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I-BUILT 90 SIMPLE PRODUCT SPECIFICATION SHEET

I-Built 90 is a light weight Laminated Veneer Lumber product suitable for use in frame construction, as a lintel or a beam or joist. I-Built 90 provides a cost effective, light weight, solution. The 90 beam is designed to match New Zealand framing sizes. I-Built 90 is manufactured by Juken New Zealand Limited (an EWPPA certified mill) to meet the ANS/NZS 4357:2005 manufacturing standard for LVL. I-Built 90 is FSC certified and supplied Untreated or Treated to LOSP H3.

I-Built 90 LOSP treated beams are designed for limited exposure to weather. Beams should not be exposed to high moisture and must be contained within a building structure protected from the weather. The 90 beams are treated by certified treatment plants in accordance with AS/NZS 1604.2004 to meet NZS3602-2003 and achieve both a H1.2 and H3.1 treatment class. Treat end cuts with a solvent based preservative.

Sizes Available:

Depth:	225, 240, 250, 300, 356
Thickness:	88.00mm
Lengths:	3m, 3.6m, 4.2m, 4.8m 5.4m 6.0m, 6.6m, 7.2m & 9.6m)

Design Characteristics on Edge:	MoE: 10.7 GPa
	MoR: 43.0 MPa
	Shear: 3.8 MPa

Dimensional Tolerance:	Thickness: -0.0 / +3.0mm
	Depth: -0.0 / +1.0mm
	Length: -0 +50mm

Design tables are being developed for specific design requirements. Please contact New Zealand Wood Products.

