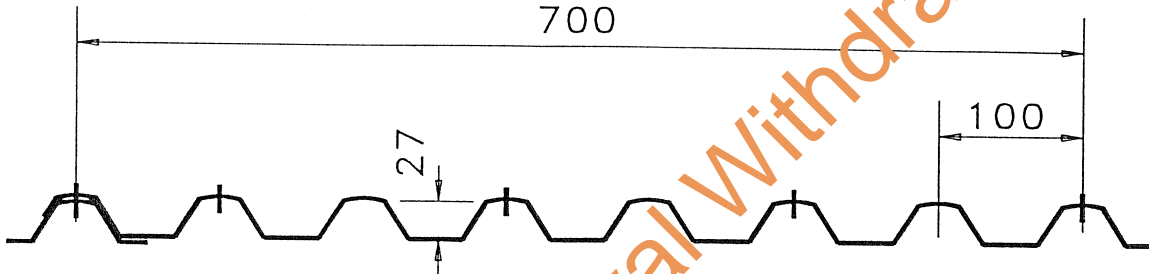


LONGSPAN

Longspan is a cold roll formed roof and wall cladding manufactured from G550 (550 MPa minimum yield stress) steel with a Zinalume coating, in accordance with AS1397.



PERFORMANCE

PERMISSIBLE CYCLONIC WIND PRESSURE (kPa)												
LONGSPAN with Cyclonic Caps		INTERNAL SPAN (END SPAN) COMBINATION (mm)#										
Thickness		Span Type	(300)	(500)	(750)	(1000)	(1200)	(1400)	(1700)	(1900)	(2200)	(2400)
BMT (mm)	TCT (mm)		400	600	900	1200	1500	1800	2100	2400	2700	3000
0.42	0.47	Internal (end)	2.20	9.17	6.11	4.30	2.88	2.00	1.47	1.13*	0.89	0.72
		Equal	10.72	8.04	5.30	3.50	2.38	1.78*	1.30	0.94	0.75	0.53
		Double	9.78	7.33	4.89	3.00	2.13	1.67*	1.22	0.84	0.60	0.44

For optimum spanning capacity, end spans are shorter than internal spans in a fixed ratio. The Internal/End Span combinations shown must only be used in these specific combinations.

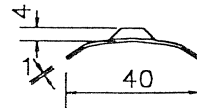
* Maximum spans to comply with foot traffic requirements of AS1562.

This table has been produced after an extensive analysis and test program to ensure that "Longspan" meets the requirements of the BCA-NT B.1.2. Section 3.1 for a 1.8 proof load applied statically on conclusion of a fatigue test of 10,000 cycles of loading from zero to full working load, and AS1562 "Design and installation of metal roofing".

LONGSPAN - RECOMMENDED FASTENINGS (CYCLONIC FIXING)

STEEL	No. 14 x 50mm Hex Head Tek screw + Neoprene Washer & Caps
HARDWOOD	No. 14 x 65mm Hex Head Type 17 screw + Neoprene Washer & Caps
SOFTWOOD	No. 14 x 75mm Hex Head Type 17 screw + Neoprene Washer & Caps
SIDE LAPS	No. 8 x 12mm Hex Head, S Point Tek Screw + Neoprene Washer

CAPS-Steel Caps (Cyclonic Washers) with Neoprene Washer approved by Stramit Industries for use with Longspan



MANUFACTURER:
STRAMIT INDUSTRIES
 74 McMinn Street
 Darwin, NT 0800
 Phone: (089) 81 2219

FIXING OF
LONGSPAN 0.47 mm
 IN THE DARWIN AREA

DESIGN DATA SHEET

CERTIFIED: *[Signature]*
 MIE Aust.
DATE: 29-2-94

NORTHERN TERRITORY
 DEPARTMENT OF LANDS AND HOUSING
APPROVED: *[Signature]*
DATE: 8-3-94

DRAWING NO.
 M/109/11