

The most frequently asked GLT questions.

Do it right. Ask for Hyne Timber.

While the term 'glue lamination' may not sound super sexy, when the natural strength of timber is intensified through our unique bonding processes, a truly beautiful thing happens and new creative possibilities are born. While we don't suggest ignoring the laws of physics, we do encourage pushing the boundaries and we do that with the full confidence of knowing that our GLT products can rise to any structural challenge.

WHERE CAN I USE GLT BEAMS?

Indoors and out. Think garage doors, lintels, deck joists and bearers.

LGL comes H3 treated as standard, and Beam 15 is available untreated, H2 or H3 treated. Beam 21 is a naturally durable, naturally termite and fire resistant BAL-29 rated product (Spotted Gum species only).

WHAT DOES IT DO?

Glue-laminated timber provides an environmentally sustainable and easy-to-use alternative to steel and LVL structural beams in long span / high load applications.

WHAT MAKES IT STRONG?

Our unique glue-lamination process. Mechanically Graded Pine (MGP) sections are meticulously arranged, pressed and heat treated to form a gravity-defying bond.

Beam 21 is produced from ultra dense hardwood providing unique strength characteristics.

CAN IT HOLD THE SAME LOAD AS A STEEL BEAM?

Yes. Timber has a great strength-to-weight ratio and can easily be used to substitute steel with the help of Hyne Timber's Design 7.5 software.

IS IT AS RELIABLE AS A STEEL BEAM?

Yes. Both steel and timber beams need to be specified, installed and maintained correctly to remain fit for purpose for the design life of the structure.

Europe and Asia have many examples of historic timber buildings remaining structurally sound after hundreds - even thousands of years.

DON'T LAMINATED BEAMS HAVE DURABILITY ISSUES?

No. Timber is a durable building material when designed, installed and maintained appropriately. Modern wood preservatives also significantly enhance natural durability of wood.

WHAT IS THE 'S' MARK ON YOUR PRODUCTS?

To provide you with another level of quality assurance, all our GLT products have been independently certified by an accredited third-party testing facility in accordance with the National Association of Testing Authorities (NATA). The 'S' Mark provides independent recognition of glue bond integrity in addition to GLT being manufactured to applicable standards under 'AS/NZ 1328.1:1998 Glue Laminated Structural Timber'.



AS/NZS 1328.1:98 Compliant

We craft for durability and our promise is just as strong as our product. Values of integrity, dependability and accountability underpin our business and that's why we've had our products certified by an independent third-party. The 'S' Mark scheme provides rigorous auditing of GLT glue-line bond processes and product documentation. (Licence No:2757)