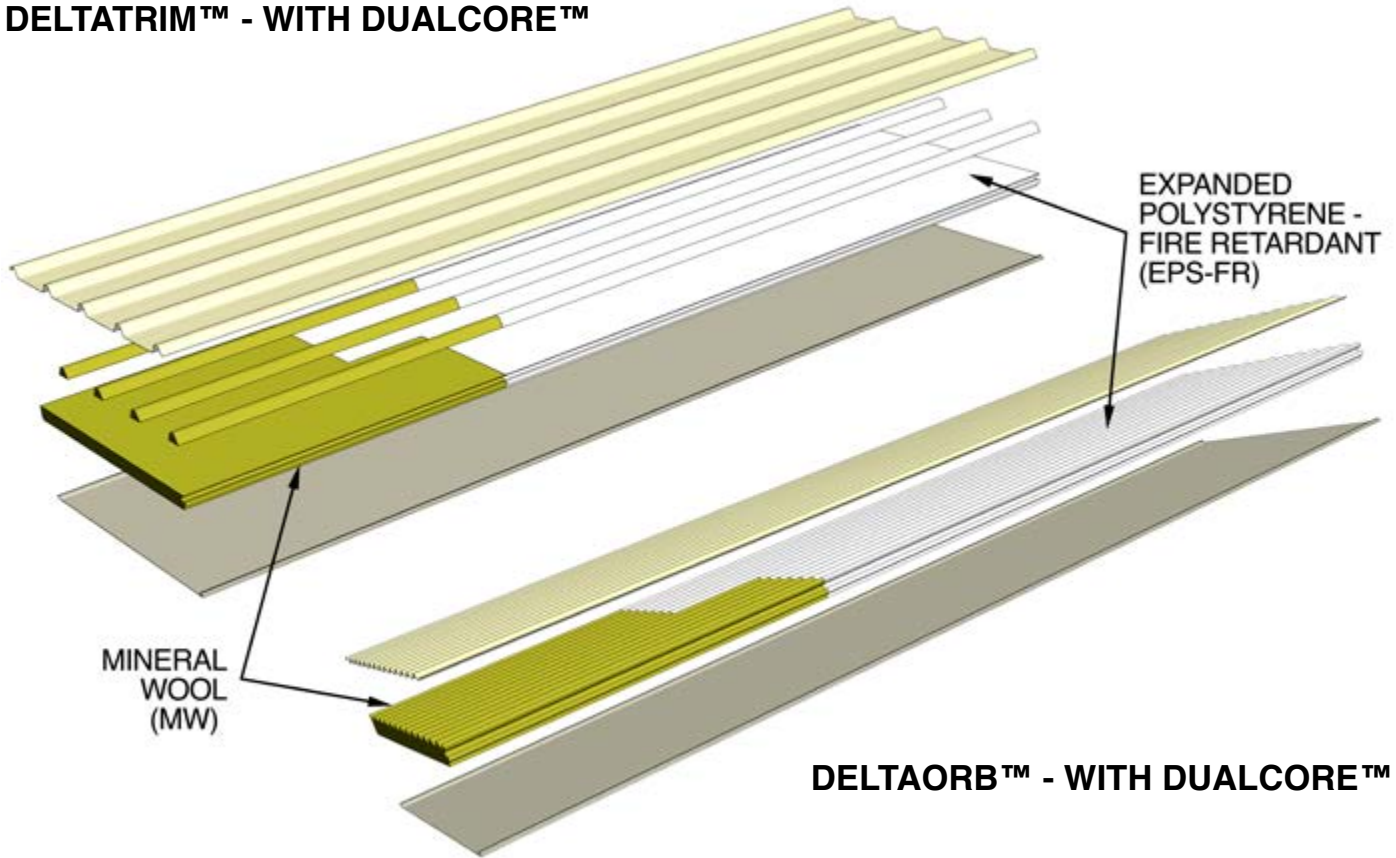


DELTATRIM™ - WITH DUALCORE™



DELTAORB™ - WITH DUALCORE™

APPROVED PATIO/CARPORT ROOFING SOLUTION NEXT TO THE BOUNDARY

AUSTRALIAN MADE FOR AN AUSTRALIAN LIFESTYLE

PRODUCT DESCRIPTION

DeltaDualCore Panels utilise a unique combination of core materials, allowing the panel to retain the structural and aesthetical benefits of insulated panels, while still conforming to non-combustibility requirements outlined in Part 3 of the NCC 2019 – Volume Two.

