DeltaSingle™

Product Catalogue

AUSTRALIAN MADE FOR AN AUSTRALIAN LIFESTYLE

Delta Panels Pty Ltd

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Version Date: 2026-10-22

ISO 45001 CERTIFIED SCI QUAL INTERNATIONAL

ISO 9001 CERTIFIED SCI QUAL INTERNATIONAL

ISO 14001 CERTIFIED SCI QUAL INTERNATIONAL

STRUCTURAL INTEGRITY WARRANTY 20 YEAR

PAINT FINISH WARRANTY 10 YEAR

DeltaMax PAINT FINISH WARRANTY 30 YEAR

DeltaPanels™ PROUDLY OFFERS THE FOLLOWING WARRANTIES

STRUCTURAL INTEGRITY - 20 YEARS
PAINT FINISH - 10 YEARS
DELTAMAX PAINT FINISH - 30 YEARS

CONDITIONS APPLY, PLEASE REFER THE THE FULL WARRANTY PROVISIONS AS LISTED ON OUR WEB PAGE.

DeltaSingle™

DeltaSingle™ allows you to create the perfect outdoor entertaining area that enhances your lifestyle, and adds value to your property.

- The new DeltaLum™ LED lighting system and DeltaSkylight are easily to install as components of the DeltaSingle™ roofing system
- Kits are available for Single & Double Carports
- Cost effective and stylish patio system when combined with DeltaBeam™
- Clip-together modules make DeltaSingle™ perfect as a DIY project
- 300mm wide roof modules allow for easy handling and fast installation
- Deep roofing profile creates strength and allows for greater spans
- Ceiling profile combines the elegance of VJ panelling with a clean, modern appearance
- Available in popular high-gloss colours to complement your house
- Written 20 Year Warranty for true peace of mind

** Download technical data information from the Delta Panels™ website*

Colour Range - DeltaSingle™		
ROOF COLOUR	CEILING COLOUR	
Off White	Off White	●*
Smooth Cream	Smooth Cream	●*
Monolith	Off White	●*

* Note:
DeltaSingle™ colours are 80% gloss level on the ceiling, standard gloss level on the roof.

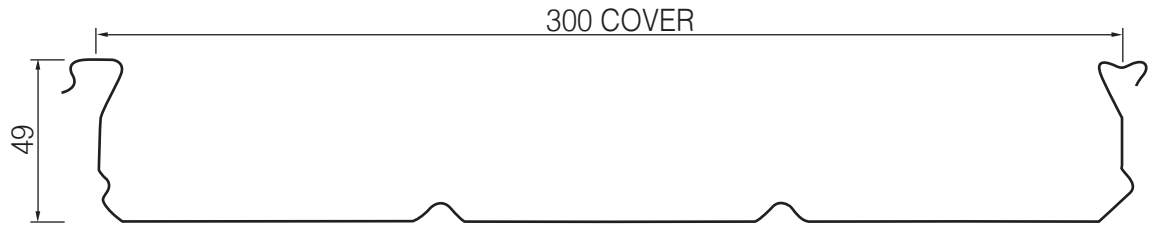
Colour Range - DeltaBeam™		
	Off White	●*
	Ebony	●*

Available in both Off White & Ebony as a standard colour, though a wide range of powder coated colours are available upon request.

** Note:
DeltaBeam™ is manufactured in 80% gloss colours.

Beam Information

Figure - Sheeting Profile



Material:
G550 0.48 BMT steel to AS 1397

General Notes:

1. Delta Single sheeting & DeltaBeam to be used for external non-habitable applications only.
2. Sheeting & beam spans are not adequate for any additional imposed loads, including foot traffic.
3. Design wind class is to be determined in accordance with AS 4055:2012 – Wind loads for housing.
4. Structural adequacy of the structure to which the sheeting and/or beam are attached is to be checked by a qualified engineer.
5. Any side of new roofing with more than 50% of clear area from ground to sheeting blocked is considered to be an enclosing wall.

