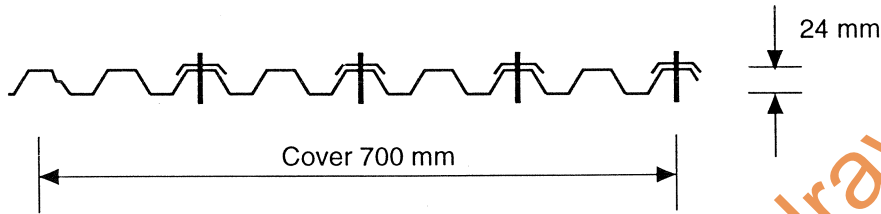


General Roofing Products Pty Ltd INTERSPAN Roof and Wall Cladding



MATERIAL SPECIFICATION	
Aust. Standards:	AS 1397 - 1984 G550/AZ150
Thickness:	
BMT	0.42, 0.48, 0.60 (mm)
TCT	0.47, 0.53, 0.55 (mm)
Roof Pitch:	
Roof length < 15 m	2° (1 in 30) min.
Roof length > 15 m	3° (1 in 30) min.
Lapped roof	5° (1 in 12) min.
Cover:	700 mm ± 4
Finish:	Zincalume, Colorbond

FASTENER DETAILS		
Material		Screws
Fixing to Steel	Up to 1.0 mm	No. 14-10 x 50 Type 17 Screw with 1.0 BMT G300 Cyclone Washer
	1.0 to 2.5 mm	No. 14-10 x 50 Hex. Head Tek with 1.0 BMT G300 Cyclone Washer
	2.5 to 5.0 mm	No. 14-20 x 50 Hex. Head Tek with 1.0 BMT G300 Cyclone Washer
Fixing to Timber	Hardwood J1 - J3	No. 14-10 x65 Type 17 Screw with 1.0 BMT G300 Cyclone Washer
	Softwood J4	No. 14-10 x 75 Type 17 Screw with 1.0 BMT G300 Cyclone Washer

ALLOWABLE WIND PRESSURE (kPa)		
Span (mm)	Type of Span	
	End (kPa)	Internal (kPa)
600	8.00	10.75
900	5.75	7.17
1200	2.85	5.37
1500	2.32	3.54
1800	1.34	2.46
2100	0.84	1.30
2400	0.57	1.23

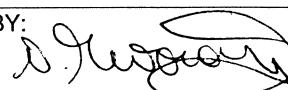
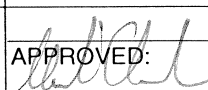
Notes:

- 1) Tables are based on cyclic testing carried out in accordance with NT Specification B1.2.
- 2) Values have been determined by linear interpolation of test results based on fastener load and moment buckling strength.
- 3) Tables include for concentrated loads and maximum allowable deflections as defined in AS4040.1&2:1992.
- 4) Refer to diagram 1 and 2 for location of local pressure areas.
- 5) Numbers shown in bold are for walls only.
- 6) Allowable overhang - roof 200 mm / wall 300 mm.
- 7) Fasteners to comply with As 3566 - Class 3.
- 8) When fixing over insulation to timber battens add 10 mm to screw length.
- 9) Information provided in tables applies to 0.42, 0.48 & 0.60 BMT cladding.

ROOF CLADDING - ALLOWABLE SPANS				
Terrain Category	Local Pressure		Type of Span	
	K1	Pz	End	Internal
Multiplier		(kPa)	(mm)	(mm)
Category 1 1.03	1.0	4.33	1040	1370
	1.5	5.48	920	1180
	2.0	6.62	800	990
Category 2 0.94	1.0	3.61	1110	1480
	1.5	4.56	1010	1330
	2.0	5.51	920	1180
Category 2.5 0.80	1.0	2.61	1310	1760
	1.5	3.30	1140	1560
	2.0	3.99	1070	1420
Category 3 0.66	1.0	1.78	1500	2100
	1.5	2.25	1500	1900
	2.0	2.72	1250	1730

WALL CLADDING - ALLOWABLE SPANS				
Terrain Category	Local Pressure		Type of Span	
	K1	Pz	End	Internal
Multiplier		(kPa)	(mm)	(mm)
Category 1 1.03	1.0	3.57	1120	1490
	1.5	4.33	1040	1370
	2.0	5.09	960	1250
Category 2 0.94	1.0	2.97	1180	1660
	1.5	3.61	1110	1480
	2.0	4.24	1050	1380
Category 2.5 0.80	1.0	2.15	1540	1950
	1.5	2.61	1310	1760
	2.0	3.07	1170	1630
Category 3 0.66	1.0	1.46	1750	2270
	1.5	1.78	1650	2110
	2.0	2.09	1560	1970

APPROVED FOR INCLUSION IN THE NT DEEMED TO COMPLY BY BAC  DATE 20/3/2001

Manufacturer's Name: General Roofing Products Pty Ltd Address: 1880 Pruen Road, Berrimah, NT 0828 Phone: 08 89471550 Fax: 08 89470418		Fixing of 0.42, 0.48 & 0.60 BMT Interspan Cladding in the Darwin Area	
CERTIFIED BY: ENGINEER: 		DESIGN DATA SHEET	
M.I.E. Aust 18/4/2000		APPROVED:  17/4/01 DRAWING NO: M/126/1	