Energy efficiency for all housing, and buildings greater than 300 m², First edition Amendment 1, 4 August 2022.
9. NZS3604:2011 Timber framed buildings.
10. NZS2295:2006 Pliable, permeable building underlays.

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11. AS/NZS1170:2002 Structural Design Actions.
12. Holmes Report 149561.00 LE 0325 Ashgrid System NZ Table.docx, 22 May 2025.
13. Holmes Report 149561.00 LE 0625 Ashgrid system seismic design values v1.1.docx, 23 July 2025.
14. BRANZ Appraisal 876 [2020] Solitex Mento 1000 Roof Underlay, 02 September 2020.
15. BRANZ Appraisal 904 [2021] Thermakraft Covertek 407 Roof Underlay, 24 April 2024.
16. BRANZ Appraisal 917 [2021] Thermakraft Covertek 403 Roof and Wall Underlay, 1 July 2025.
17. BRANZ Test Report DC18721-02-1 Report on Testing of a Self-adhesive Vapour Barrier, 12 September 2024.
18. BRANZ Appraisal No. 238 (2023) Pink Batts Insulation), 4 November 2024.
19. ROCKWOOL Cool 'n' Comfort RL920 - Technical Data Sheet, 1 November 2023.
20. ROCKWOOL - Hardrock & Roofrock, Technical Data Sheet, 1 November 2023.
21. DOP2500.CPR.2019.TR28.002 Therma R28, 11 April 2023.
22. BBA Agreement Certificate 15/5283 IKO Enerthem ALU Insulation Board for Timber-frame Dwellings, 26 June 2024.
23. KINZ-CVALUDS, Kingspan Thermakraft CaVap Alu 1500 UV-AC DATA SHEET, v1.0 , September 2024.
24. Safety Data Sheet New Zealand Steel COLORSTEEL® ALTIMATE Version 2.1, 6 May 2024.
25. Safety Data Sheet New Zealand Steel COLORSTEEL® Version 3.1, 6 June 2024.
26. Therma™ Product Safety Information Ninth Issue, April 2024.
27. Safety Data Sheet THERMAKRAFT COVERTEK Issue 5.0, April 2024.
28. Safety Data Sheet Thermakraft Premium Joining Tape Issue 4.0, April 2024.
29. Safety Data Sheet PINK® BATTS® INSULATION Version 1.6, 30 August 2021.
30. Safety Data Sheet Pro Clima SOLITEX MENTO Revision 1,01, 3 December 2024.
31. Safety Use Information Sheet ROCKWOOL Stone Wool Insulation Products.
32. SAFE USE INSTRUCTION SHEET Kingspan PIR foam panel with aluminium foil, kraft paper and polyethylene film multilayered facing, Rev 4, 17 August 2023.
33. SAFETY DATA SHEET ZINCALUME® STEEL AND TRUECORE® STEEL Rev 3, 29 Aug 2024.
34. MSDS IKO Enertherm PIR, 11 August 2019 Dimond Corrugate Product Technical Statement, June 2025.
35. Dimond Corrugate Product Technical Statement, June 2025
36. Dimond BB900 Product Technical Statement, June 2025.
37. Dimond DD400 Product Technical Statement, June 2025.
38. Dimond DP955 Product Technical Statement, June 2025.
39. Dimond EUROTRAY - ANGLE SEAM Product Technical Statement, June 2025.
40. Dimond EUROTRAY - ROLL CAP Product Technical Statement, June 2025.
41. Dimond EUROTRAY - ROLL SEAM Product Technical Statement, June 2025.
42. Dimond HERITAGE TRAY Product Technical Statement, June 2025.

43. Dimond HI FIVE Product Technical Statement, June 2025.
44. Dimond LT7 Product Technical Statement, June 2025.
45. Dimond SIX RIB Product Technical Statement, June 2025
46. Dimond SOLAR RIB Product Technical Statement, June 2025.
47. Dimond STEELSPAN Product Technical Statement, June 2025.
48. Dimond STYLELINE Product Technical Statement, June 2025.
49. Dimond TOPSPAN Product Technical Statement, June 2025.
50. Dimond VEEDEK Product Technical Statement, June 2025.
51. Dimond V-RIB Product Technical Statement, June 2025.
52. Dimond DEK DD630 LR5 Product Technical Statement, June 2025.
53. Dimond HERITAGE TRAY Product Technical Statement, June 2025.
54. Dimond Advanced Roofing Systems Installation Guide Advanced Standard System, Version 1.0, June 2024.
55. Dimond Advanced Roofing Systems Installation Guide Advanced Non-Vented System, Version 1.0, June 2024.
56. Dimond Advanced Roofing Systems Installation Guide Advanced Vented System, Version 1.0, June 2024.
57. Ash & Lacy Spacer Systems System Handbook Issue No. 001, June 2016.

