DELTA PATIO & ROOFING RANGE

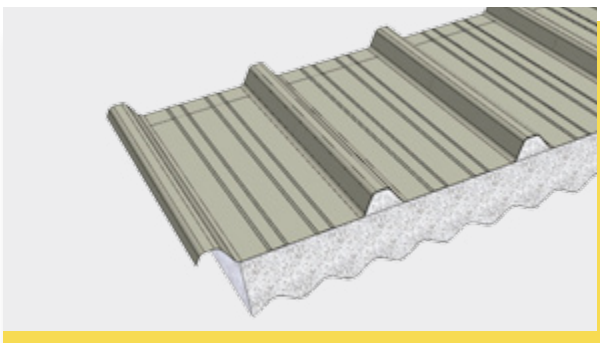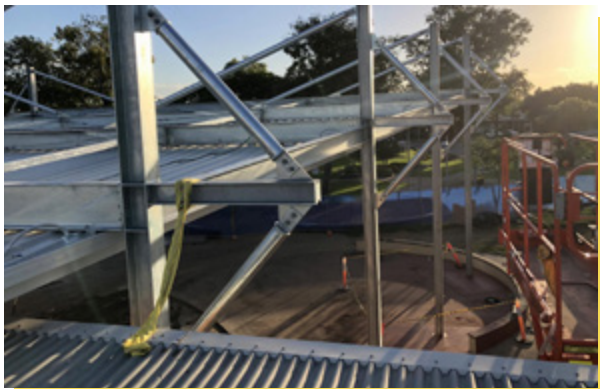## ›DeltaTrimCorro™

DeltaTrimCorro™ combines the classic roll-formed profiles of DeltaTrim™ and DeltaOrb™ into one panel, with all of the benefits of modern Insulated Panel technologies.
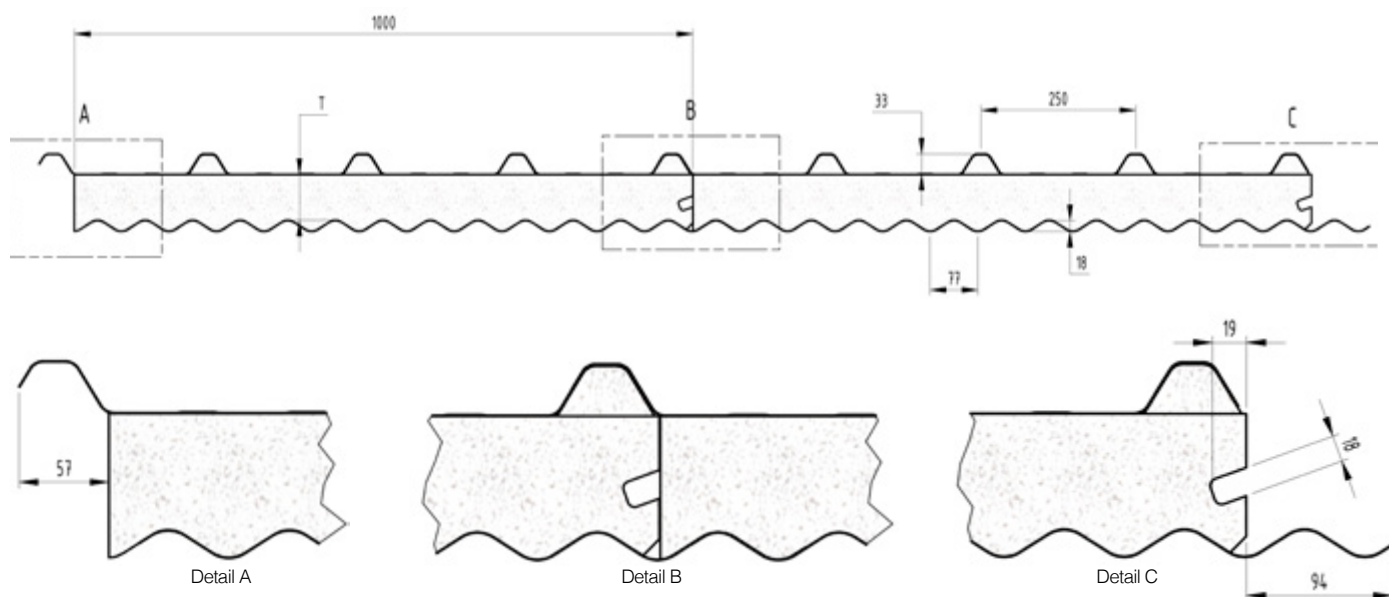
- Increased spans and strength due to a combination of the different profiles
- Available in 2 Insulated Core options, Expanded Polystyrene Fire Retardant Grade (EPS-FR), & Polyisocyanurate (PIR), to suit the specific requirements of your project
- Polyisocyanurate - PIR is Factory Mutual Approved
- Wide 1000mm panel for faster installation and less visible joins
- Classical appearance on both sides for a striking aesthetic
- Foam filled roof peaks reduce condensation and corrosion
- Angled cable duct holds electrical cables in place during installation
- Impressive insulating and sound dampening properties
- Perfect for large multi-residential or commercial applications
- Wide range of classic and contemporary colours to match any existing structure
- Written 20 Year Warranty for true peace of mind