PRODUCT FEATURES

- Engineer Certified to conform to the non-combustible requirements for Class 10 Buildings
- Available in both DeltaTrim™ & DeltaOrb™ Top sheets
- Full colour range of Delta Roofing
- Offers a practical solution to building Carports and Patios along the boundary line.
- Patent Application Number 2020904241

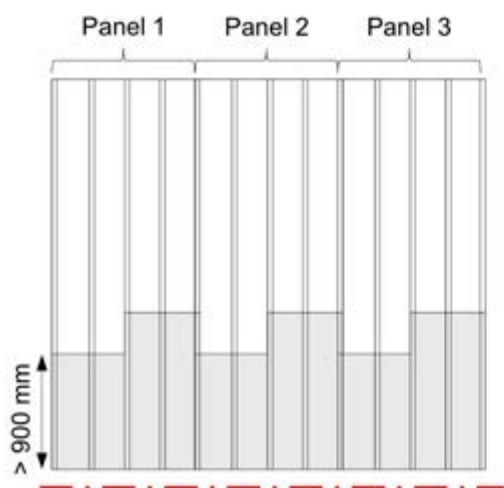
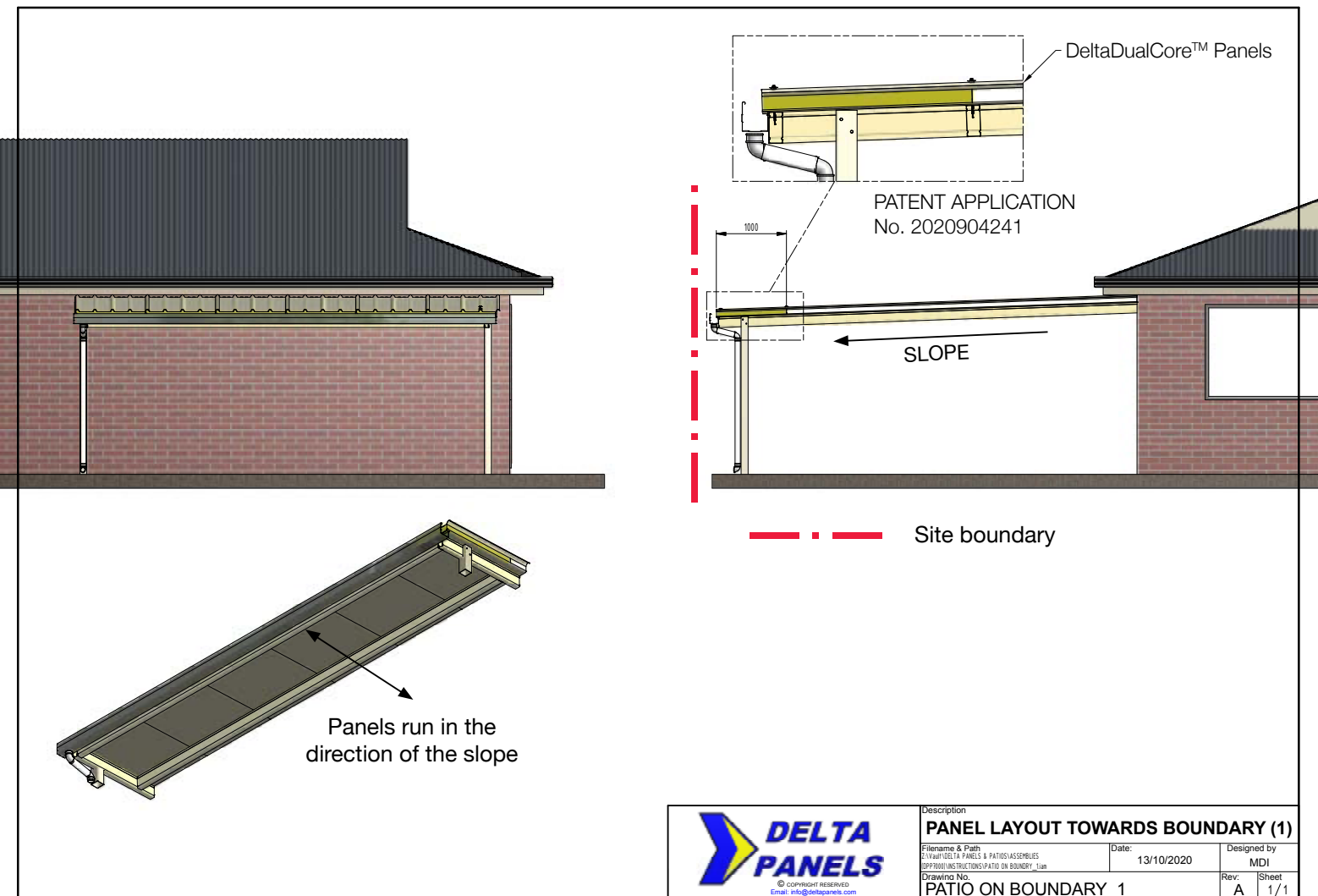


