TECH-SPECS
Engineering and Design

TECH-SPECS AS1.01 - Sheet FO1 - 01/11/2018

Instructions

Existing Rafter Spacing - Mtrs	0.600	Load Per Truss - kN	0.19

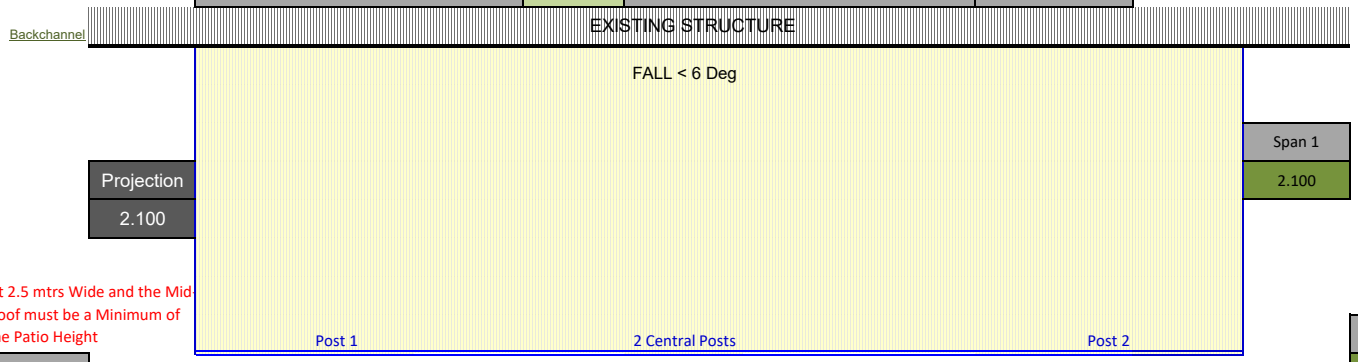
For Connection to Existing Buildings, Refer TECH-SPECS Engineering Design Manual V1.01

Geographic Region
A

Wind Category
N1
OK

Applicable Cp'n
0.5
1 Side Enclosed

The Patio must be at least 2.5 mtrs Wide and the Mid Height of the Existing Roof must be a Minimum of 1.5 times the Patio Height



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R/Sheet O'Hang
0.000

Edge Beam
ALUMINIUM
150 x 50 x 3.0
Ok

Post Type	Post Size	Max. Height
Aluminium	50 x 50 x 1.6	3.000
Footing Type		
Timber Floor/Deck		

0.475	Ok
Beam Overhang	

11.350
Width 1

Ok	0.475
Beam Overhang	

Total Patio Width	12.300

Anchor Load 1	0.86 kN	Anchor Load 3	1.38 kN	Anchor Load 2	0.86 kN

Refer SMARTFRAME or a Similar Program to Confirm the Structural Intergrity of the New or Existing Timber Floor/Deck. Alternatively, Forward Your Floor/Deck Details to TECH-SPECS for Certification if Required.

Central Posts	2
Current Beam Span	3.783
Max. Beam Overhang	1.135

Roof Sheet	0.42
Allowable Roof Sheet Span (mm)	4700
Roof Sheet Span	2.100
Maximum Roof Sheet Overhang (mm)	525
Total Roof Sheet Area - M2	25.83

No Snow Loading has been applied to this Project

CUSTOMER	Melville & Baldock		PROJECT #	MC1165
ADDRESS	13 Warralong Street		DATE	6/02/2025
SUBURB	Coomba Park	NSW	POSTCODE	2428

Design CORRECT Must be Displayed, Ensure Customer Details, Job Number and Current Date Etc. are all Correct

DESIGN
CORRECT

This Certificate has been generated using the TECH-SPECS AS1.01 Attached Structures Program and must be used in conjunction with the TECH-SPECS Engineering Design Manual V1.01.

The Program and Manual have been certified by ELM Consulting Engineers.

Design Correct MUST be displayed in the lower right hand corner of the page, and all Customer Details MUST be correct.

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