



Certificate of Conformity

Certificate number: CM40345 Rev2

Certification Body:



ABN: 81 663 250 815
JAS-ANZ Accreditation
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Certificate Holder:



Delta Panels Pty Ltd
ABN: 11 147 861 292
731 Boundary Road,
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Australia
Ph: 07 3271 2170
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THIS IS TO CERTIFY THAT

DeltaFireX™ Car Port System

Type and/or use of product:

DeltaFireX™ Car Port System is used as a roof for non-habitable buildings and structures.

Description of product:

DeltaFireX™ Car Port System incorporates the non-combustible DeltaTrim-MW & DeltaOrb-MW panels. The panels are available in a 75mm, 100mm, 125mm or 150mm thick and 1000mm wide panel in various lengths.

Refer A2 for details.

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

BCA 2022

	Volume One	Volume Two
Performance Requirement(s):	Not Applicable	Not Applicable
Deemed-to-Satisfy Provision(s):	Not Applicable	H3D2(g) Non-combustible materials
State or territory variation(s):	Not Applicable	Not Applicable

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

Limitations and conditions:

1. Compliance of DeltaFireX™ Car Port System with NCC Vol. 2 H3D2(g) is as a non-combustible bonded laminated material.
2. This certificate is limited to installation of the roof panels on Class 10 non-habitable buildings and structures only.
3. Construction shall be in strict accordance with the details is A5.
4. The structural support members are designed and engineered separately as per project requirements by building designers and engineers.
5. When used as an open carport the design needs to consider the requirements of Part 9.2.8 of the ABCB Housing Provisions with the exception of 9.2.8.(c), (d) & (f)(i), to the satisfaction of the appropriate authority.
6. The use of the certified product/system is subject to these Limitations and Conditions and must be read in conjunction with the Scope of Certification below.

Building classification/s:

Class 10a

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.


Richard Donarski - CMI


Don Grehan – Unrestricted Building Certifier

Date of issue: 18/07/2024

Date of expiry: 11/05/2025





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Only criteria as identified within this Certificate of Conformity can be used for CodeMark certification claims. Where other claims are made in a client's Installation Manual, Website or other documents that are outside the criteria on this Certificate of Conformity, such criteria cannot be used or claimed to meet the requirements of this CodeMark certification.

The NCC defines a Performance Solution as one that complies with the Performance Requirements by means other than a Deemed-to-Satisfy Solution. A Building Solution that relies on a CodeMark Certificate of Conformity that certifies a product against the Performance Requirements cannot be considered as Deemed-to-Satisfy Solution.

This Certificate of Conformity may only relate to a part of a Performance Solution. In these circumstances other evidence of suitability is needed to demonstrate that the relevant Performance Requirements have been met. The relevant provisions of the Governing Requirements in Part A of the NCC will also need to be satisfied.

This Certificate of Conformity is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate of Conformity is outside of this document's scope and the installation of the certified product will not be covered by this Certificate of Conformity.

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.

When using the CodeMark logo in relation to or on the product/system, the Certificate Holder makes a declaration of compliance with the Scope of Certification and confirms that the product is identical to the product certified herein. In issuing this Certificate of Conformity, CMI Certification Pty Ltd (CMI) has relied on the experience and expertise of external bodies (laboratories and technical experts).

Nothing in this document should be construed as a warranty or guarantee by CMI, and the only applicable warranties will be those provided by the Certificate Holder.

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

As per page 1.

A2 Description of product

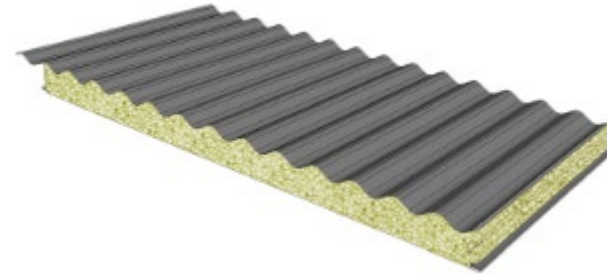
DeltaFireX™ incorporates DeltaTrim-MW & DeltaOrb-MW panels which consist of a top skin of 0.42mm/G550 AZ150 Steel and a bottom skin of 0.55mm G300 Z275 Steel with a 100kg/m³ nominal density Mineral Wool core. The panels are available in a 75mm, 100mm, 125mm or 150mm thick and 1000mm wide panel in various lengths.