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DeltaSingle™

STRUCTURAL INTEGRITY WARRANTY 20 YEAR

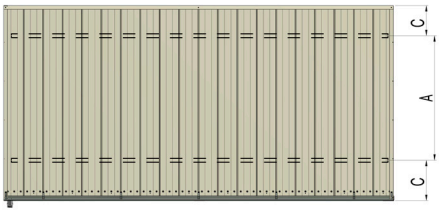
DeltaSingle™

1. Minimum roofing slope to be 1˚.
2. The minimum fixing requirements are 3/14g screws with cyclonic washers per sheet per support.
3. Allowable deflection limit for wind loading is span / 50.
4. Maintenance load of 0.5kN has been allowed for.
5. DeltaSingle™ is classified as a non-trafficable roof.
6. Maximum allowable overhang of sheeting is 30% of the adjacent span or 900mm, whichever is lesser.
7. 'Roof Span' is the maximum spacing of supports for sheeting.

Allowable Span (mm) for Delta Beams Roof panel span of 6.5m with 1m overhang				
Wind Class	N2	N3	N4	N5
100x1.0 Beam	3620	2820	2970	2300
150x1.2 Beam	4770	3640	3850	2920
200x1.2 Beam	5500	4110	4370	3220
250x1.6 Beam	7960	6500	6780	5270
300x1.6 Beam	8630	7000	7380	5490

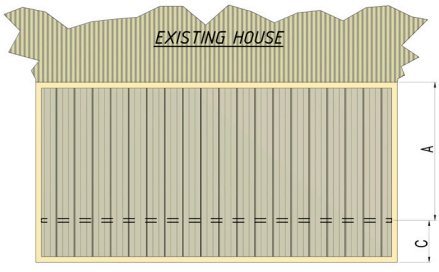
Allowable Span (mm) for 0.48 BMT Delta Sheeting in non-cyclonic regions								
Wind Class	Single-Span				Multi-Span			
	Cp,n				Cp,n			
	0.5	0.7	1	1.2	0.5	0.7	1	1.2
Patio Type	1P	1	2+4	3	1P	1	2+4	3
N1/N2	4090	3900	3600	3150	4200	4010	3850	2150
N3	4030	3850	3130	2820	4030	3850	3130	2820
N4	3720	3060	2500	2250	3710	3060	2490	2250
N5	2970	2460	2010	1830	2970	2450	2010	1830

Awning Types:



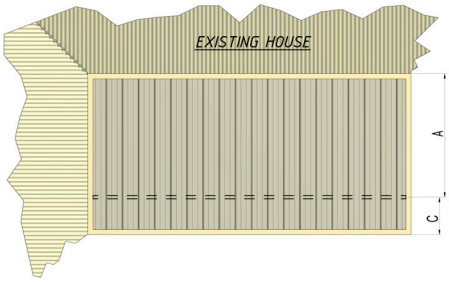
Type 0

Free-Standing
(Cp,n 0.5/0.7)



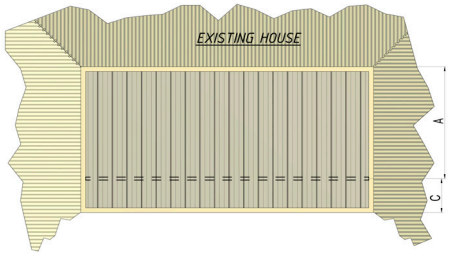
Type 1

One Side Attached
(Cp,n 0.7/0.5)



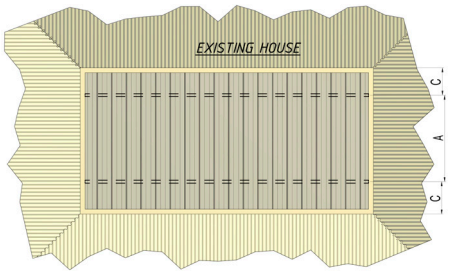
Type 2

Two Side Attached
(Cp,n 1)



Type 3

Three Side Attached
(Cp,n 1.2)



Type 4

All Sides Attached
(Cp,n 1)

Table 1 - Dimensional limits for Cp,n=0.5			
hc/h	**Max. hc/wc**	**hc/h**	**Max. hc/wc**
<0.4	Not Allowed	0.75 to 0.8	0.71
0.4 to 0.5	No limits	0.8 to 0.9	0.45
0.5 to 0.75	1.0	0.9 to 1.0	0.33

