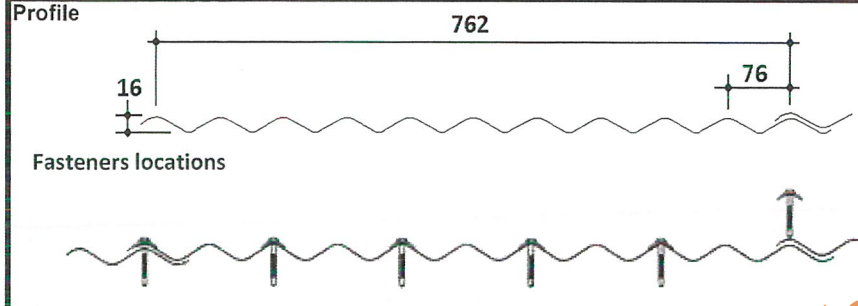
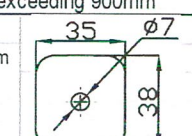
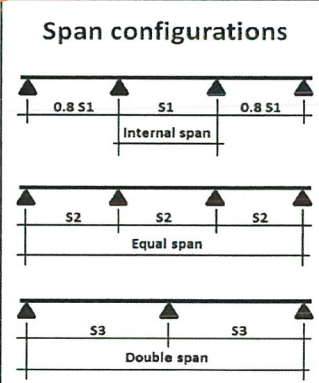
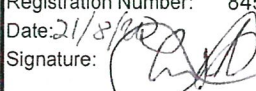
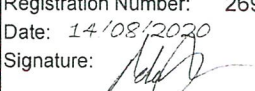


IN ACCORDANCE WITH NCC VOLUME 2 (SECTION P3.10.1), THIS PRODUCT SATISFIES PERFORMANCE REQUIREMENT P2.1.1 FOR CONSTRUCTION IN A HIGH WIND AREA.

Profile		STRAMIT® CORRUGATED RECOMMENDED FASTENINGS (CYCLONIC FIXING)										Product name STRAMIT® CORRUGATED ROOFING					
		STEEL 0.75mm thick		No 14 - 10 x 40mm Hex Head Type 17 screw + sealing washer + caps										Product Description Stramit® Corrugated cladding is manufactured from G550 (for 0.42 & 0.48mm BMT product) and G300 (for 0.6mm BMT product) colour coated steel or zinc/aluminium or aluminium/zinc/magnesium alloy coated steel. In some locations galvanised (Z450) steel may also be available.			
		STEEL ≥ 1.5mm thick		No 14 - 10 x 40mm Hex Head Self-drilling and tapping screw + sealing washer + caps													
		HARDWOOD (F11/J2/JD2 or stronger)		No 14 - 10 x 50mm Hex Head Type 17 screw + sealing washer + caps													
		SOFTWOOD (F7/F8/J4/JD4 or stronger)		No 14 - 10 x 65mm Hex Head Type 17 screw + sealing washer + caps													
		Side Laps		No 8 - 15 x 15mm Hex Head screw + sealing washer for spans exceeding 900mm													
Fasteners locations		All fastening screws should conform to AS3566 Class 4.															
		Caps: Steel Caps (Cyclonic washers) assembly, complete with sealing washer. Use steel caps, minimum 38mm long, 35mm wide (across rib) and 1mm thick, G300 material. Data below not valid for caps which do not restrain the sides of the profile.															
