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Certificate Holder:



Delta Panels Pty Ltd
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THIS IS TO CERTIFY THAT

Delta MW and EPS Panel Class 10a Awning and Patio Roof System

Type and/or use of product:

To be used for Class 10a Awning and Patio structures that are attached or adjacent to a Class 1a building that run parallel with a side boundary and is within 900mm of that side boundary.

Description of product:

Delta MW and EPS Panel Class 10a Awning and Patio Roof System incorporates DeltaTrim-MW or DeltaOrb-MW Panels (within 900mm of the boundary) and DeltaOrb™ EPS-FR or DeltaTrim™ EPS-FR panels of the same thickness and profile for the remaining section of the structure. Refer A2.

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

BCA 2019 (Amdt. 1)

	Volume One	Volume Two
Performance Requirement(s):	Not Applicable	P2.3.1(a) Contributes to the Spread of fire subject to <i>Limitation and Condition 1</i>
Deemed-to-Satisfy Provision(s):	Not Applicable	Not Applicable
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 with P2.3.1(a) is subject to site specific performance solution to the satisfaction of the Appropriate Authority as described by the NCC.
2. The Delta MW and EPS Panel Class 10a Awning and Patio Roof System is only to be used as a Class 10a Awning and Patio structure attached or adjacent to a Class 1a building positioned within 900 mm of a site boundary pursuant to NCC 2019 Amdt 1 Volume 2.
3. In the absence of a site-specific performance solution, this system must not be used to facilitate the exemptions for a carport specified in Part 3.7.2.6 Open carports of Volume 2 of the BCA 2019.
4. Construction shall be in strict accordance with A5 of this Certificate of Conformity.
5. Compliance with P2.3.1(a) is dependent on the system as specified in A3. Any deviation from the described system does not form part of this Certificate of Conformity.
6. The structural support members are designed and engineered separately as per project requirements by building designers and engineers.
7. 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



Richard Donarski - CMI



Don Grehan – Unrestricted Building Certifier

Date of issue: 17/01/2023

Date of expiry: 11/05/2025





Certificate of Conformity

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.

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.

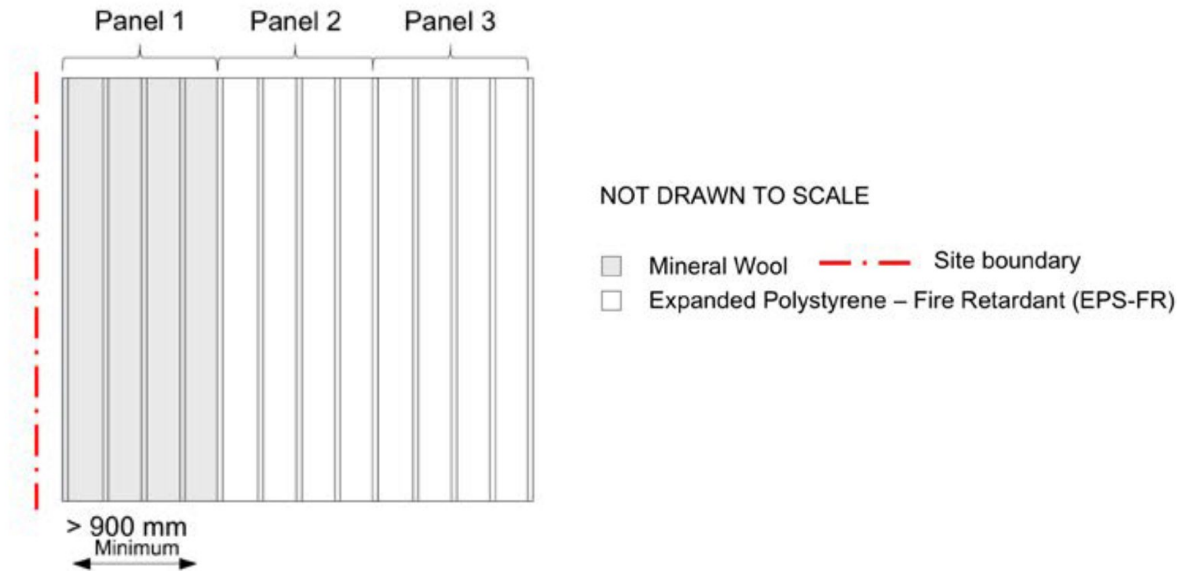
APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

Delta MW and EPS Panel Class 10a Awning and Patio Roof System is to be used as the roof of an Awning or Patio that run parallel with a side boundary and is within 900mm of that side boundary when attached or adjacent to a Class 1a building as shown in the figure below.

