

TES - PRODUCTS

Laminated Veneer Lumber (LVL)



Is the perfect alternative to F17 Hardwood. It provides consistent and reliable engineering properties and resists warping, twisting, bowing and crowning. **LVL** delivers more load-bearing capacity than typical grades of solid sawn timber, allowing for longer spans. Available in a variety of widths and lengths, **LVL** also allows for greater design flexibility over solid timber. This F17 equivalent **LVL** is now factory coated with a sealant to protect the product against moisture on site.



I-Joists



Are known for their cost effectiveness and value when it comes to size, strength, and reliability in comparison to other similar engineered timber products such as "Posi-Struts". Manufactured with a wide flange for greater stability and a larger nailing area, I-Joists offer exceptional performance and dependability. The **I-Joist** product line offers flanges made of either solid sawn timber or LVL to meet the needs of residential, commercial or industrial applications. All **I-Joists** in this extensive product line are backed by a Lifetime Limited Warranty.

Glue Laminated Beams (Glulam/Unilam)

Glue laminated beams are the environmentally friendly and more cost effective structural alternative to steel. They comprise of different strength group ratings and durability properties to allow them to be applicable in almost any construction application including internally, externally, structurally and decorative. **Glue Laminated Beams** can achieve great spans and have exceptional load bearing capabilities, as well as appearance features over traditional **LVL** and Steel products. All Laminated beams are appearance grade A (B grade also available), use locally sourced, Australian sustainable timbers and are AS1328 compliant and accredited through third party auditing procedures by the GLTAA.

We can supply the following types of Glulam:



GL10 (F11) Durabeam™
Australian White Cypress



GL13 (F14)
H3 Treated Available
Radiata Pine



GL13 (F14)
Douglas Fir Oregon



GL17 (F22)
H3 Treated Available
Slash Pine



GL18 (F27)
Vic Ash / Tas Oak



TES - PRODUCTS

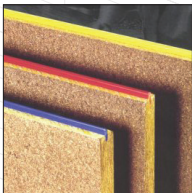
Curved Glue Laminated Beams



The flexibility of **Glue Laminated Beams** allows the designer's creative imagination to be realised. Factory made members can be formed into any practical shape and any desired size. Curved Beams, Cranked Beams, Complex Curves, Inverse Curves and Continuous Curved members, can be made specifically out of GL10 and GL13 Radiata Pine **Glue Laminated Beams** up to 32m long.



Yellow/Red/Blue Tongue/Plywood Flooring



- Yellow / Orange = 19mm
- Red = 22mm
- Blue = 25mm

Environmentally sustainable – All manufactured from Australian plantation pine.

Cypress/Pine Durapost ® SPLIT FREE POSTS



Incorporates the true heartwood for an ideal in ground and structural exterior post. **Durapost ® SPLIT FREE POSTS** are a part of the **GL10 Durabeam ®** range using the same plantation Australian White Cypress and unique patented techniques, **Durapost ® SPLIT FREE POSTS** can be manufactured to any size up to 300mm and are available in both solid and laminated options. **90x90mm posts** can be produced up to **6m** length (factory coated with Cutek CD50 Wood Preservative also available!) Radiata Pine post sections can also be made (H3 treated optional.)

Durapost ® SPLIT FREE POSTS are perfect in the application of pergolas, fencing, veranda and alfresco areas. They offer a much more appealing "A" grade finish to the traditional treated pine post and a service life of up to 25 years in ground and over 50 years above ground.

Timber Engineered Structures – Services

TES caters for a wide range of experienced timber issues such as; Product evaluation, all aspects of timber design, manufacturing applications, durability, class and service requirements, appropriate timber coatings and preservation techniques and issues, together with chain of custody compliance and even installation supervision.

We would be pleased to discuss your needs on request for your next building project and can also arrange appointment based consultation for your convenience so why not call us today.

