

DeltaCorroCorro-PIR is a Factory Mutual Approved Insulated Roof Panel System, comprising of two pre-painted, roll-formed steel skins, with a polyisocyanurate core.

CodeMark Australia Certificate CM40309 certifies that DeltaCorroCorro-PIR complies with the stated BCA2019 performance requirements. Please refer to the certificate as displayed on our website for the exact details of the compliance.

Both the top and bottom profiles offer striking looks with all of the benefits of modern Insulated Panel technologies.

Recommendations

- Patios
- Pergolas
- Carports
- Portable Buildings
- Home Extensions
- Commercial Buildings
- Residential Buildings
- Wineries
- Spray Booths

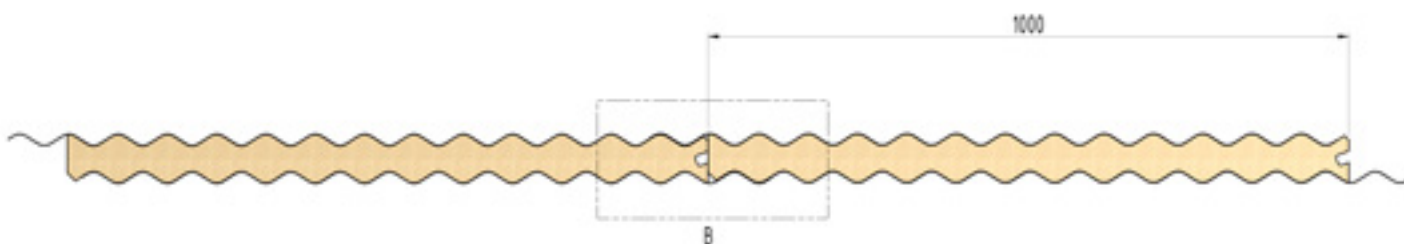
Early Fire Hazard Properties AS 1530.3:1999

AWTA Test Report 18-006077 15-11-2018

Index	Test Range	External Top Skin
Ignitability	0-20	0
Spread of Flame	0-10	0
Heat Evolved	0-10	0
Smoke Developed	0-10	3

Steel Skin Details	Top Skin	0.42mm / G550 AZ150
	Bottom Skin	0.42mm / G550 AZ150
Max. Skin Temperature	78°C Dry Heat	
Core Material Details	Polyisocyanurate	
Thermal Conductivity AS 1366.2/ASTM C 518	0.232 W/mK at 23°C	Test Report DI10856-001-01
Core Density	38-42 kg/m ³	
Weight (kg/m²)	75mm Panel	13.88
	100mm Panel	15.17
	125mm Panel	16.17
	150mm Panel	18.23
	175mm Panel	19.50
	200mm Panel	20.82
	225mm Panel	22.89
	250mm Panel	24.35
R Value @23.0°C	75mm Panel	2.59
	100mm Panel	3.66
	125mm Panel	4.96
	150mm Panel	5.82
	175mm Panel	6.90
	200mm Panel	7.97
	225mm Panel	9.27
	250mm Panel	10.13
Factory Mutual	Approved - FM 4880	
Certificate of Conformity	CodeMark Australia Certificate - CM40309	
Sheet Coverage	1000mm	
Length (mm)	Cut to Length Min of 1800mm	
Length Tolerance (mm)	5mm+/-	
Thickness (mm)	75, 100, 125, 150, 175, 200, 225, 250	
Minimum Roof Pitch	Building Classes 1-9	- 5°
	Building Class 10	- 3°

Version Date: 15.12.2020



Detail B

DeltaCorroCorro-PIR Single Span Non-Cyclonic Span Tables

Wind Category	Panel Thickness	STYLE 1 3 or more sides open	STYLE 2 2 sides open	STYLE 3 1 side open	STYLE 4 Fully enclosed	Maximum Overhang Each end
N1/N2 (W28 / W33)	75mm	6700	5700	5200	5300	900
	100mm	7400	6300	5900	6000	1000
	125mm	8000	6700	6200	6300	1200
	150mm	8500	7000	6500	6500	1200
N3 (W41)	75mm	5700	4500	4100	4200	900
	100mm	6200	4900	4500	4600	1000
	125mm	6600	5400	5000	5100	1200
	150mm	6900	5500	5100	5200	1200
N4 (W50)	75mm	4700	3700	3200	3300	600
	100mm	5100	4300	3600	3700	800
	125mm	5400	4700	4200	4300	900
	150mm	5600	4900	4300	4400	900

DeltaCorroCorro-PIR Acoustic Testing has been performed in compliance with the requirements of AS 1191-2002 "Acoustics - Method for Laboratory Measurement of Airborne Sound Insulation of Building Elements".

DeltaCorroCorro-PIR Acoustic Values

Frequency		50mm	125mm
	STC	24.00	23.00
	RW	25.00	24.00

DeltaCorroCorro-PIR Fixing Details

Crest fixing only. One fixing every second crest

Panel Thickness (mm)	Fixing into Steel	Fixing into Timber
75	Tek 14 x 125 Hex Head Screw	T17 14 x 125 Hex Head Screw
100	Tek 14 x 150 Hex Head Screw	T17 14 x 150 Hex Head Screw
125	Tek 14 x 175 Hex Head Screw	T17 14 x 175 Hex Head Screw
150	Tek 14 x 200 Hex Head Screw	T17 14 x 200 Hex Head Screw
175	Tek 14 x 230 Hex Head Screw	T17 14 x 230 Hex Head Screw
200	Tek 14 x 260 Hex Head Screw	T17 14 x 265 Hex Head Screw
225	Tek 14 x 260 Hex Head Screw	T17 14 x 265 Hex Head Screw
250	Tek 14 x 300 Hex Head Screw	T17 14 x 300 Hex Head Screw

Use Cyclone Plate and Neo Washer on each fixing.

Upon Installation the overlap needs to be stitch screwed or riveted every 300mm.

To comply with Delta Panels Factory Mutual Certification, Fixings and Installation must conform with the conditions as outlined in the Factory Mutual approval displayed on our web page.