

DELTA PATIO & ROOFING RANGE

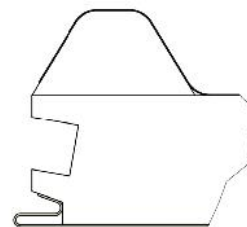
DeltaTrim™

DeltaTrim™ has been designed and engineered in Australia to offer superior performance against other Insulated Panel products.

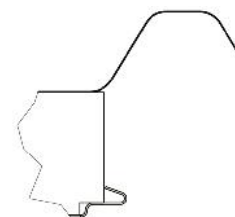
- Longer panel spans and increased strength due to a higher rib height
- Available in 2 Insulated Core options, Expanded Polystyrene Fire Retardant Grade (**EPS-FR**), & Polyisocyanurate (**PIR**), to suit the specific requirements of your project
- Wide 1000mm panel for faster installation and less visible joints
- Smooth ceiling finish extends inside living to the outside world
- Foam filled roof peaks reduce condensation and corrosion
- Angled cable duct holds electrical cables in place during installation
- Certified as BAL-40 as per AS-3959-2009, please refer to Page 38 testing for full certification details.
- Larger radius corners on ribs improve durability and reduce paint cracking
- Wide range of classic and contemporary colours to match any existing structure
- Written 15 Year Warranty for true peace of mind
- Polyisocyanurate - PIR is Factory Mutual Approved



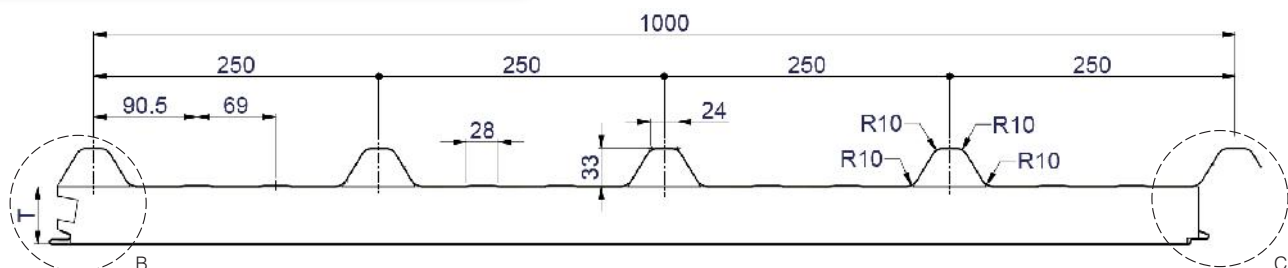
Steel Skin Details	Top Skin	0.42mm / G550 AZ150
	Bottom Skin	0.60mm / G300 Z275
Core Material Options	- SL Grade Polystyrene - Fire Retardant Grade - Polyisocyanurate - PIR	
Thermal Conductivity	- EPS-FR @ 22.5c - 0.037 W/mK - PIR @ 23.0c - 0.232 W/mK	
Adhesive	Thermosetting two-part adhesive	
EPS-FR Panel Weight (kg/m²)	50mm Panel	10.58
	75mm panel	10.94
	100mm Panel	11.17
	150mm Panel	12.23
PIR Panel Weight (kg/m²)	50mm Panel	12.58
	75mm Panel	13.88
	100mm Panel	15.17
	150mm Panel	18.23
EPS-FR R Value @ 22.5°C	50mm Panel	1.4
	75mm panel	2.1
	100mm Panel	2.7
	150mm Panel	4.1
PIR R Value @ 23.0°C	50mm Panel	2.16
	75mm panel	3.23
	100mm Panel	4.31
	150mm Panel	6.47
Sheet Coverage	1000mm	
Length (mm)	Cut to length. Min. of 1500mm	
Thickness (mm)	50, 75, 100, 125, 150, 200, 225, 250	
Minimum Roof Pitch	2°	



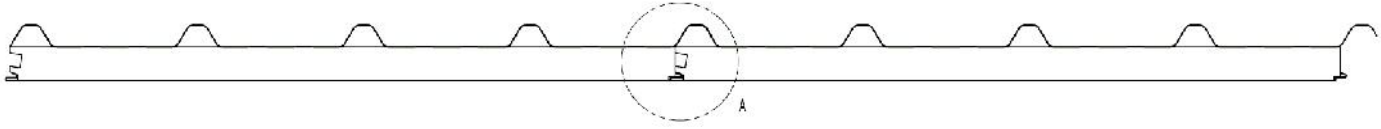
Detail B



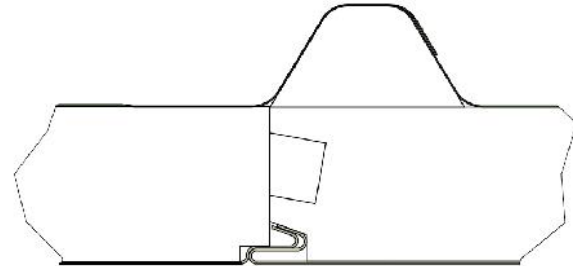
Detail C



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DeltaTrim™ Acoustic Values			
Frequency		50mm	125mm
	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	



Detail A

Early Fire Hazard Properties AS 1530.3 1989 EPS-FR Panel			
Index	Test Range	External Top Skin	Exposed Core
Ignitability	0-20	0	12
Spread of Flame	0-10	0	9
Heat Evolved	0-10	0	7
Smoke Developed	0-10	1	7

DeltaTrim™ Fixing Details Crest fixing only. One fixing every second crest		
Panel Thickness (mm)	Fixing into Steel	Fixing into Timber
50	Tek 14 x 135 Hex Head Screw	T17 14 x 125 Hex Head Screw
75	Tek 14 x 150 Hex Head Screw	T17 14 x 150 Hex Head Screw
100	Tek 14 x 175 Hex Head Screw	T17 14 x 175 Hex Head Screw
125	Tek 14 x 200 Hex Head Screw	T17 14 x 200 Hex Head Screw
150	Tek 14 x 230 Hex Head Screw	T17 14 x 230 Hex Head Screw
175	Tek 14 x 260 Hex Head Screw	T17 14 x 265 Hex Head Screw

* Use Cyclone Plate and Neo Washer on each fixing

DeltaTrim™ 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 **DeltaTrim™**.

DeltaTrim™ is classed as traficable when used in a roof application.

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