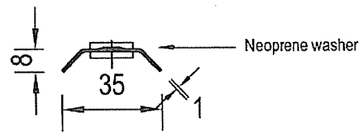
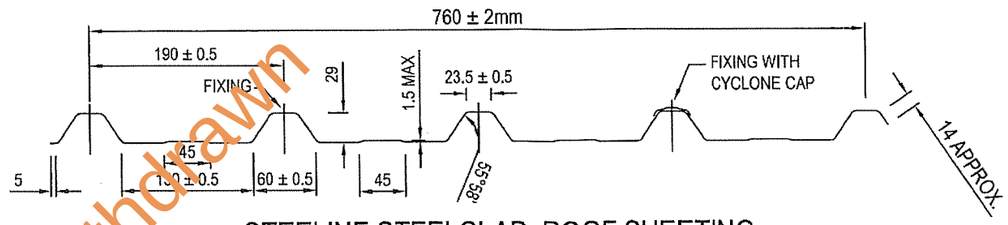
IN ACCORDANCE WITH NCC VOLUME 2 (SECTION P3.10.1). THIS PRODUCT SATISFIES PERFORMANCE REQUIREMENT P2.1.1 FOR CONSTRUCTION IN A HIGH WIND AREA



SQUARELOK
Cyclone Cap
1mm Thick Zincalume G300



STEELINE STEELCLAD ROOF SHEETING

Allowable Spans for 0.42 & 0.48mm Sheeting

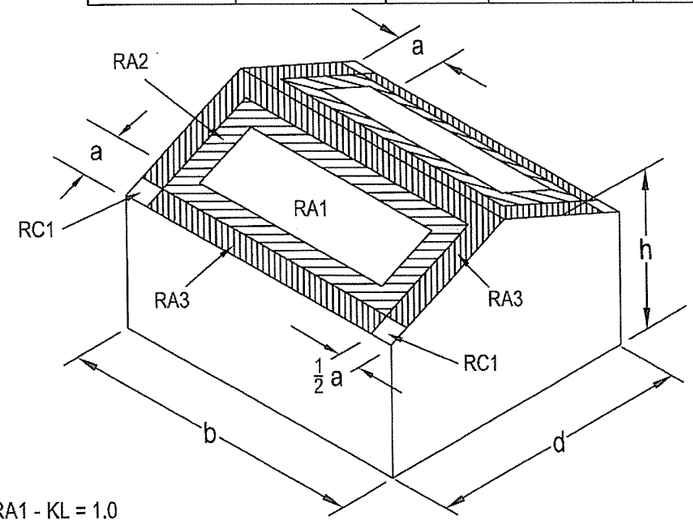
Vsit,β (m/s)	qu (KPa)	KL Local Factor	Pe (KPa)	Cyclone Caps fixed to 1.5mm Steel	No Cyclone Caps fixed to 0.75mm Steel	Cyclone Caps fixed to 0.75mm Steel
				Minimum 2 Span installation		
76	3.47	1.0	5.54	1030	630	720
		1.5	7.10	800	490	560
		2.0	8.66	660	400	460
		3.0	11.73	480	290	340
70	2.94	1.0	4.70	1220	740	850
		1.5	6.03	950	580	670
		2.0	7.35	760	470	540
		3.0	10.00	570	350	400
66	2.61	1.0	4.18	1290	840	960
		1.5	5.36	1070	650	750
		2.0	6.53	880	530	610
		3.0	8.89	640	390	450
61	2.23	1.0	3.57	1400	980	1130
		1.5	4.58	1240	760	880
		2.0	5.58	1030	630	720
		3.0	7.59	750	460	530
56	1.88	1.0	3.01	1520	1160	1340
		1.5	3.86	1350	910	1040
		2.0	4.70	1220	740	850
		3.0	6.40	890	550	630
50	1.50	1.0	2.40	1710	1460	1680
		1.5	3.08	1510	1140	1310
		2.0	3.75	1370	930	1070
		3.0	5.10	1120	690	790

MINIMUM FIXING REQUIREMENTS

Fixing	No of Fixing	Cyclone Cap	Purlin Type
Roof Zips M6x50	4	SquareLok	0.75mm G550 Steel
14-10 x 50 Hex Head	4	SquareLok	1.55mm G450 Steel
14-10 Type 17 x 65	4	SquareLok	Timber
Cyclone cap shall be used where applicable in the tables.			
Timber shall be Structural grade MGP12 or stronger			
All screws shall be class 4 finish			

MATERIAL SPECIFICATION

METAL TYPE	THICKNESS	GRADE	FINISH	COVER
AS1397-1984 G550 / AZ150	0.42mm BMT 0.48mm BMT	550 MPa 550 MPa	ZINCALUME, COLORBOND	762mm + - 4



RA1 - KL = 1.0
RA2 - KL = 1.5
RA3 - KL = 2.0
RC1 - KL = 3.0 for Roof pitch < 10°
RC1 - KL = 2.0 for 10° and greater

ROOF - LOCAL PRESSURE ZONES
NOTE - "a" = THE LESSOR OF 0.2b, 0.2d & h

Product Name

Steeline Steelclad Sheeting for Roofs

Product Description

Steelclad Screw Fixed Roof Sheeting

Manufacturer's Name
GENERAL ROOFING PRODUCTS PTY LTD
24 Pruen Road, Berrimah, NT, 0828

DESIGN CRITERIA

- Wind speeds, pressures shall be determined in accordance with AS/NZ1170.2-2011, SAA Loading Code, Part 2:Wind Loads,
- Internal Pressure Coefficient Cpi = +0.7 and -0.65
- Cpe = 0.9 for h/d ratios <= 0.5
- Pe = qu x (Cpe x KL + Cpi)
- "a" = Minimum of 0.2*d or 0.2*b or h
- Tabled span limits are provided for fixing to 1.5mm purlins and 0.75mm tophat battens
- Drainage requirements shall be checked separately
- Tables give sheeting span limits only. Designers shall also check the allowable spacing of the purlin/batten.
- Installation requires that conventional edge flashing be installed over edge sheets

Limitations

- Limited to h/d not greater than 0.5 in tabled spacings.
- Mt = Md = 1.0
- Maximum unsupported overhang - 150mm
- For roof pitch < 10° note RC1 zone local factor in roof corners
- For h/d>0.5 where Cpe > 0.9, refer to site specific engineer certification with adjusted Pe calculation.
- Timber purlins shall be a minimum grade of MGP12

Accepted for Inclusion

DTCM ref: m/197

Chairman's Signature:

Chairman's Name: STEVEN J EHRLICH

Date of Approval: 4-9-14 Expiry Date: 4-9-19

Notes covering basis of DTC (relevant test reports etc)

Test Report - The above specification is based on testing Report by ENGTEST The University of Adelaide Australia. Report Nos C1081001-10, C1081001-11, C1081001-12, C1081001-13, C1081001-19
AND
Blanmore Test Report No 107, 131 and 132

Checking Engineers Certification
Name: Phil Low
RPEQ No 6307
Date: 24.Sept 2013
Signature:

**Certifying Engineers Certification
Name: John L Towler
NT Rego Number: 24642ES
Date: 24.Sept 2013
Signature:
**registered as a structural engineer in Northern Territory