A3 Product specification

DeltaTrim-MW



DeltaOrb-MW



DeltaTrim-MW Fixing Details

Crest fixing only. One fixing every second crest

Panel Thickness	Fixing into Steel
75mm	Tek 14 x 150mm Hex Head Screw
100mm	Tek 14 x 175mm Hex Head Screw
125mm	Tek 14 x 200mm Hex Head Screw
150mm	Tek 14 x 230mm Hex Head Screw

DeltaOrb-MW Fixing Details

Crest fixing only. One fixing every second crest

Panel Thickness	Fixing into Steel
75mm	Tek 14 x 135mm Hex Head Screw
100mm	Tek 14 x 150mm Hex Head Screw
125mm	Tek 14 x 175mm Hex Head Screw
150mm	Tek 14 x 200mm Hex Head Screw

Use Cyclone Plate and Neo Washer on each fixing. Upon Installation the overlap needs to be stitch screwed or riveted every 300mm.

Roof Pitch DeltaTrim-MW ≥ 2° and DeltaOrb-MW ≥ 3°.

Non-Combustibility Each lamina of the DeltaTrim-MW & DeltaOrb-MW Panels have been tested in accordance with AS 1530.1-1994 and is NOT deemed combustible.

Fire Properties

AS/NZS 1530.3-1999
Regulatory Indices

DeltaTrim-MW

Ignitability Index	0	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	0	Range 0-10
Smoke Index	3	Range 0-10

Source: AWTA Report 21-003527, dated 19/07/2021.

DeltaOrb-MW

Ignitability Index	0	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	0	Range 0-10
Smoke Index	3	Range 0-10

Source: AWTA Report 21-003529, dated 19/07/2021.



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A4 Manufacturer and manufacturing plant(s)

Delta Panels Pty Ltd
731 Boundary Road,
Richlands, QLD 4077.

A5 Installation requirements

Installation of DeltaFireX is to be installed accordance with the [DeltaFireXRoof brochure version V24.07.03](#) and incorporates the use of either DeltaTrim-MW & DeltaOrb-MW and the appropriate documents below.

- [DeltaOrb-MW V24-07-03](#); or
- [DeltaTrim-MW V24-07-03](#)

A6 Other relevant technical data

No other relevant technical data.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Fire Safety Provisions A5G3(1)(d)&(e). Reports from Accredited Testing Laboratories and a professional engineer.

B2 Reports

1. AWTA Testing Authority Ltd; NATA Accreditation No. 1356; Report 21-003527; Testing in accordance with AS/NZS 1530.3-1999, Dated 19/07/2021. Report is supporting compliance with H3D2(g).
2. AWTA Testing Authority Ltd; NATA Accreditation No. 1356; Report 21-003529; Testing in accordance with AS/NZS 1530.3-1999, Dated 19/07/2021. Report is supporting compliance with H3D2(g).
3. CSIRO; NATA Accreditation No. 165; Report No. FNC12440; Combustibility test for materials in accordance with AS 1530.1-1994; Dated 09/09/2019. Report is supporting compliance with H3D2(g).
4. CSIRO; NATA Accreditation No. 165; Report No. FNC12604; Combustibility test for materials in accordance with AS 1530.1-1994; Dated 24/07/2020. Report is supporting compliance with H3D2(g).
5. SOTERA Pty Ltd; Fire Engineers Report No. A21007 J005 Rev 1-4; DeltaFireX Carport System; Dated 17/01/2023. Report is supporting compliance with H3D2(g).

The Certificate Holder has chosen not to make the above evidence of compliance publicly available, due to the documents being considered commercial in confidence.