

STEELINE STEEL CLAD WALL CLADDING

MATERIAL SPECIFICATION			
METAL TYPE	THICKNESS	GRADE	FINISH
STEEL ASTM A653 OR EQUIVALENT	0.42BMT	550 MPa	ZINCALUME
	0.48BMT	550 MPa	RE-PAINTED COATED
	0.60BMT	550 MPa	

FIXING RECOMMENDATIONS

Fixing	No. of Fixing	Wall Girt
15-15 Tek Screw	4	Steel ≥ 0.75 mm
14-10 Tek Screw	4	Steel ≥ 1.5 mm
14-10 x 50 Type 17 Screw	4	70mm x 45mm Timber

Timber - Structural grade MGP12 or stronger

Steel Thickness - Steel shall mean a minimum thickness of 0.75mm G550 or 1.0mm at G500 and G450 for thicker steel.

MAX. ALLOWABLE CLADDING SPANS

Max Allowable Wall Cladding Spans for Steeline Steel Clad

Region	Terrain Category	Site Wind Speed "V _{sft,β} "	qu.	Local Factor K _L	Allowable Span
C	2 No Shielding	67m/s	2.67 KPa	1.25	1300
				2	1000
	3 No Shielding	57m/s	1.94 KPa	1.25	1850
				2	1400
	3 Partial Shielding	50m/s	1.50 KPa	1.25	2350
				2	1800

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 Steel Clad Wall Cladding Cyclone Testing Results August 2009

ISSUE	DATE	INITIALS
C3	04.11.2009	KRB
C2	06.10.2009	KRB
C1	15.09.2009	KRB

**Design Engineers Certification

Name: Phil Low
RPEQ No: 6307
Date: 04 NOVEMBER 2009
Signature: *[Signature]*

**registered as a structural engineer in Queensland

**Certifying Engineers Certification

Name: John L Towler
NT Rego Number: 24842ES
Date: 04 NOVEMBER 2009
Signature: *[Signature]*

**registered as a structural engineer in Northern Territory

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

- Wind speeds, pressures etc, have been determined in accordance with AS/NZ1170.2-2002, SAA Loading Code, Part 2: Wind Loads.
- Shielding - Refer AS/NZ1170.2-2002
- Topography - Flat
- Importance level - 2 Annual probability of exceedance 1:500
- Basic Regional Wind Velocity V_R = 69m/sec
- 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.
- Maximum wall height not to be more than 8.5m for results shown on this page.

Accepted for Inclusion

DTCM ref: M/235/01

Chairman's Signature: *[Signature]*

Chairman's Name: STEVEN ENRLICH

Date of Approval: 11/2/10 Expiry Date: 10/2/13

New Expiry: 28/2/14
Signature: *[Signature]*

New Expiry Date: 28/2/14
Signature: *[Signature]*