

# FC18786-01-1-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 Roofing Limited  
30 Highbrook Drive  
East Tamaki  
Auckland 2013  
New Zealand

### Reference BRANZ Report

FC18786-01-1 – 13 February 2025

### Specimen as described by the client:

Metalcraft Roofing Met-Therm® Warm Roofing System with MetecnoTherm® PIR board.


### Acceptable variations to the specimen:

- Replacing the exposed Metcom 7 roofing sheet with Kahu, Metcom 965, or Metcom 930.
- Replacing the unexposed Metcom 7 roofing sheet with Espan 340, Kahu, Metcom 965, or Metcom 930.
- Replacing the ebatten® with a 3.5 mm aluminium Met-Therm® batten as detailed in Figure 4 of BRANZ Assessment report FC18786-01-1.
- Removing the polyester packers.
- Replacing the exposed steel flashing with a 200 mm x 200 mm 0.55 BMT steel flashing with crush folded ends.
- Replacing the double layer of MetecnoTherm® Insulation with up to 150 mm thick single layer.
- To use COLORSTEEL® Galvsteel®, COLORSTEEL® Maxam®, COLORSTEEL® Maxx®, COLORSTEEL® Endura® type of roofing sheets in the previously specified profiles.

### The assessed results are as follows:

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

### Issued by



L. Q. Greive  
Fire Testing Engineer  
BRANZ

### Reviewed and authorised for release by



E. Soja  
Senior Fire Safety Engineer  
BRANZ

### Issue Date

13 February 2025