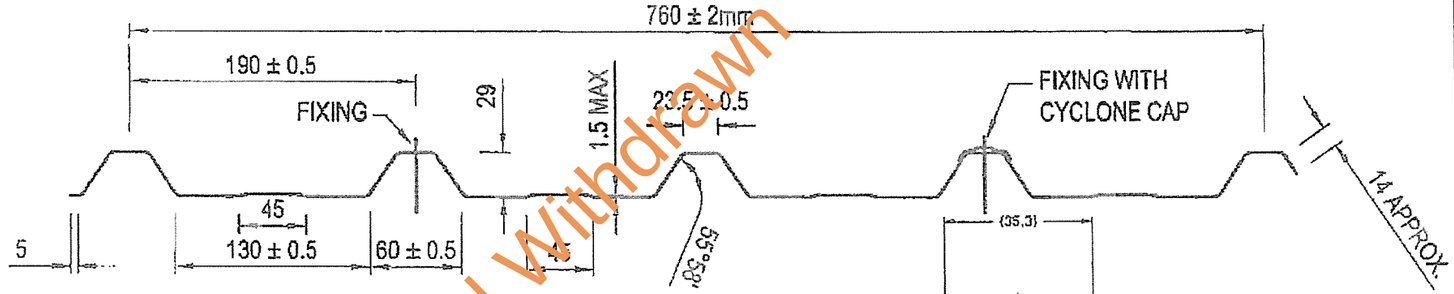

STEELINE STEELCLAD SHEETING

SQUARELOK WASHER

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

FIXING RECOMMENDATIONS

Fixing	No. of Fixing	Cyclone Cap	Batten
Roof Zips M6x50	4	Nil	Steel
14-10 x 50 Tek	4	Nil	Steel
14-10 Type 17	4	Nil	Timber
14-10 x 50 Tek	4	SquareLok	Steel
Timber shall be Structural grade MGP12 or stronger			
Steel shall mean a minimum thickness of 0.75mm G550 or 1.0mm at G500 and G450 for thicker steel.			
Insulation - When fixing over insulation to battens add 10mm to screw length.			

Max Allowable Roof Sheeting Spans for Steeline Steelclad 0.42

Region	Terrain Category	Site Wind Speed "Vsit,β"	Pu	Local Factor K_L	Fixing	Allowable Span	Maximum Overhang
C	2 No Shielding	67m/s	2.67 KPa	1	No Cyc Caps	900	100
					With Cyc Caps	900	100
				1.5	No Cyc Caps	750	100
					With Cyc Caps	900	100
				2	No Cyc Caps	600	100
					With Cyc Caps	900	100
	3 No Shielding	57m/s	1.94 KPa	1	No Cyc Caps	900	100
					With Cyc Caps	900	100
				1.5	No Cyc Caps	900	100
					With Cyc Caps	900	100
				2	No Cyc Caps	750	100
					With Cyc Caps	900	100
	3 Partial Shielding	50m/s	1.50 KPa	1	No Cyc Caps	900	100
					With Cyc Caps	900	100
				1.5	No Cyc Caps	900	100
					With Cyc Caps	900	100
				2	No Cyc Caps	900	100
					With Cyc Caps	900	100

Product Name
Steeline Steelclad 762

Product Description
Steelclad Sheeting

Manufacturer's Name
GRP GENERAL ROOFING PRODUCTS PTY LTD

DESIGN CRITERIA
- Wind speeds, pressures etc, have been determined in accordance with AS1170.2-2002, SAA Loading Code, Part 2:Wind Loads, Wind Loads for housing.
- Shielding - Refer Tables
- 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 0.9 for span to height ratios ≤ 0.5
- Maximum roof height not to be more than 8.5m for results shown on this page.
- Minimum Roof Pitch - 2° Roof Length <15m
  3° Roof Length >15m
  5° Lapped Roof
- Maximum Roof Pitch - 35°
- Batten support to be certified separately to this data sheet.

Insert—Notes covering basis of DTC (Relevant test reports etc)

Test Report - The above specification is based on LHL testing Report No

C081001-10, C081001-11, C081001-12, C081001-13 by the University of Adelaide.

ISSUE	DATE	INITIALS
B	12/06/2009	KRB
A	22/04/2009	KRB

**Design Engineers Certification
Name: Phil Low
RPEQ No 6307
Date: 12 JUNE 2009
Signature:
*registered as a structural engineer in Queensland

**Certifying Engineers Certification
Name: John L Towler
NT Rego Number 246425
Date 12 JUNE 2009
Signature:
**registered as a structural engineer in Northern Territory

Accepted for Inclusion

DTCM ref: M/144/01

Chairman's Signature: P Russell

Chairman's Name: PETER RUSSELL

Date of Approval: 9/7/09 Expiry Date: 9/7/12

30/7/13

New Expiry Date 30/7/14
Signature