10. Supporting Information About Description (Optional)

Any supporting information for section 3.

Advanced Standard System comprises the following:

Dimond Base Sheet (in G550, 0.40mm or 0.55mm BMT coated steel sheet).:

- Dimond BB900
- Dimond DP955
- Dimond Hi-Five
- Dimond V-Rib

Dimond Lap Seal Tape:

- Thermakraft Premium Joining Tape

Dimond Post & Rail System:

- Ash & Lacy – AshGrid Spacer System

Dimond BIB Insulation:

- Pink® Batts® Building Insulation Blanket
- ROCKWOOL® Cool ‘n’ Comfort
- ROCKWOOL® Hardrock

Dimond Underlay:
- Thermakraft Covertek 407
- Thermakraft Covertek 405
- Pro Clima Solitex Mento 1000 Connect

Dimond Top Sheet:
- All Dimond roof profiles (see below) manufactured out of Pacific Coil Coaters ColorCote or New Zealand Steel COLORSTEEL product Dimond

Advanced Vented & Advanced Non-Vented Systems comprises the following;

Dimond Base Sheet (in G550, 0.40mm or 0.55mm BMT coated steel sheet):
- Dimond BB900
- Dimond LT7

Dimond Vapour Barrier:
- CaVap Alu 1500 UV-AC

Dimond PIR Insulation Board:
- IKO Enertherm or
- Kingspan Therma TR28

Dimond Underlay:
- Thermakraft Covertek 403
- Pro Clima Solitex Mento 1000 Connect
  - Dimond Vented Roof Rail:Dimond Vented Roof Rail (27mm high component which is manufactured out of G500 1.45mm BMT Z450 (450g/m²) galvanised steel).

Dimond Top Sheet:
- All Dimond roof profiles (see below) manufactured out of Pacific Coil Coaters ColorCote or New Zealand Steel COLORSTEEL product

Dimond roof profiles:
- Dimond Corrugate
- Dimond BB900
- Dimond DD400
- Dimond DP955
- Dimond EUROTRAY - ANGLE SEAM
- Dimond EUROTRAY - ROLL CAP
- Dimond EUROTRAY - ROLL SEAM

- Dimond HERITAGE TRAY
- Dimond HI FIVE
- Dimond LT7
- Dimond SIX RIB
- Dimond SOLAR RIB
- Dimond STEELSPAN
- Dimond STYLELINE
- Dimond TOPSPAN
- Dimond VEEDEK
- Dimond V-RIB
- Dimond DEK DD630 LR5

11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

N/A

12. Supporting Information About Conditions and Limitations of Use (Optional)

Any supporting information for section 6.

Product Technical Statements

- Dimond Corrugate Product Technical Statement, 06 2025
- Dimond BB900 Product Technical Statement, 06 2025
- Dimond DD400 Product Technical Statement, 06 2025
- Dimond DP955 Product Technical Statement, 06 2025
- Dimond EUROTRAY - ANGLE SEAM Product Technical Statement, 06 2025
- Dimond EUROTRAY - ROLL CAP Product Technical Statement, 06 2025
- Dimond EUROTRAY - ROLL SEAM Product Technical Statement, 06 2025
- Dimond HERITAGE TRAY Product Technical Statement, 06 2025
- Dimond HI FIVE Product Technical Statement, 06 2025
- Dimond LT7 Product Technical Statement, 06 2025
- Dimond SIX RIB Product Technical Statement, 06 2025
- Dimond SOLAR RIB Product Technical Statement, 06 2025
- Dimond STEELSPAN Product Technical Statement, 06 2025
- Dimond STYLELINE Product Technical Statement, 06 2025
- Dimond TOPSPAN Product Technical Statement, 06 2025

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- Dimond VEEDEK Product Technical Statement, 06 2025
- Dimond V-RIB Product Technical Statement, 06 2025
- Dimond DEK DD630 LR5 Product Technical Statement, 06 2025

Thermal Resistance/Conductivity Properties

- Pink Batts Insulation R-values as presented in Table 1 of the BRANZ Appraisal Certificate (see referenced documents).
- Rockwool Cool 'n' Comfort RL920 - thermal conductivity 0.035 W/m.K.
- ROCKWOOL Hardrock 80 - thermal conductivity 0.037 W/m.K.
- Therma TR28 - thermal conductivity 0.022 W/m.K.
- IKO Enertherm - thermal conductivity 0.022 W/m.K.

UV exposure

- Pro Clima Solitex Mento 1000 - 30 days UV
- Thermakraft Covertek 407 - 28 days UV
- Thermakraft Covertek 403 - 7 days UV
- Kingspan Thermakraft CaVap Alu 1500 UV-AC - 7 days UV

All CodeMark certificates that are current must be registered with MBIE. MBIE maintains a register of valid product certificates. Please find the register here.

If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.