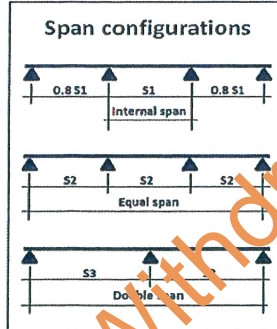
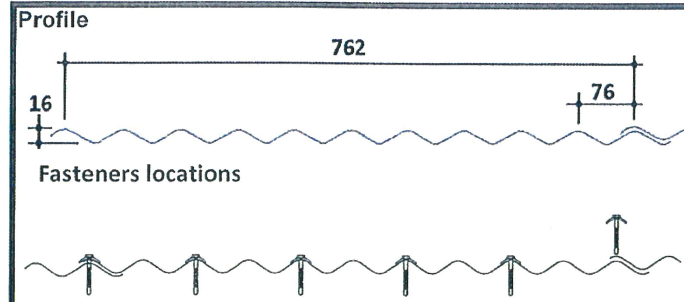


IN ACCORDANCE WITH NCC VOLUME 2 (SECTION P3.10.1), THIS PRODUCT SATISFIES PERFORMANCE REQUIREMENT P2.1.1 FOR CONSTRUCTION IN A HIGH WIND AREA.



STRAMIT® CORRUGATED RECOMMENDED FASTENINGS (CYCLONIC FIXING)	
STEEL 0.75mm thick	No 14 - 10 x 40mm Hex Head Type 17 screw + sealing washer + caps
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

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.

Product name
STRAMIT® CORRUGATED ROOFING

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/zinc-aluminium-magnesium alloy coated steel. In some locations galvanised (Z450) steel may also be available.

Manufacturer's Name
Stramit Building Products
55 Albatros Street, Winnelie, NT 0820

Design Criteria
Spans are based on the combinations of the following factors, for Region C, in accordance with AS/NZS 1170.2:2011 (inc. Amendment No2)
Strength: Regional wind speed $V_{500} = 69m/s$
Serviceability: Regional wind speed $V_{25} = 47m/s$
Terrain / Height Multiplier ($M_{z,ca}$): as per table 4.1 in AS/NZS1170.2:2011

Pressures

STRAMIT® CORRUGATED CLADDING - STRENGTH LIMIT STATE CAPACITY (CYCLONIC)
pressure (kPa) at the spans (mm) shown

BMT (mm)	fasteners per sheet	span-type	Roof Sheeting (Crest fixed)					
			450	600	900	1200	1500	1800
0.42	5 with cyclone caps	internal	10.55	9.64	6.63	4.82		
		equal	9.59	8.76	6.03	4.38		
		double	8.44	7.71	5.31	3.85		
0.48	5 with cyclone caps	internal	10.55	10.45	8.30	6.77	4.67	3.18
		equal	9.59	9.50	7.55	5.79	4.25	2.89
		double	8.44	8.36	6.64	5.10	3.74	2.54
0.60	5 with cyclone caps	internal	10.55	9.64	6.59	4.80		
		equal	9.59	8.76	5.99	4.36		
		double	8.44	7.71	5.27	3.84		

STRAMIT® CORRUGATED CLADDING MAXIMUM SPAN CHART (mm)
 $C_{p,e} = -0.9$ ($h/d \leq 0.5$)

Crest fixed roof sheeting - five fasteners per sheet with cyclone caps

TC	h	local press. factor	pressure (kPa)	Timber Battens / Steel 1.5mm						0.75mm Cyclonic Steel Battens											
				0.42mm thick (bmt)		0.48mm thick (bmt)		0.6mm thick (bmt)		0.42mm thick (bmt)		0.48mm thick (bmt)		0.6mm thick (bmt)							
				internal	equal	internal	equal	internal	equal	internal	equal	internal	equal	internal	equal						
1&2	≤ 10m	1.0	5.16	1100	900	900	1400	1200	1150	1100	900	900	1100	900	900	1300	1150	1050	1100	900	900
		1.5	6.61	900	800	700	1150	1050	900	850	800	700	900	800	700	1000	900	800	850	800	700
		2.0	8.06	750	650	500	900	800	650	750	650	500	750	650	500	800	750	600	750	650	500
1&2	≤ 5m	1.0	4.54	1200	900	900	1500	1200	1200	1200	900	900	1200	900	900	1450	1200	1150	1200	900	900
		1.5	5.81	1000	900	800	1250	1150	1050	1000	900	800	1000	900	800	1150	1050	900	1000	900	800
		2.0	7.09	850	750	650	1050	950	800	850	750	650	850	750	650	950	850	750	850	750	650
2.5	≤ 10m	1.0	3.11	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		1.5	3.99	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.87	1150	900	900	1450	1200	1200	1150	900	900	1150	900	900	1350	1200	1100	1150	900	900
3&4	≤ 10m	1.0	2.83	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850	800	1000	900	800	1100	1000	850	950	850	800
		1.5	3.63	1200	900	900	1600	1200	1200	1200	900	900	1200	900	900	1600	1200	1200	1200	900	900
		2.0	4.43	1200	900	900	1550	1200	1200	1200	900	900	1200	900	900	1500	1200	1200	1200	900	900
3&4	≤ 5m	1.0	2.83	1000	900	800	1250	1150	1000	950	850										