



- Non-Combustible Insulated Wall Panels



PRODUCT CATALOGUE

AUSTRALIAN MADE FOR AN AUSTRALIAN LIFESTYLE

Delta Panels Pty Ltd

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PRODUCT FEATURES

- Non-Combustible as per the National Construction Code C1.9e
- Engineer Certified for use in Type A & B buildings
- 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

FIRE TEST PERFORMANCE

Combustibility Test AS 1530.1-1994

CSIRO Report no. FNC12604 dated 8/7/2020 tested five (5) samples of the Delta Panels supplied mineral wool sample and certified that the material is NOT deemed combustible according to the criteria specified in clause 3.4 of AS 1530.1-1994.

Non-Combustibility Building Material - NCC Section C1.9

The Delta Panels laminated mineral wool products are certified, by Milanovic Neale Consulting Engineers 28/8/2020, to meet the three performance criteria in the NCC (2019) Section C1.9 (non-combustible building elements)

Early Fire Hazard Properties AS 1530.3:1999

AWTA Test Report 18-006075 14-11-2018

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	2

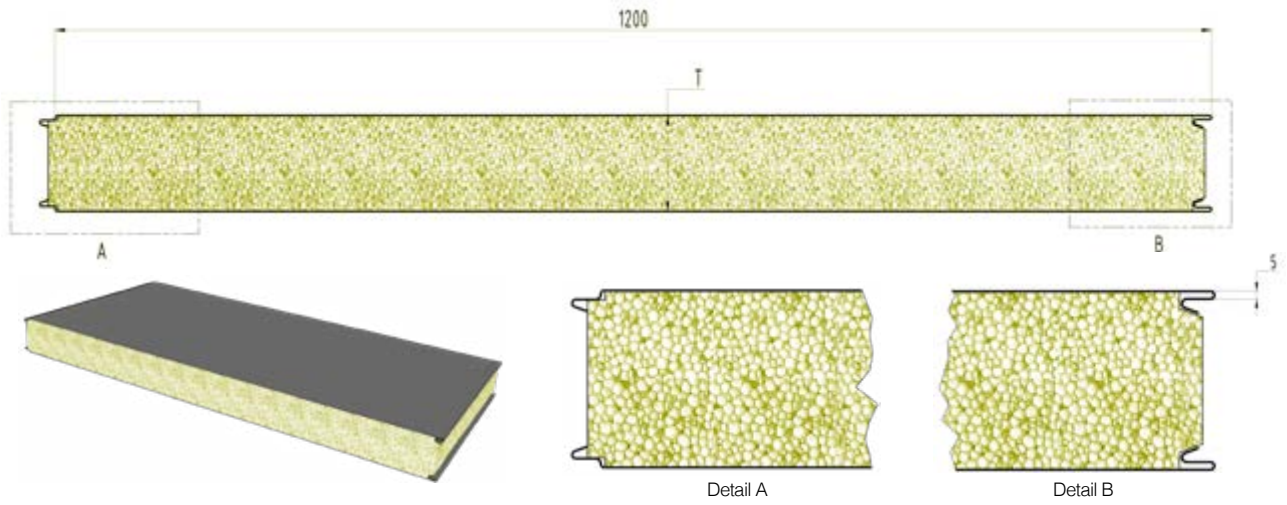
TECHNICAL SPECIFICATIONS

Steel Skin Details Wall	Top Skin	0.60mm / G300 Z275
	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/m²)	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	
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

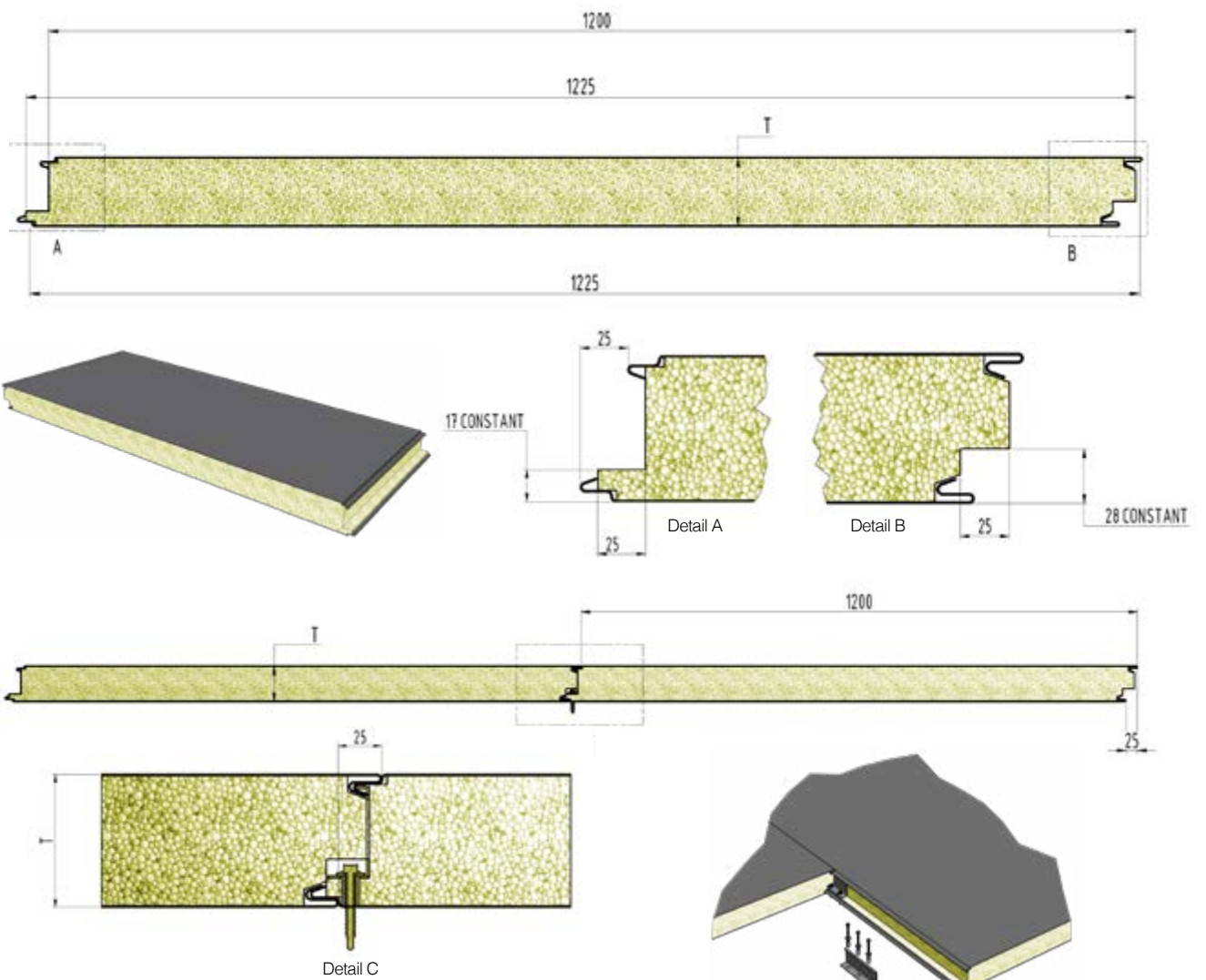
ACOUSTIC PROPERTIES

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

DELTA COOL-MW



DELTA SECRETFIX-MW



SPAN TABLES

Single Span Non-Cyclonic Tables			
Span mm	Pressure (kPa)		
	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 mm	Pressure (kPa)		
	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

