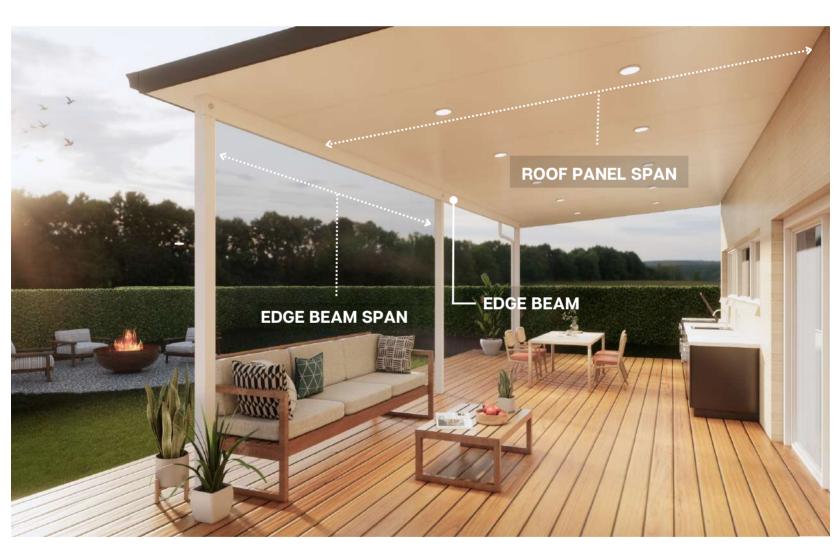
# **Versi**clad

## **Edge Beam Span Table** Quick Reference Guide (Wind Classes N1 & N2)

Versiclad offers a complete range of roof panels, posts, beams and accessories for both residential and commercial applications to ensure you're equipped with everything you need for your next project.

Use the tables on the back of this flyer to determine the maximum edge beam spans for a structure with 3 open sides for N1 or N2 wind classification.



For further information regarding edge beam spans, connect with us via the following:







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# **Versi**clad

# **Edge Beam Span Table** Quick Reference Guide (Wind Classes N1 & N2)

The following information refers to the maximum allowable edge beam span for a structure **with 3 open sides** using a roof panel with a **maximum thickness of 150mm**.

ROOF PANEL SPAN 3.0m + 0.5m O/H		
BEAM SIZE	MAX ALLOWABLE SPAN (m)	
105x50	3.5	
170x50	5.5	
235x50	7.4	
150x150	5.9	

#### ROOF PANEL SPAN 3.1 - 4.0m + 0.5m O/H

BEAM SIZE	MAX ALLOWABLE SPAN (m)
105x50	3.3
170x50	5.1
235x50	6.9
150x150	5.5

### ROOF PANEL SPAN 4.1 - 5.0m + 0.5m O/H

BEAM SIZE	MAX ALLOWABLE SPAN (m)
105x50	3.1
170x50	4.8
235x50	6.5
150x150	5.2

## ROOF PANEL SPAN 6.1 - 7.0m + 0.5m O/H

MAX ALLOWABLE SPAN (m)
2.8
4.3
5.9
4.7

### ROOF PANEL SPAN 5.1 - 6.0m + 0.5m O/H

MAX ALLOWABLE SPAN (m)
2.9
4.5
6.2
4.9

#### ROOF PANEL SPAN 7.1 - 8.0m + 0.5m O/H

BEAM SIZE	MAX ALLOWABLE SPAN (m)	
105x50	2.7	
170x50	4.2	
235x50	5.7	
150x150	4.5	

ALLOWABLE EDGE BEAM OVERHANGS		
Edge Beam Span up to 3000mm	33% of Edge Beam Span	
Edge Beam Span 3001mm to 4000mm	30% of Edge Beam Span	
Edge Beam Span 4001mm and over	lesser of 25% of Edge Beam Span or 1800mm	



The data in this document has been generated using the TECH-SPECS AS1.01 Attached Structures Program. This document has been designed to act as a guide for beam sizing only, and does not constitute an Engineering Certificate for purposes of Local Council requirements. Be sure to consult with an appropriately qualified building professional to determine the Wind Classification for your site.