



- Non-Combustible Insulated Panels



PRODUCT CATALOGUE

AUSTRALIAN MADE FOR AN AUSTRALIAN LIFESTYLE

Delta Panels Pty Ltd

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Version Date: 07.05.2020



JAS-ANZ



PRODUCT FEATURES

- Non-Combustible as per the National Construction Code C1.9e
- Engineer Certified for use in Type A & B buildings
- Moisture resistant
- Available in a full range of colours and skin finishes
- DeltaMax™ and DeltaLux - superior paint finishes also available
- Thermal efficient
- Standard Warranty - 20 years, with Site Specific Warranties up to 25 years available.
- No restriction on manufactured length only subject to transport and onsite handling considerations
- Walls and Roofing panels available

FIRE TEST PERFORMANCE

Fire Test Certificate - AS ISO 9705

Group 1 classification in accordance with NCC Volume one Specification BCA20005 C1.10 clause 4 determined in accordance with AS 5637.1:2015.

Non-Combustible - Code C1.9

The Delta Panels range of Mineral Wool insulated building panels are Engineer certified to meet performance requirements in accordance with section C1.9 Non-Combustible building elements of the National Construction Code 2019.

Flameguard FRL Systems Vertical Walls

BRANZ Report Number	FR1043-001 30/10/2018
Panel Thickness	100mm
Maximum FRL	-/60/120

Early Fire Hazard Properties AS 1530.3 1989

AWTA Test Report 18-006075 14-11-20181989

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

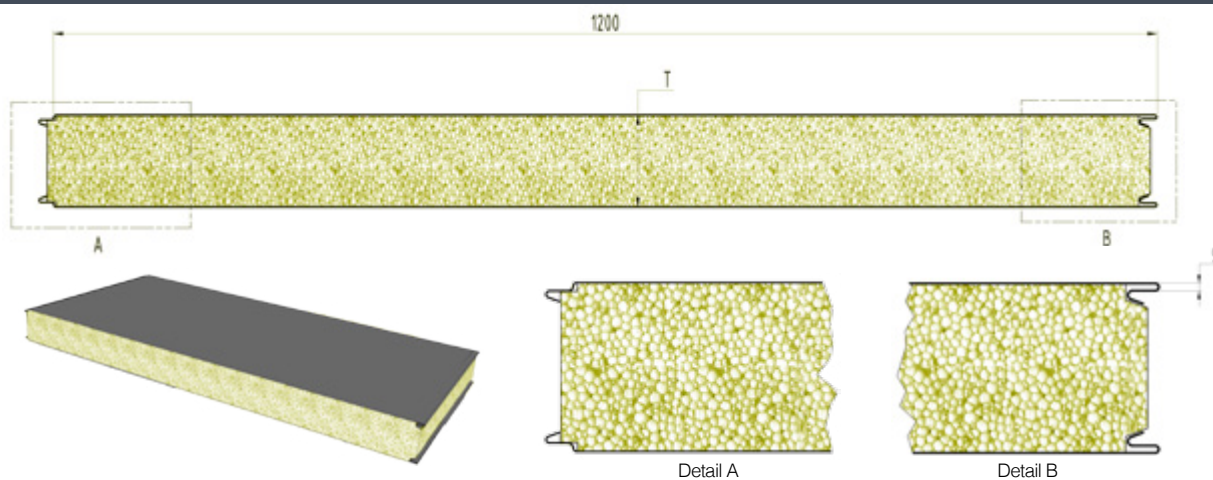
TECHNICAL SPECIFICATIONS

Steel Skin Details Wall	Top Skin	0.60mm / G300 Z275
	Bottom Skin	0.60mm / G300 Z275
Steel Skin Details Roof	Top Skin	0.42mm / G550 AZ150
	Bottom Skin	0.60mm / G300 Z275
Max. Skin Temperature	78°C Dry Heat	
Core Material Details	Mineral Wool	
Thermal Conductivity	0.042 W/mK @23.0°C	
Core Density	100kg/m ³	
0.6mm Skin Weight (kg/m ²)	75mm Panel	18.50
	100mm Panel	21.00
	125mm Panel	23.50
	150mm Panel	26.00
R Value	75mm Panel	2.50
	100mm Panel	3.30
	125mm Panel	4.20
	150mm Panel	5.00
Sheet Coverage	1200mm - Wall 1000mm - Roof	
Length (mm)	Cut to Length Min of 1800mm	
Length Tolerance (mm)	5mm+/-	
Thickness (mm)	75, 100, 125, 150	
Flatness Standards	0.60mm	Surface deformations can be apparent to the naked eye when observed in certain lighting conditions

