

TruLam®



Trulam® is structural Laminated Veneer Lumber. Manufactured from precisely graded veneers, it is well suited to the most demanding structural applications. Controlled factory conditions mean that TruLam® is manufactured to precise dimensional tolerances and standards.



Features and Benefits of TruLam®



Available in long lengths which are engineered for straightness, enabling more efficient material usage and reduced waste.



High strength values allow less material to be used through design when compared to solid timber and Glulam products



TruLam® Strength Vs Other Timber Products (based on MOE)

MOE (mean) N/mm²

TruLam®	14000	
C24 Timber	11000	TruLam = 27.3% Stronger
Glulam GL24H	11600	TruLam = 20.7% Stronger
Glulam GL28H	12600	TruLam = 11.1% Stronger

Environmental

We hold both PEFC and FSC Chain of Custody certificates. We believe we hold a duty to ensure the preservation of our global forest resource for the benefit of future generations

MBM Forest Products Ltd

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TruLam® Product Specification

TruLam® characteristics are equivalent to
ULTRALAM R & properties are derived from it's DoP.

TruLam® Harmonised Technical Specification EN 14374:2004

Essential Characteristics	Edgewise	Flatwise
Bending Strength	48 N/mm ²	50 N/mm ²
Size Effect Parameter	0.15	0.15
Tension Strength		
Parallel to grain	36 N/mm ²	36 N/mm ²
Perp to grain	0.9 N/mm ²	N/A
Compression Strength		
Parallel to grain	40 N/mm ²	40 N/mm ²
Perp to grain	7.5 N/mm ²	3.8 N/mm ²
Shear Strength	4.6 N/mm ²	3.2 N/mm ²
Modulus of Elasticity		
Parallel to grain	14000 N/mm ²	14000 N/mm ²
Parallel to grain (5%-fractile)	12000 N/mm ²	12000 N/mm ²
Shear Modulus	500 N/mm ²	500 N/mm ²
Density (5%-Fractile)	480kg/m ³	480kg/m ³
Reaction to fire class	D-s1, do	D-s1, do
Release of formaldehyde class	E1	E1
Durability class	4	4

TruLam® Standard Stock Sizes

Size	Pcs/Pk	12m
45 x 220	35	Yes
45 x 240	25	Yes
45 x 245	20	Yes
45 x 254	32	Yes
45 x 300	20	Yes
45 x 304	20	Yes
90 x 240	12	Yes
90 x 254	12	Yes
90 x 300	9	Yes
90 x 400	9	Yes

TruLam® Handling & Storage
TruLam LVL must be stored in dry conditions. Only then does it maintain its technical and dimensional characteristics.



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