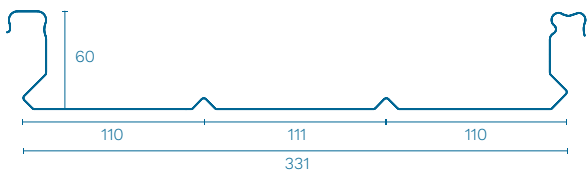


Single-skin Roofing Specifications

Profiles

V-Line Roofing



Specifications

Sheet Coverage (mm)	331
Min. Length (m)	Cut to length. 0.5
Roof Material	0.48 / AZ150 G550
Roof Finish	Top: 25% Gloss, Bottom: 80% Gloss*
Paint System	AS/NZS 2728 and AS 1397
Min. Roof Pitch (°)	2° or 1° (limited lengths)
Mass (kg/m ²)	0.48 / 4.145
Tolerances (mm)	Length +10 - 10, Width +2 -2

Notes Deflection limit of span 1/150 applies, and in accordance with Serviceability Limit state criteria per AS1170.0 - TABLE C1. Single-Skin patios/carports are considered non-trafficable. Single-Skin roofing is not engineered to support a concentrated load. It is recommended to display a non-trafficable sign on the structure. For more information refer to the Engineering & Construction Manual - <https://ausdeck.com.au/resource-hub/>

*Off White/Off White 25% Gloss/25% Gloss

Span Table

Wind Class	Thickness	Wall to One Side (mm) 0.5/0.7 Cp,n	Walls to Two Sides (mm) 1.0 Cp,n	Walls to Three Sides (mm) 1.2 Cp,n	Enclosed (mm) 1.1-1.6 Cp,n	Open Four Sides (mm) 0.7 Cp,n	Open Four Sides (mm) 1.0 Cp,n	Overhang (mm)
N1/N2	0.48	5150	5150	4650	4650	5150	5150	900
N3	0.48	4950	4900	4450	4450	5150	4900	900
N4	0.48	4700	4650	4200	4250	4800	4650	900
C1	0.48	4180	4180	3400	3550	4180	4180	750
C2	0.48	3400	3220	2800	2950	4050	3220	525
C3	0.48	2700	2600	2500	2500	2850	2600	275

Notes Tables apply to flat patio structures that are attached/freestanding. When designing flat/gable carport or gable patio structures that are attached/freestanding, refer to the Applicable Coefficient table on page 10 of the Engineering & Construction Manual. Sheet spans are measured from the back of the receiver channel to the front of the beam. For more information refer to the Engineering & Construction Manual - <https://ausdeck.com.au/resource-hub/>

Maximum Roof Sheet Length

For a Roof Pitch of 1 Degree

Product	Max. Roof Sheet Length @ 1 Degree (mm)
V-Line 0.48 BMT Single-Skin Roofing	3600

Notes Maximum roof sheet length shown are based on rain intensity of 350mm/hr. This table does not override the standard roof sheet span tables. For more information refer to the Engineering & Construction Manual - <https://ausdeck.com.au/resource-hub/>

Roof Fixing Guide

V-Line

Recommended Fixings	Wind Class		
	N1 to N4	C1 to C4	Screws Required
Metal Beam	Tek 12-14x20 Screw with Neo or Ripple Zip Screw	Tek 12-14x30 Screw with Neo and 25x1.2mm Aluminium EPDM Washer	1 per pan for each fixing point
Timber Beam	T17 12x25 Screw with Neo	N/A	1 per pan for each fixing point

Notes V-Line roofing requires 3 fixing points per sheet (1 per pan). For fixing into metal beam 5mm-15mm use Series 500 screws. For more information refer to the Engineering & Construction Manual - <https://ausdeck.com.au/resource-hub/>