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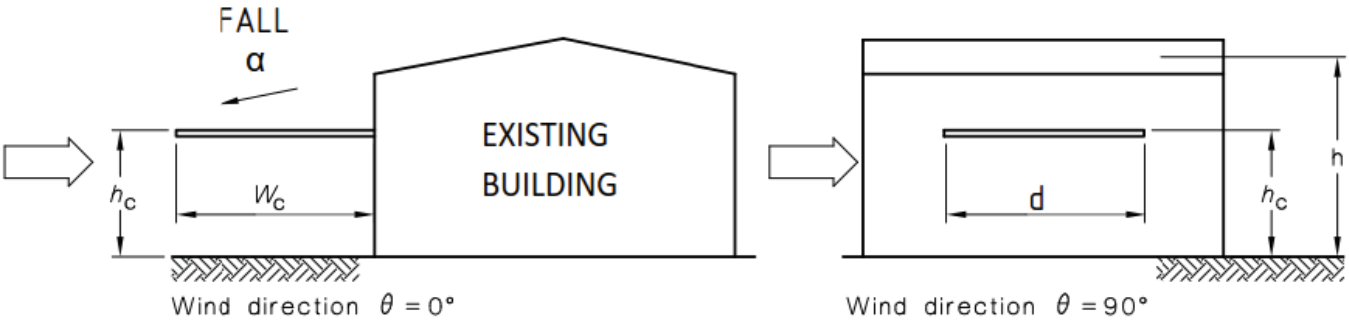
Limits For Using Type 1P Awning Classification.

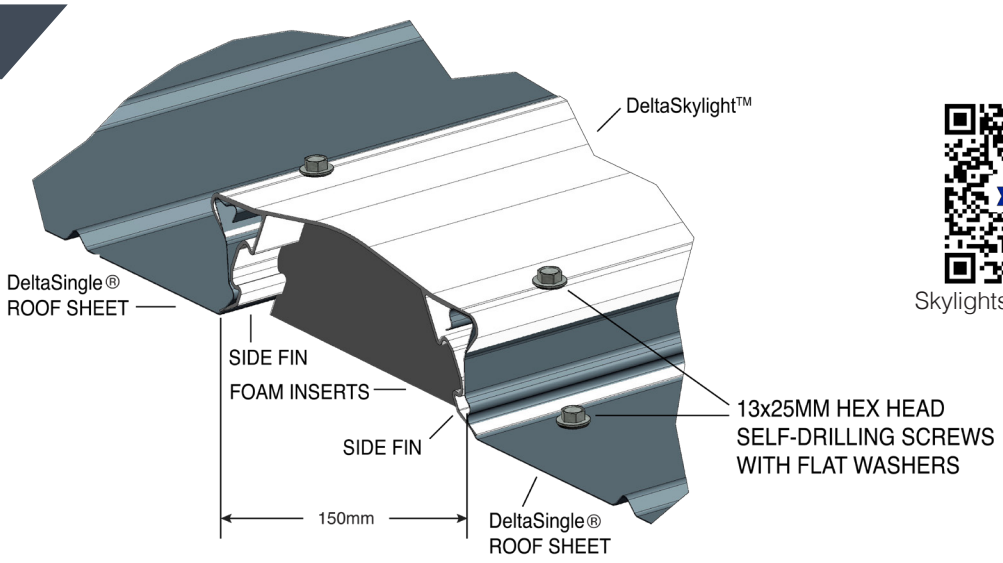
Following are the dimensional requirements for using Type 1P awning classification, which has 1 partial wall.

- For awning dimensions, refer to figure 1.
- Awning is to be attached one side only to an existing building.
- Awning pitch "α" is to be between 1˚ and 10˚.
- Slope of the awning is to be normal to the attached wall.
- Minimum hc = 0.05 x d
- Maximum hc = 1.0 x d
- Maximum hc/wc to be as per Table 1.
- Maximum blockage under the roof parallel to the attached wall is to be 56% of the projected area.
- Awnings attached one side that do not comply with the above are to be classified as Type 1.
- Maximum hc = 1.0 x d
- Maximum hc/wc to be as per Table 1.
- Maximum blockage under the roof parallel to the attached wall is to be 56% of the projected area.
- Awnings attached one side that do not comply with the above are to be classified as Type 1.

Figure 1 - Roof Dimension



Skylights



Skylights & Downlights

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