

the
futurebuild[®]
range

hyFRAME[®]
THE LVL KITSET
PORTAL FRAME
SOLUTION

FUTUREBUILD[®]
STRUCTURAL LVL

hy
ONE[®]

FUTUREBUILD[®]
STRUCTURAL LVL

hy
SPAN[®]

FUTUREBUILD[®]
LVL TRUSS CHORDS

hy
CHORD[®]

FUTUREBUILD[®]
STRUCTURAL LVL
BEAMS

hy
90[®]

FUTUREBUILD[®]
LVL ENGINEERED
I-JOISTS

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JOIST[®]

FUTUREBUILD[®]
LVL SCAFFOLD
PLANKS

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PLANK[®]

FUTUREBUILD[®]
LVL FORMWORK
BEAMS

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FORM[®]

FUTUREBUILD[®]
LVL FORMWORK
EDGE BOARDS

edge
FORM[®]

FUTUREBUILD® LVL BUILDING SYSTEMS

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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.

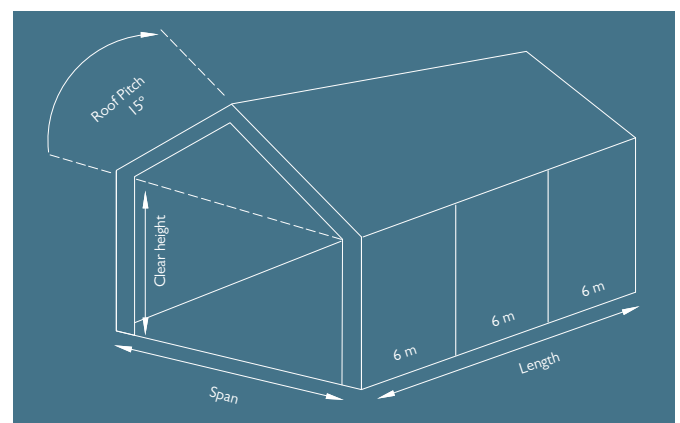
hyFRAME by Futurebuild® is supplied as fully engineered, prefabricated timber portal frames, designed for use as part of your total build system. These ready-to-order frame solutions are available in pre-designed 12 or 15 metre wide spans in 3.6, 4.2 or 4.8 metre clear heights with 6 metre bay increments. 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 (EWPAA).



hyFRAME® KITSETS AVAILABLE¹ TO ORDER:

	hyFRAME® 12 m Kitset	hyFRAME® 15 m Kitset
Span	12 m	15 m
Clear Height	3.6 m, 4.2 m and 4.8 m	3.6 m, 4.2 m and 4.8 m
Depth	6 m bay increments	6 m bay increments
Roof Pitch	15 degrees	15 degrees
Maximum Opening Width	6 m	6 m
Application	Framing suited for fully enclosed building	Framing suited for fully enclosed building

Included with all hyFRAME® kitsets:

- Structural drawings and calculations
- Waterproof on-site construction plans
- All timber components including:
 - Prefabricated portal frames
 - Purlins, blocking and lateral restraint
 - Girts and girt blocking
- End wall framing
- Bracing, footing brackets, purlin and girt brackets
- All fixings and fasteners required for on-site erection
- Technical assembly support
- Delivery to merchant

Note 1: Contact the Futurebuild Team to confirm suitability of hyFRAME for site specific conditions.

GOT THE hyFRAME® SORTED, WHAT ELSE DO I NEED?

As a builder, installer, or shed provider hyFRAME enables you, together with your preferred merchant to supply a fully integrated cost effective shed offer with relative ease. You can take the Futurebuild hyFRAME kitset solution and select your own preferred wall, floor or total offer to create a unique solution that you can specialise in.

The things worth considering when putting together your total customer solution:

- Concrete slab or alternative floors
- Mid floors or enclosed bays if required
- Resource consent requirements
- Architectural design and drawings
- Cladding
- Roofing
- Flashings
- Doors

Futurebuild can provide some technical insights in relation to finishing but recommend sites are finished with product best suited for each projects commercial application.



For more information or to discuss your own unique offer using hyFRAME: Get started today by contacting the Futurebuild technical team on 0800 585 244 or email info@futurebuild.co.nz.

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