

# FC20823-01-1-C1

## Assessment Report Summary



This is to certify that the specimens described below have been examined according to AS ISO 9705:2003 (R2016) and ISO 9705:1993 by BRANZ on behalf of the sponsor.

### Sponsor

Metalcraft Insulated Panels Limited  
139 Roscommon Road  
Wiri  
Auckland 2104  
New Zealand

### Reference BRANZ Report

FC20823-01-1 – 2 July 2025

**BRANZ Test Reports Assessed:** FI5953-TT, FI14228-01

**Specimen Name:** Thermopanel EPS

**Specimen Description:** Nominally 100 mm thick steel-skin and polystyrene cored interlocking sandwich panel.

### Assessed Steel Products for the Manufacture of Thermopanel EPS:

Galvsteel®  
COLORSTEEL® Maxam®  
COLORSTEEL® Maxx®  
COLORSTEEL® Endura®

**Orientation:** Exposure from external face.

### The assessed results are as follows:

Building Code Document	Classification
NZBC Verification Method C/VM2 Appendix A	<b>Group Number 1-S</b>
NCC 2022, Amendment 1, Volume One, Specification 7, Clause S7C4, determined in accordance with AS 5637.1:2015	<b>Group 1</b> SMOGR <sub>RC</sub> not more than 100 m <sup>2</sup> /s <sup>2</sup> x 1000

For use in Australia, this assessment was carried out in accordance with the Australian National Construction Code (NCC) 2019, (Evidence of Suitability – Volumes 1 and 2) Part A5, Clause A5.2 (1) (d) and NCC 2022 Part A5, clause A5G3 (1) (d).

### Issued by

L. Q. Greive  
Fire Testing Engineer  
BRANZ

### Reviewed and authorised for release

by

L. F. Hersche  
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### Issue Date

2 July 2025