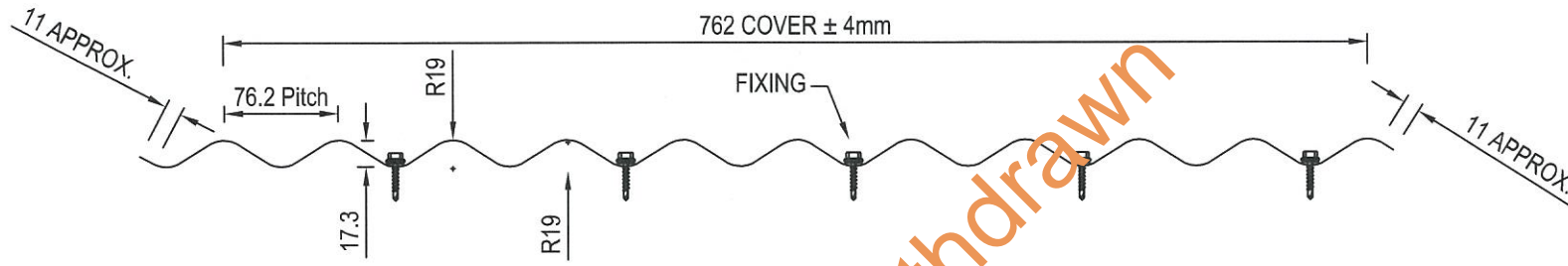


IN ACCORDANCE WITH NCC VOLUME 2 (SECTION P3.10.1). THIS PRODUCT SATISFIES PERFORMANCE REQUIREMENT P2.1.1 FOR CONSTRUCTION IN A HIGH WIND AREA

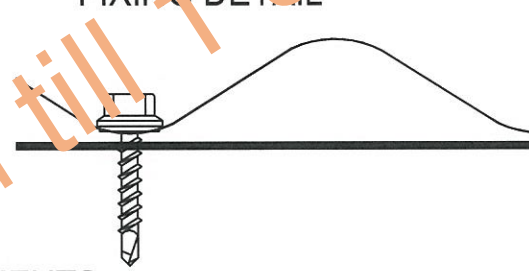


STEELINE CORRUGATE WALL CLADDING

MATERIAL SPECIFICATION

METAL TYPE	THICKNESS	GRADE	FINISH
STEEL ASTM A653 OR EQUIVALENT	0.42BMT 0.48BMT	500 MPa 550 MPa	ZINCALUMINE, REPAINTED, COATED

FIXING DETAIL



MAX. ALLOWABLE CLADDING SPANS

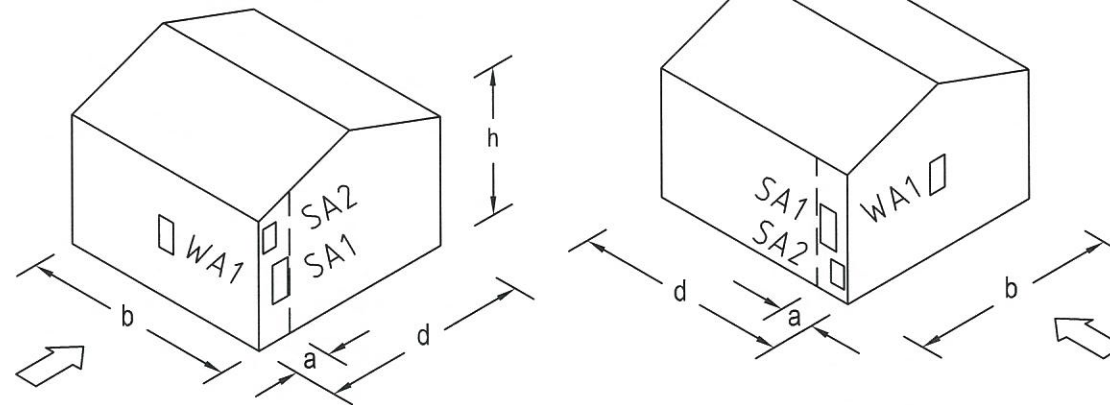
Region	Site Wind Speed "V _{sit,β} "	Design Wind Pressure "P _w "	Local Factor K _L	Allowable Span
C	70 m/s	2.34 KPa	1.5	1000
			2	800
	66 m/s	2.61 KPa	1.5	1150
			2	950
	62 m/s	2.31 KPa	1.5	1300
			2	1100
	58 m/s	2.02 KPa	1.5	1500
			2	1250
	54 m/s	1.75 KPa	1.5	1700
			2	1450
	50 m/s	1.50 KPa	1.5	2000
			2	1700

FIXING REQUIREMENTS

Fixing	No. of Fixing	Wall Framing Member
12-14 Tek Screw	5	≥0.75mm Steel
14-10 Tek Screw	5	≥1.5mm Steel
14-10 x 50 Type 17 Screw	5	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



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 Corrugate Wall Cladding

Product Description

Corrugate Screw Fixed Wall Cladding

Manufacturer's Name

GENERAL ROOFING PRODUCTS PTY LTD

24 Pruen Road, Berrimah, NT, 0828

DESIGN CRITERIA

- Site Wind Speed 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/259

Test Report -

The above specification is based on LHL testing Report No.s C081001-6, C081001-7 & C081001-9 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:

**Certifying Engineers Certification

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

**registered as a structural engineer in Northern Territory

Chairman's Signature:

Chairman's Name:

Peter Russell

Date of Approval: 23/10/14

Expiry Date: 23/10/19