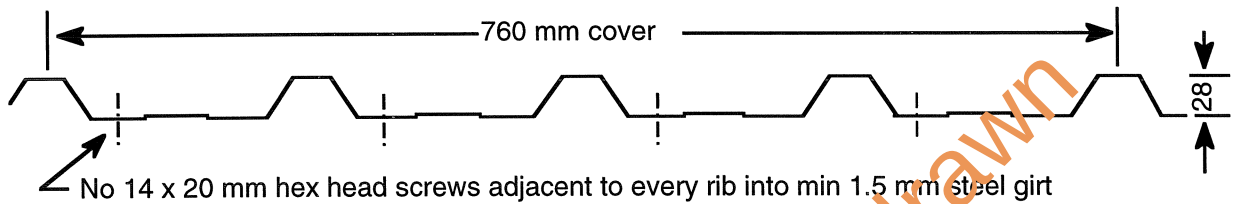
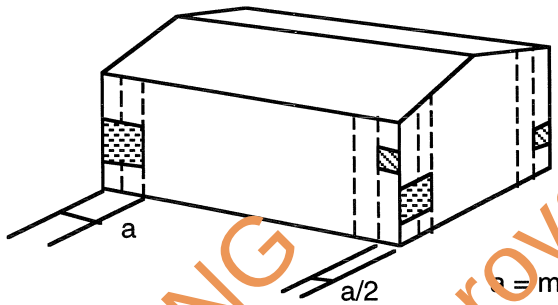
APPROVED BY THE BAC 22/12/98

ALLOWABLE SPANS FOR 0.42 mm BMT MONOCLAD WALL CLADDING





LPF=2.0

LPF=1.5

a = min of 0.2 x length or 0.2 x width.

Table 1 Maximum Allowable Spans (mm)

Terrain Category	Int. Pressure Coeff.	Local Pressure Factor	Design Pressure (kPa)	Maximum Spans (mm) end	Maximum Spans (mm) internal
2.5	0.0	1.0	1.0	1800	2200
		1.5	1.5	1730	2110
		2.0	1.9	1440	1760
2.5	+0.7	1.0	2.0	1370	1670
		1.5	2.5	900	1100
		2.0	3.0	700	850
1 & 2	0.0	1.0	1.1	1800	2200
		1.5	1.7	1600	1950
		2.0	2.3	1100	1340
1 & 2	+0.7	1.0	2.4	1000	1220
		1.5	2.9	730	890
		2.0	3.5	640	780

Notes:
1 For 0.42 mm base metal thickness, G 550 wall cladding fixed adjacent to every rib.
2 Design parameters: For walls up to 5m high. Vp = 57m/s, Terrain category 2.5, Mz,cat = 0.88, Terrain Category 2, Mz,cat = 0.95, Cpe = -0.65, Cpi = 0.0 or +0.7.
3 For intermediate values of span, linear interpolation between like parameters is permitted.
4 Designers must not use this cladding to provide bracing.

Table 2 Design Wind Pressure* (kPa)

End Spans (mm)				Internal Spans (mm)				
600	900	1200	1800	750	900	1200	1800	2200
4.4	**2.5**	**2.2**	**1.4**	**4.1**	**2.8**	**2.4**	**1.9**	**1.4**

* Design wind pressures are based on end span cyclic load tests conducted in accordance with the requirements of EBS Technical Record 440.

Stramit Industries 55 Albatross St Winnellie NT Phone (08) 8947 0780	0.42 mm BMT Monoclad Wall Cladding for walls up to 5m high **DESIGN DATA SHEET**	
Cyclone Structural Testing Station School of Engineering, James Cook University, Townsville Qld 4811 Certified ..... MIE Aust. CP Eng. Date: 27-11-98	N T Dept of Lands Planning & Environment Building Advisory Serv Branch Approved: ..... Date: 14-12-98	Dwg No. M/22413