Version Date: 09.04.2021

DELTADUALCORE™ PANELS

- For Patio/Carport roofing that finishes within 900mm of the boundary line.

PANEL LAYOUT RUNNING TOWARDS THE BOUNDARY LINE



Design Configuration 1

NOT DRAWN TO SCALE

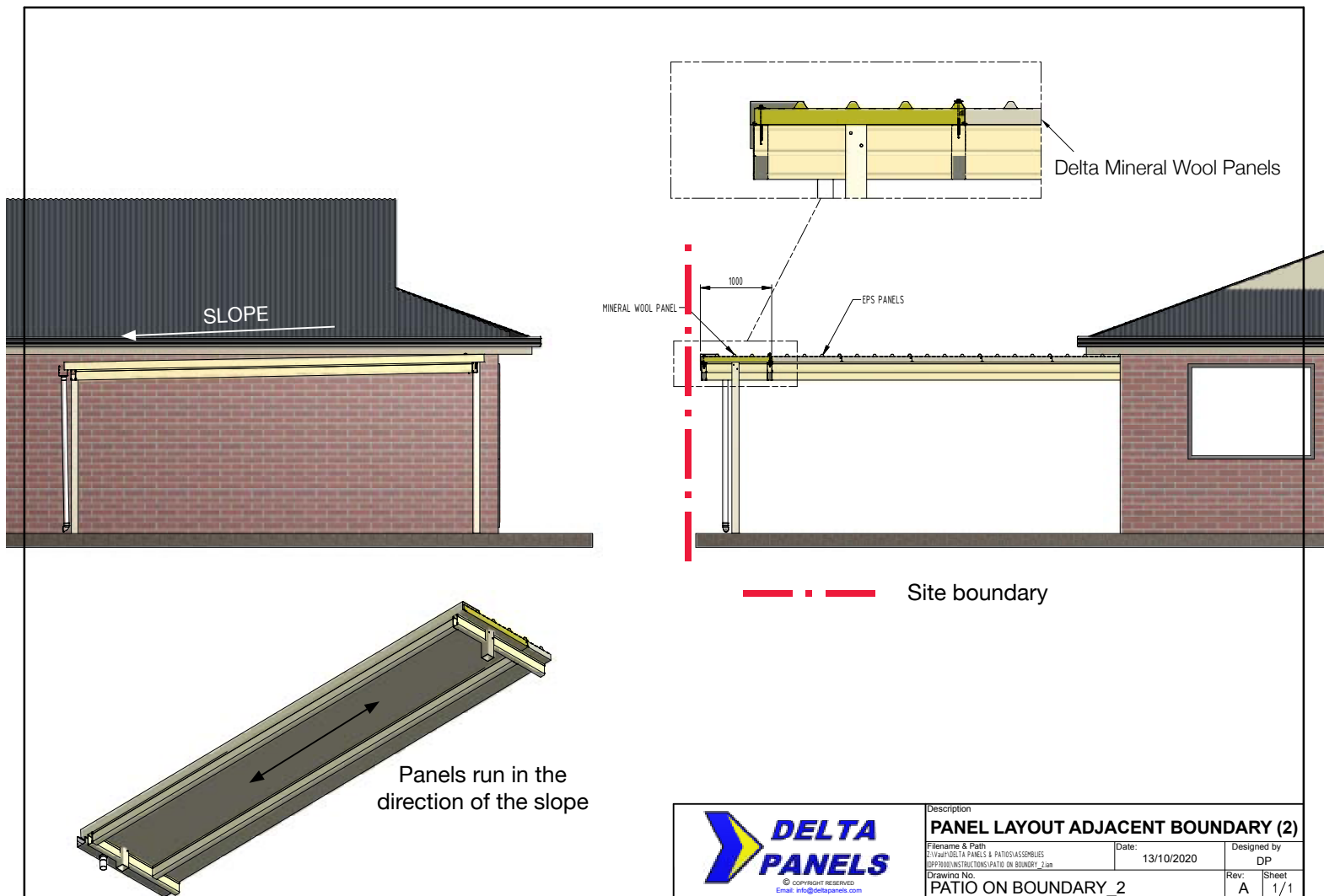
- Mineral Wool
- Expanded Polystyrene – Fire Retardant (EPS-FR)
- Site boundary

