



Engineered Wood Products

BEAM 16 LINTEL SPAN TABLE

March 2025

BEAM

16

Beam 16's strength and quality makes the perfect choice for all beam and lintel applications.

The below span table offers an efficient Beam 16 lintel option in single or upper storey load bearing walls.

Design Parameters:

Wind zone: Up to and including Very High wind zone
 Roof Pitch: Up to 35 deg
 Roof Mass: 40kg/m² (long run + 13mm plasterboard)

Beam 16 Size	Roof Load Width (m)											
	3.0m			3.6m			4.2m			4.8m		
	Roof Pitch (degrees)											
	0-15°	15-25°	25-35°	0-15°	15-25°	25-35°	0-15°	15-25°	25-35°	0-15°	15-25°	25-35°
200 x 88	4.5	4.4	4.3	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.8	3.7
240 x 88	5.3	5.2	5.1	5.1	4.9	4.8	4.7	4.7	4.5	4.5	4.4	4.3
300 x 88	6.5	6.4	6.2	6.1	6.0	5.8	5.8	5.7	5.5	5.5	5.4	5.3
360 x 88	7.8	7.7	7.4	7.3	7.2	7.0	6.9	6.8	6.6	6.6	6.5	6.3
400 x 88	8.7	8.6	8.3	8.2	8.0	7.8	7.7	7.6	7.3	7.3	7.2	7.0

Design Notes:

- Span table is for light roof loads only and does not cover girder truss or point loads. Hyne Design software can be utilised for these applications.
- Design deflection limit: Span/300 or 10mm maximum.
- Roof load width defined as 'loaded dimension' as per NZS3604.
- Spans listed are maximum allowable span in metres.
- Recommended lintel fixing 13.5kN (*7.5kN fixing, **Refer to IBuilt for 16kN fixing)

For additional loads or applications utilising Beam 16 please download the Hyne Design (HD) software from the IBuilt website.

www.ibuilt.co.nz

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