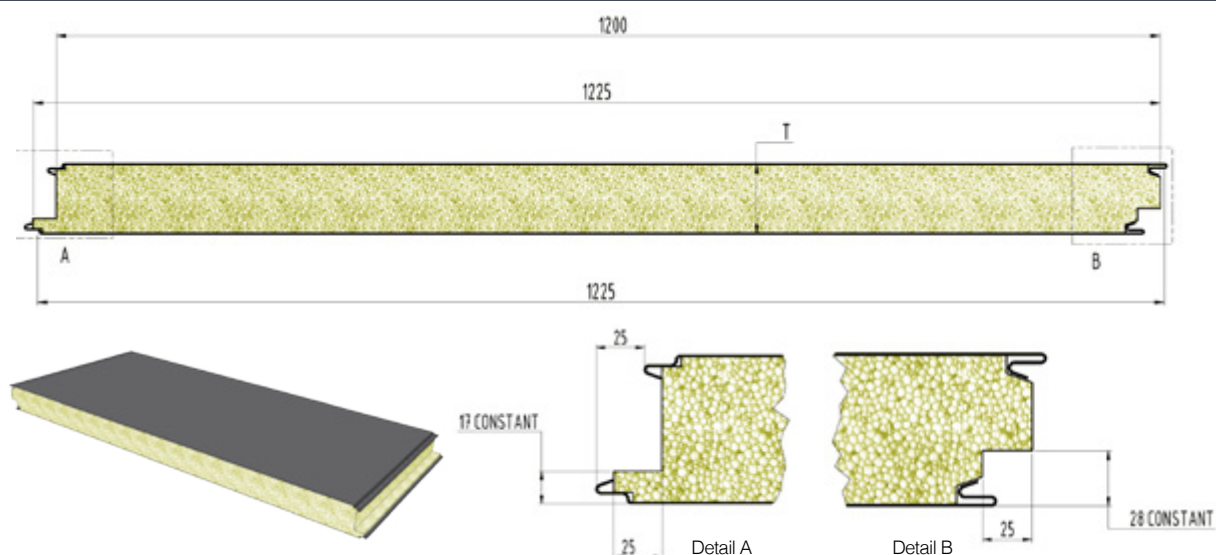
ACOUSTIC PROPERTIES

Acoustic Values			
Frequency		75mm	125mm
	STC	24.00	23.00
	RW	25.00	24.00

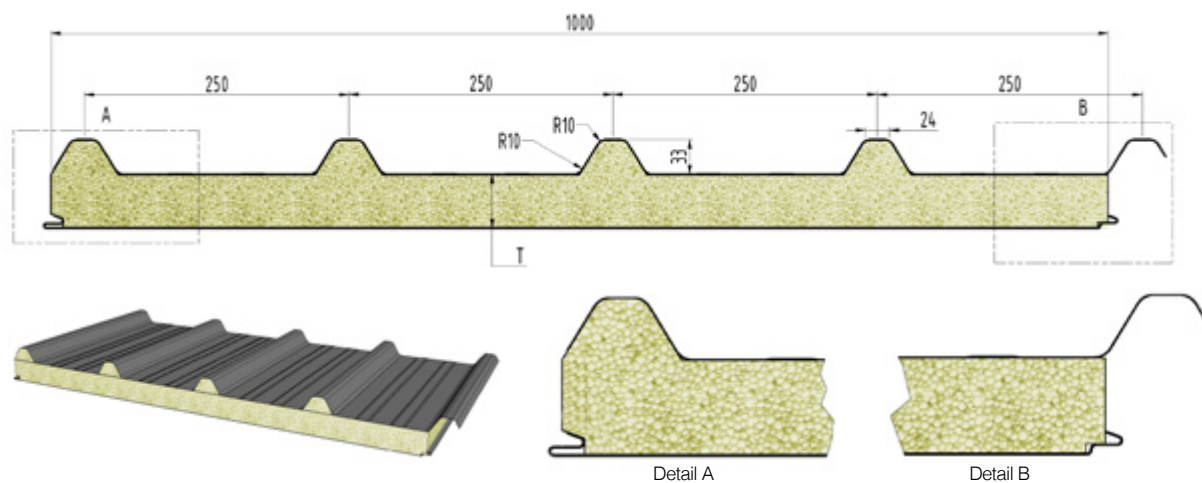
DELTA COOL-MW



DELTASECRETFIX-MW



DELTATRIM-MW



SPAN TABLES

Single Span Non-Cyclonic Tables			
Span	Pressure (kPa)		
mm	75mm	100mm	150mm
1800	2.47	3.30	5.00
2400	1.93	2.57	4.01
3000	1.43	1.90	2.99
3600	1.18	1.57	2.40
4200	1.02	1.35	2.03
4800	0.85	1.13	1.69
5400	0.71	0.94	1.41
6000	0.60	0.80	1.20

Multi Span Non-Cyclonic Tables			
Span	Pressure (kPa)		
mm	75mm	100mm	150mm
1800	1.98	2.64	3.96
2400	1.55	2.06	3.09
3000	1.14	1.52	2.28
3600	0.95	1.25	1.88
4200	0.83	1.09	1.64
4800	0.71	0.94	1.41
5400	0.62	0.82	1.23
6000	0.57	0.76	1.14

