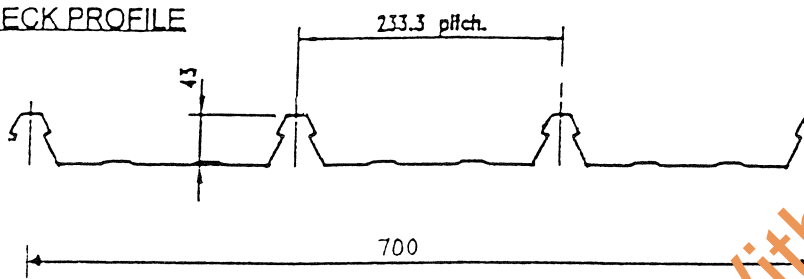


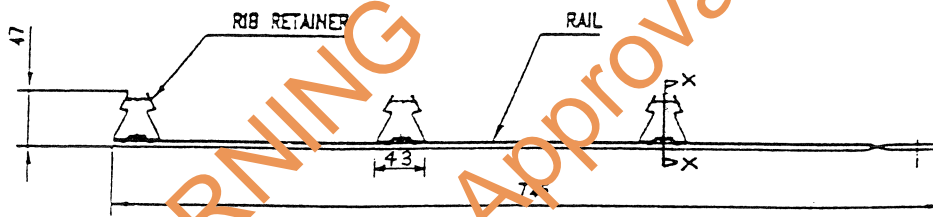
Speed Deck Ultra is a cold roll formed concealed fixed roof decking manufactured from G550 (550MPa minimum yield stress) steel with a Zinalume or Colorbond coating, in accordance with AS1397.

### DECK PROFILE



Design Registration No. 123185

### CLIP PROFILE



38 Base metal thickness 1.15mm  
Section X-X

All dimensions in millimetres.

Design Registration No. 120066

### PERFORMANCE

Thickness		Span Type	PERMISSIBLE CYCLONIC WIND PRESSURE (kPa)				
BMT (mm)	TCT (mm)		INTERNAL SPAN (END SPAN) COMBINATION (mm) #				
0.42	0.47	Internal (End)	(750)	(1000)	(1250)	(1500)	(1750)
			900	1200	1500	1800	2100
		Equal (Min. 3 spans)	5.79	4.46	3.64	3.07	2.63
			5.39	4.04	3.23	2.69	
Double	4.91	3.69	2.95	2.46			

# 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. The equal and double span pressures relate to the span values not enclosed in brackets.

This table has been produced after an analysis of test results obtained from cyclic testing of the cladding to meet the requirements of the BCA-NT.B.1.2 Section 3.1 and AS1562.1 "Design and installation of sheet roof and wall cladding" Part 1: Metal. The cladding was subjected to fatigue tests of 10,000 cycles of loading from zero to full design pressure concluding with a static application of a proof load of 1.8 times the design pressure. Testing was carried out at James Cook Cyclone Structural Testing Station.

Racking capacity of the decking has not been tested and should not be considered in design.

SPEED DECK ULTRA - RECOMMENDED FASTENINGS	
3 SCREWS PER CLIP	
STEEL* (MIN. THICKNESS 1.5mm)	No. 12 x 30mm Hex Head Tek screws
HARDWOOD	No. 14 x 50mm Hex Head Type 17 Screw
SOFTWOOD	No. 14 x 50mm Hex Head Type 17 Screw

\* All fasteners for steel should be fully threaded or have a maximum gap of 8mm between the thread and the underside of the fastener head. Neoprene washers are not required.

APPROVED FOR INCLUSION IN THE NT DEEMED TO COMPLY BY BAC ..... DATE 17/5/96

<b>STRAMIT INDUSTRIES</b> .55 Albatross Street, WINNELLIE NT. 0820 Ph. (089) 47 0780	FIXING OF <b>SPEED DECK ULTRA ROOFING</b> IN NT CYCLONIC AREAS	
	DESIGN DATA SHEET NT CYCLONIC AREAS	
COLLESS & O'NEILL PTY LTD CONSULTING CIVIL & STRUCTURAL ENGINEERS 84 Woods Street, Darwin, N.T. 0800 Ph. (089) 81 9644 ACN 009 622 968	APPD 	DATE 3-5-96
	DRG No. <b>M/125/1</b>	
CERTIFIED ..... DATE 1-5-96		