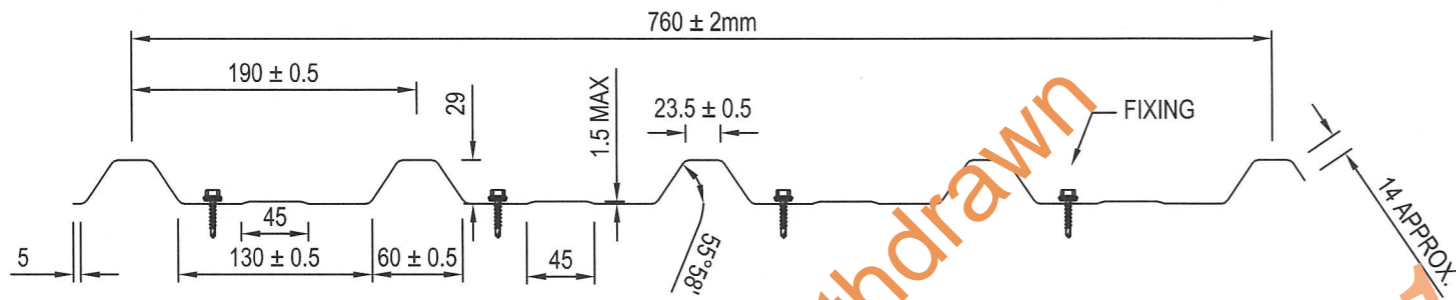
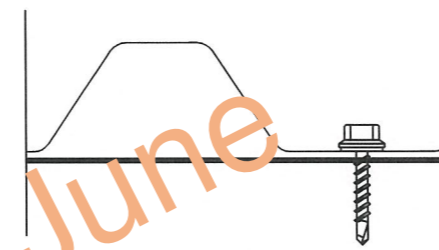


IN ACCORDANCE WITH NCC VOLUME 2 (SECTION P3.10.1). THIS PRODUCT SATISFIES PERFORMANCE REQUIREMENT P2.1.1 FOR CONSTRUCTION IN A HIGH WIND AREA



**FIXING DETAIL**



**STEELINE STEEL CLAD WALL CLADDING**

**MATERIAL SPECIFICATION**

METAL TYPE	THICKNESS	GRADE	FINISH
STEEL ASTM A653 OR EQUIVALENT	0.42BMT 0.48BMT	550 MPa 550 MPa	ZINCALUME, REPAINTED, COATED

**FIXING REQUIREMENTS**

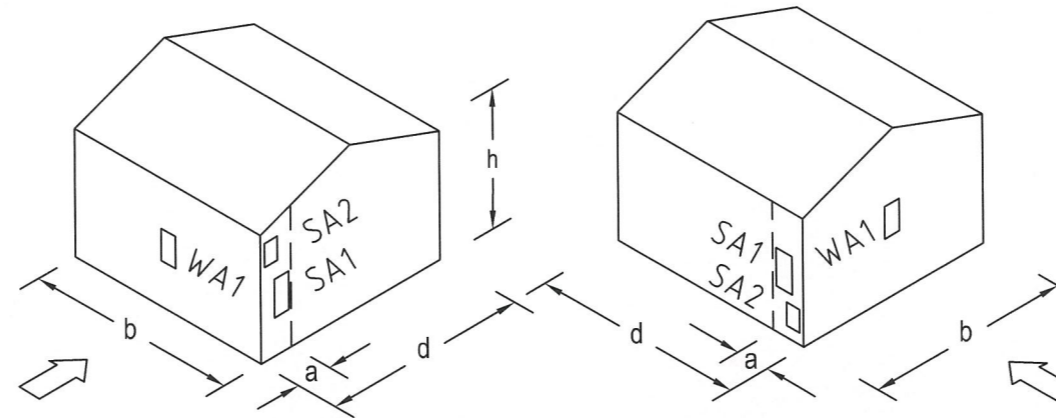
Fixing	No. of Fixing	Wall Framing Member
12-14 Tek Screw	4	≥0.75mm Steel
14-10 Tek Screw	4	≥1.5mm Steel
14-10 x 50 Type 17 Screw	4	70mm x 45mm Timber

Timber - Structural grade MGP12. For Hardwood Reduce Screw length to 35mm

Steel Thickness - Steel shall mean a minimum thickness of 0.75mm G550 or 1.0mm at G500 and G450 for thicker steel. When installing through insulation, increase screw length over cladding & maintain a minimum of 3 threads protruding the far side of the support.

**MAX. ALLOWABLE CLADDING SPANS**

Region	Site Wind Speed "V <sub>sit,β</sub> "	Design Wind Pressure "p <sub>d</sub> "	Local Factor "K <sub>L</sub> "	Allowable Span
C	70 m/s	2.94 KPa	1.5	1100
			2	900
	66 m/s	2.61 KPa	1.5	1250
			2	1000
	62 m/s	2.31 KPa	1.5	1400
			2	1150
	58 m/s	2.02 KPa	1.5	1600
			2	1350
	54 m/s	1.75 KPa	1.5	1800
			2	1550
	50 m/s	1.50 KPa	1.5	2000
			2	1800



SA1 = KL - 1.5  
SA2 = KL - 2.0  
WA1 = KL - 1.5

**ROOF - LOCAL PRESSURE ZONES**

NOTE - "a" = The lesser of 0.2b, 0.2d & h  
"h" = Average Structure Height

Product Name

Steeline Steel Clad Wall Cladding

Product Description

Steel Clad Screw Fixed Wall Cladding

Manufacturer's Name

GENERAL ROOFING PRODUCTS PTY LTD

24 Pruen Road, Berrimah, NT, 0828

**DESIGN CRITERIA**

- Site Wind Speeds shall be determined in accordance with AS/NZ1170.2-2011, SAA Loading Code, Part 2:Wind Loads.
- Internal Pressure Coefficient = +0.7, -0.65

**Limitations**

- Cpe values based on a maximum of 0.7.
- Not for supporting liquid loads or heavy lateral loads.
- Aspect Ratios h/d and h/b to be not more than 1.0
- All fixings shall be class 4 finish
- Minimum 3 continuous span installation
- For Wall Heights not greater than 10m

**Accepted for Inclusion**

DTCM ref: M/258

Test Report - The above specification is based on LHL testing Report No.s C081001-15, C081001-16 & C081001-17 by ENGTEST The University of Adelaide Australia.

Steeline Wall Sheeting Report 130814

**\*\*Checking Engineers Certification**

Name: Phil Low  
RPEQ No: 6307  
Date: 03 Oct 2014  
Signature: *[Signature]*

**\*\*Certifying Engineers Certification**

Name: John L Towler  
NT Rego Number: 24642ES  
Date: 03 Oct 2014  
Signature: *[Signature]*

\*\*registered as structural engineer in Northern Territory

Chairman's Signature: *[Signature]*

Chairman's Name: Peter Russell

Date of Approval: 23/10/14 Expiry Date: 23/10/19