hyFRAME®
THE LVL KITSET PORTAL FRAME SOLUTION
hyFRAME® KITSET PORTAL FRAME
SOLUTIONS ARE ENGINEERED FROM NEW
ZEALAND RENEWABLE RADIATA PINE
USING ONLY FUTUREBUILD® LAMINATED
VENEER LUMBER (LVL) BUILDING MATERIALS
MANUFACTURED AT OUR MARSDEN
POINT FACILITY.

hyFRAME® is supplied as fully engineered, prefabricated timber portal frames, designed for use as part of your total build system. These ready-to-order frame solutions are available in pre-designed 12 or 15 metre wide spans in 3.6, 4.2 or 4.8 metre clear heights with 6 metre bay increments. If the project is on an even bigger scale, we can accommodate: offering a free-of-charge framing quotation service making sure you get just what you’re after.

hyFRAME kitset portal-frame solutions are all made from Futurebuild LVL which itself is manufactured by applying glue, heat and pressure to rotary peeled pine veneers and laminating them together. Natural defects such as knots are minimised, and the grain direction of the veneers is specially optimised to enhance strength and rigidity. The result is a solid, uniformly consistent material that delivers proven structural reliability and can have significant cost advantages when used in portal frame structures. Futurebuild LVL is especially suitable for buildings where structural elements may be exposed to the caustic effects of chemical vapours (e.g., swimming pools, fertiliser sheds). And because it is made of wood, it is naturally resistant to corrosion. Portal frames constructed with LVL also have superior fire resistance compared with unprotected steel.

hyFRAME is the ideal framing solution for both rural and light commercial buildings, including all manner of shed requirements. The added flexibility of multiple height options, and extendable bays gives a hyFRAME kitset customer a practical solution which they can semi-customise to suit their particular needs. So, if your customer is looking to build warehouses, small scale factories, animal housing, transport depots, aircraft hangars, sports halls or community buildings, a Futurebuild hyFRAME will always be an exemplary choice.

THE hyFRAME® OFFER:

Our hyFRAME kitsets are available to provide builders, installers, shed providers and building merchants with a LVL framing kitset-like construction process to use as part of an overall building solution. Simply put, we provide all framing components and framing technical know-how creating the opportunity for the building merchants and fabricators to offer a complete, customisable building solution to customers.
WHY CHOOSE A hyFRAME® SOLUTION?

Look and feel
LVL provides a natural look and warmth that is a feature of wooden construction.

Keep it green
Made in New Zealand from New Zealand renewable plantation pine.

Corrosion resistance
hyFRAME is primarily made from timber and therefore largely unaffected by most acids and alkaline environments. When coupled with stainless steel fastenings (available on request), it provides an ideal solution suited for corrosive type applications such as fertiliser and compost storage.

Strength
LVL is an engineered wood product with high structural reliability and low variability that has a superior strength to weight ratio compared with hot-rolled steel.

Smart and fast
The kitset-like construction process ensures accuracy of assembly, can reduce build time and minimises the risk of construction errors compared to onsite fabrication. hyFRAME systems can be readily assembled in full bays on the ground then lifted into place, dramatically reducing the amount of work to be done at height whilst increasing site productivity.

Compliance
Futurebuild LVL is manufactured to AS/NZS 4357 and is JAS-ANZ accredited by the Engineered Wood Products Association of Australasia (EWPA).
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PORTAL FRAME SOLUTION

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