

This sheet confirms the structural adequacy of the roof sheeting assembly (sheeting, screw and washer) when correctly installed and does not extend to the capacity of the batten/purlin. Refer to the sheeting & batten manufacturers data for maximum support spacings. Axial withdrawal capacity for each fastener exceeds the 3.1kN requirements of AS3566.1: 2002 - Self-drilling screws for building and construction industries - General requirements and mechanical properties. Strength limit state fastener loads have been derived from the test pressures using simplified static analysis with the uniform pressure (load) distribution.

Design Load

(kN)

0.53

0.60

- Italic denotes spans that exceed foot traffic limitations.
- Maximum Corodek spans to suit foot traffic are 1350mm
- Maximum Trimclad spans to suit foot traffic are 1350mm

Accepted for Inclusion

DTCM ref:

Chairman's Signature:

Chairman's Name: Paul Nowland

Expiry Date: 24/05/2024 Date of Approval: 24/05/2019

METAL BATTENS 0.75mm BMT min, G550 min,

TIMBER BATTENS F17 Hardwood

Maximum Design Pressure (kPa) for Span L (mm) 600 Span Type 900 1200 1500 1800 2100 Internal 5.49 3.29 2.19 1.75 1.46 1.25 4.75 Equal 2.83 2.00 1.59 1.33 1.14 Double 3.80 2.27 1.28 1.06 0.91 *Checking Engineers Certification *Certifying Engineers Certification

METROLL TRIMCLAD ROOF CLADDING - ULTIMATE LIMIT STATE DESIGN PRESSURES (kPa)

Test Certificate Numbers

(900mm centres min.)

Side Lap Fixing

All dimensions mm (nominal)

Bremick Vortex™ Stitch M6.5-13 x 20

Note:

JCU Cyclone Testing Station Report TS1069 Cyclic Simulated Wind Load Strength Testing of Roofing Screw and 25mm BRA Washer Assemblies for Roofing Applications, 26th June 2017

Name: RACHBEL ZELWER

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