Version Date: 09.04.2021

DELTA MINERAL WOOL PANELS

- For Patio/Carport roofing that runs adjacent to the Boundary Line.

PANEL LAYOUT ADJACENT TO THE BOUNDARY



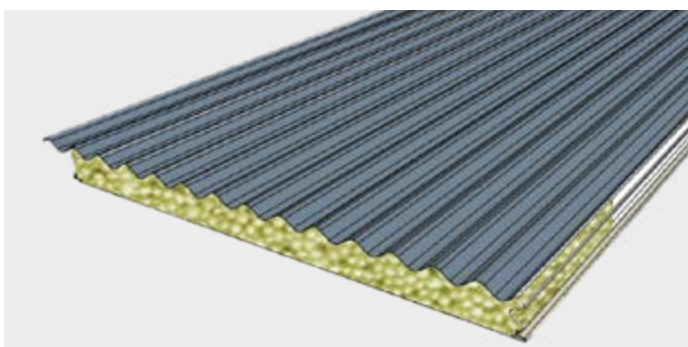
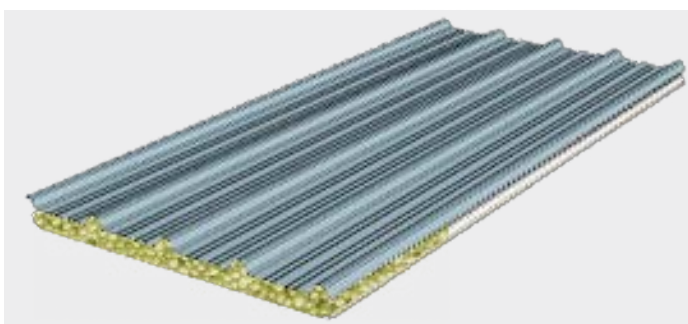
Design Configuration 2

NOT DRAWN TO SCALE

- Mineral Wool
- Expanded Polystyrene – Fire Retardant (EPS-FR)
- Site boundary

Version Date: 09.04.2021

Steel Skin Details	Top Skin	0.42mm / G550 AZ150
	Bottom Skin	0.60mm / G300 Z275
Core Material Options	- SL Grade Polystyrene - Fire Retardant Grade - Mineral Wool - MW - 900 minimum	
Thermal Conductivity	Minimum 0.0363 W/mK @ 23.0 C	
Adhesive	Thermosetting two-part adhesive	
R Value @22.5°C	75mm Panel	2.08
	100mm Panel	2.78
	125mm Panel	3.48
	150mm Panel	4.17
Sheet Coverage	1000mm	
Density	Average density for a 6.0 metre panel is 30.8kg/m3	
Length (mm)	Cut to length. Min. of 1800mm	
Thickness (mm)	75, 100, 125, 150	
Weight (kgs/m²)	75mm Panel	13.9
	100mm Panel	14.7
	125mm Panel	16.7
	150mm Panel	18.7
Minimum Roof Pitch	DeltaTrim™ - 2°	
	DeltaOrb™ - 3° for Class 10 Buildings	



DeltaTrim™ 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 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

DeltaOrb™ Fixing Details

Crest fixing only. One fixing every second crest

Panel Thickness (mm)	Fixing into Steel	Fixing into Timber
75	Tek 14 x 135 Hex Head Screw	T17 14 x 150 Hex Head Screw
100	Tek 14 x 150 Hex Head Screw	T17 14 x 175 Hex Head Screw
125	Tek 14 x 175 Hex Head Screw	T17 14 x 200 Hex Head Screw
150	Tek 14 x 200 Hex Head Screw	T17 14 x 230 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.



Patent Application No. 2020904241

Version Date: 09.04.2021