* Download technical data information from the Delta Panels™ website

Steel Skin Details	Top Skin	0.42mm / G550 AZ150
	Bottom Skin	0.42mm / G550 AZ150

Core Material Options	- SL Grade Polystyrene - Fire Retardant Grade - Polyisocyanurate - PIR

Thermal Conductivity	- EPS-FR @ 22.5c - 0.037 W/mK - PIR @ 23.0c - 0.0232 W/mK

Adhesive	Thermosetting two-part adhesive

EPS-FR Panel Weight (kg/m²)	75mm Panel	12.86
	100mm panel	13.25
	125mm Panel	13.77
	150mm Panel	14.04
	175mm Panel	14.69
	200mm Panel	13.29

PIR Panel Weight (kg/m²)	75mm Panel	13.88
	100mm panel	15.17
	125mm Panel	16.17
	150mm Panel	16.94
	175mm Panel	18.46
	200mm Panel	21.29

EPS-FR R Value @ 22.5°C	75mm Panel	1.61
	100mm panel	2.26
	125mm Panel	2.66
	150mm Panel	3.56
	175mm Panel	4.10
	200mm Panel	5.40

PIR R Value @ 23.0°C	75mm Panel	3.23
	100mm panel	4.31
	125mm Panel	5.39
	150mm Panel	6.03
	175mm Panel	7.54
	200mm Panel	8.62

Sheet Coverage	1000mm
Length (mm)	Cut to length. Min. of 1800mm
Thickness (mm)	75, 100, 125, 150, 175, 200
Minimum Roof Pitch	3°

Detail A

Detail B

Detail C

DeltaTrimCorro™ Acoustic Values

		75mm	150mm
Frequency	100	15.41	15.00
	160	16.40	15.09
	200	18.81	17.70
	250	19.70	18.51
	315	21.39	19.40
	400	22.31	19.69
	630	23.40	19.10
	800	23.69	17.31
	1000	25.61	18.29
	1250	21.01	30.10
	1600	20.00	36.19
	2000	34.79	37.30
	2500	41.70	37.09
	3150	44.10	35.69
	5000	44.61	39.90
	STC	24.00	23.00
	RW	25.00	24.00

DeltaTrimCorro™ 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".

The procedures specified by AS 1276-1979 and AS/NZS ISO 717.1:2004 were used to calculate the Sound Transmission Class (STC) and the Weighted Sound Reduction Index (Rw) of **DeltaTrimCorro™**.

DeltaTrimCorro™ is classed as trafficable when used in a roof application.

Early Fire Hazard Properties AS 1530-1999 DeltaTrimCorro™ - EPS-FRPanel

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	2

DeltaTrimCorro™ Fixing Details
Crest fixing only. One fixing every second crest

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

* Please refer to the web page for the available colour range, paint finishes and relevant warranty conditions.

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