A2 Description of product

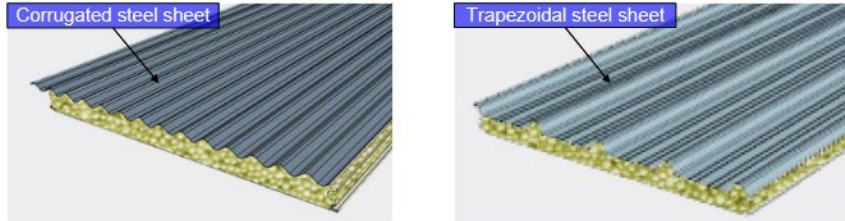
The panel closest to the boundary that is within 900mm (Panel 1) is a non-combustible Mineral Wool cored panel that is either DeltaTrim-MW or DeltaOrb-MW Panels. The remaining panels in the system are either and DeltaOrb™ EPS-FR or DeltaTrim™ EPS-FR (Panel 2 – 3).



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 with a minimum panel width of 900 mm in various lengths.

DeltaOrb™ EPS-FR and DeltaTrim™ EPS-FR 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 13.5kg/m³ nominal density SL Grade EPS-FR core. The panels are available in a 75mm, 100mm, 125mm or 150mm thick and with a panel width of 1000 mm in various lengths.

A3 Product specification



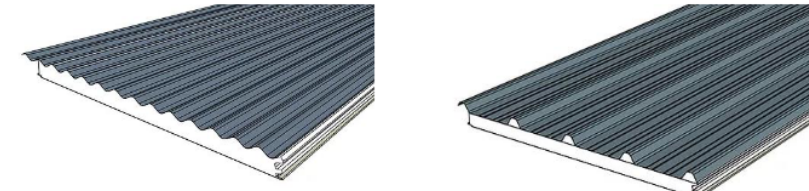
DeltaOrb™ MW

DeltaTrim™ MW

Panel Type I

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

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™ EPS-FR

DeltaTrim™ EPS-FR

Panel Type II

DeltaOrb™ EPS-FR 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

DeltaTrim™ EPS-FR 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

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 and DeltaTrim™ EPS-FR $\geq 2^\circ$
DeltaOrb-MW and DeltaOrb™ EPS-FR $\geq 3^\circ$.

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Spread of Fire

Delta MW and EPS Panel Class 10a Awning and Patio Roof System meet the performance requirements of P2.3.1(a) Volume 2, NCC 2019 Amendment 1 when installed in accordance with the [Delta Panels Mineral Wool – Awnings & Patio Brochure V10.05.22](#) and Section 4.4 (SOTERA Pty Ltd; Fire Engineers Report; Delta MW and EPS-FR Panel Class 10a Awning and Patio Roof System; Rev 1-3; Dated 27/04/2022) as a Class 10a structure (awning or patio roof) attached or adjacent to a Class 1a building positioned directly adjacent to the site boundary (i.e. less than 900 mm from the site boundary).

The comparative assessment has demonstrated qualitatively and quantitatively that the Delta MW and EPS Panel Class 10a Awning and Patio Roof System (when installed to the requirements of Section 4.4 (SOTERA Pty Ltd; Fire Engineers Report; Delta MW and EPS-FR Panel Class 10a Awning and Patio Roof System; Rev 1-3; Dated 27/04/2022)) does not increase the risk of fire spread from or to an associated Class 1 building when compared to the DtS base case.

Performance requirement P2.3.1(a) is satisfied. The assessment is compliant in accordance with A2.2(1)(b) and A2.2(2)(d).

Source: SOTERA Pty Ltd; Fire Engineers Report; Delta MW and EPS-FR Panel Class 10a Awning and Patio Roof System; Rev 1-3; Dated 27/04/2022.

A4 Manufacturer and manufacturing plant(s)

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

A5 Installation requirements

Compliance with P2.3.1(a) requires installation to be in accordance with the [Delta Mineral Wool Panels V10.05.22](#), the following relevant Technical Data Sheets and Section 4.4 (SOTERA Pty Ltd; Fire Engineers Report; Delta MW and EPS-FR Panel Class 10a Awning and Patio Roof System; Rev 1-3; Dated 27/04/2022).

- [DeltaOrb-MW V27.04.22](#)
- [DeltaTrim-MW V27.04.22](#)
- [DeltaTrim-EPS-FR V04.02.22](#)
- [DeltaOrb-EPS-FR V04.02.22](#)

A6 Other relevant technical data

No other relevant technical data.



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APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Spread of Fire Provisions A5.2(1)(e). A report from a professional engineer.

B2 Reports

1. SOTERA Pty Ltd; Fire Engineers Report No. A21007 J004 Rev1-3; Delta MW and EPS-FR Panel Class 10a Awning and Patio Roof System; Rev 1-3; Dated 27/04/2022.
2. AWTA Testing Authority Ltd; NATA Accreditation No. 1356; Report 21-003527; Testing in accordance with AS/NZS 1530.3-1999, Dated 19/07/2021.
3. AWTA Testing Authority Ltd; NATA Accreditation No. 1356; Report 21-003529; Testing in accordance with AS/NZS 1530.3-1999, Dated 19/07/2021.
4. CSIRO; NATA Accreditation No. 165; Report No. FNC12440; Combustibility test for materials in accordance with AS 1530.1-1994; Dated 09/09/2019.
5. CSIRO; NATA Accreditation No. 165; Report No. FNC12604; Combustibility test for materials in accordance with AS 1530.1-1994; Dated 24/07/2020.

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