Pressures		STRAMIT® CORRUGATED CLADDING MAXIMUM SPAN CHART (mm) C_{p,e} = -0.9 (h/d ≤ 0.5)															
Timber Batten/Steel ≥ 1.5mm		STRENGTH LIMIT STATE CAPACITY (CYCLONIC) pressure (kPa) at the spans (mm) shown															
		BMT fasteners (mm) per sheet		span-type		Roof Sheeting (Crest fixed)						0.75mm Cyclonic Steel Battens					
						450	600	900	1200	1500	1800	0.42mm thick (bmt)	0.48mm thick (bmt)	0.6mm thick (bmt)	0.42mm thick (bmt)	0.48mm thick (bmt)	0.6mm thick (bmt)
0.42	5 with	cyclone	internal	10.55	9.64	6.63	4.82										
			equal	9.59	8.76	6.03	4.38										
	caps	double	internal	8.44	7.71	5.31	3.85										
			equal	8.44	7.71	5.31	3.85										
0.48	5 with	cyclone	internal	10.55	10.45	8.30	6.37	4.78	3.18								
			equal	9.59	9.50	7.55	5.79	4.25	2.89								
	caps	double	internal	8.44	8.36	6.64	5.16	3.74	2.54								
			equal	8.44	8.36	6.64	5.16	3.74	2.54								
0.60	5 with	cyclone	internal	10.55	9.64	6.59	4.80										
			equal	9.59	8.76	5.93	4.36										
	caps	double	internal	8.44	7.71	5.27	3.84										
			equal	8.44	7.71	5.27	3.84										
Span configurations		STRAMIT® CORRUGATED CLADDING MAXIMUM SPAN CHART (mm) C_{p,e} = -1.3 (h/d ≥ 1.0)															
		STRENGTH LIMIT STATE CAPACITY (CYCLONIC) pressure (kPa) at the spans (mm) shown															
		BMT fasteners (mm) per sheet		span-type		Roof Sheeting (Crest fixed)						0.75mm Cyclonic Steel Battens					
						450	600	900	1200	1500	1800	0.42mm thick (bmt)	0.48mm thick (bmt)	0.6mm thick (bmt)	0.42mm thick (bmt)	0.48mm thick (bmt)	0.6mm thick (bmt)
0.42	5 with	cyclone	internal	10.55	9.64	6.63	4.82										
			equal	9.59	8.76	6.03	4.38										
	caps	double	internal	8.44	7.71	5.31	3.85										
			equal	8.44	7.71	5.31	3.85										
0.48	5 with	cyclone	internal	10.55	10.45	8.30	6.37	4.78	3.18								
			equal	9.59	9.50	7.55	5.79	4.25	2.89								
	caps	double	internal	8.44	8.36	6.64	5.16	3.74	2.54								
			equal	8.44	8.36	6.64	5.16	3.74	2.54								
0.60	5 with	cyclone	internal	10.55	9.64	6.59	4.80										
			equal	9.59	8.76	5.93	4.36										
	caps	double	internal	8.44	7.71	5.27	3.84										
			equal	8.44	7.71	5.27	3.84										
Notes covering basis of DTC (Relevant test reports etc)		Design Engineer's Certification														**Certifying Engineer's Certification	
- Tables are based on an extensive LHL test program (Test Report No.s TS661, TS687, TS700, TS711 & TS724) carried out by James Cook University Cyclone Testing Station between June 2007 and March 2009 in accordance with the BCA of the time (equivalent to L-H-L within NCC 2019) - For information on durability, slope and other details and limitations please refer to the Stramit® Corrugated Product Technical Manual and the Stramit® Roof Slope Guide. - Tabulated values may be interpolated but not extrapolated. - For other values of 'h', spans can be determined using the limit state capacity tables on the left.		Name : Yuri Arguedas Registration Number: 845724 Date: 21/8/2020 Signature: 														Name : Adam James Registration Number: 26968ES Date: 14/08/2020 Signature: 	
		*registered as a structural engineer in Australia														**registered as a structural engineer in Northern Territory	
		Limitations: - INTERNAL SPANS SHALL HAVE BOTH END SPANS 20% SHORTER THAN THE VALUES IN THE SPAN CONFIGURATION TABLES. - This DTC sheet is for roof applications only. - Foot traffic limitations as indicated. - The maximum roof pitch is: 25° - Cladding spans are based on the use of screws tested and specified on this data sheet for each support type and thickness. - The maximum permissible overhangs from screwline are 100mm for free edge, and 200mm for a stiffened edge. - When using cyclonic steel battens, the maximum batten spacing may be critical and limit the span of the cladding. It is essential that this sheet is read in conjunction with the relevant deemed to comply information for the batten product adopted.														Accepted for Inclusion DTCM ref: M/713 Chairman's Signature:  Chairman's Name: Paul Nowland Date of Approval: 18/09/2020 Expiry Date: 18/09/2025	