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OPTIMISE YOUR MID-FLOOR WITH hyJOIST[®]

hyJOIST[®] by Futurebuild[®] LVL, consists of structural Laminated Veneer Lumber (LVL) flanges and a plywood web. Lightweight and easier than solid timber to work with, it can be substituted for SG8 timber (when supporting floor loads only). It will assist in producing a floor that is straighter, has a consistent performance level and is less likely to squeak.

Optimising your mid-floor layout using LVL provides many benefits to both builders and homeowners:

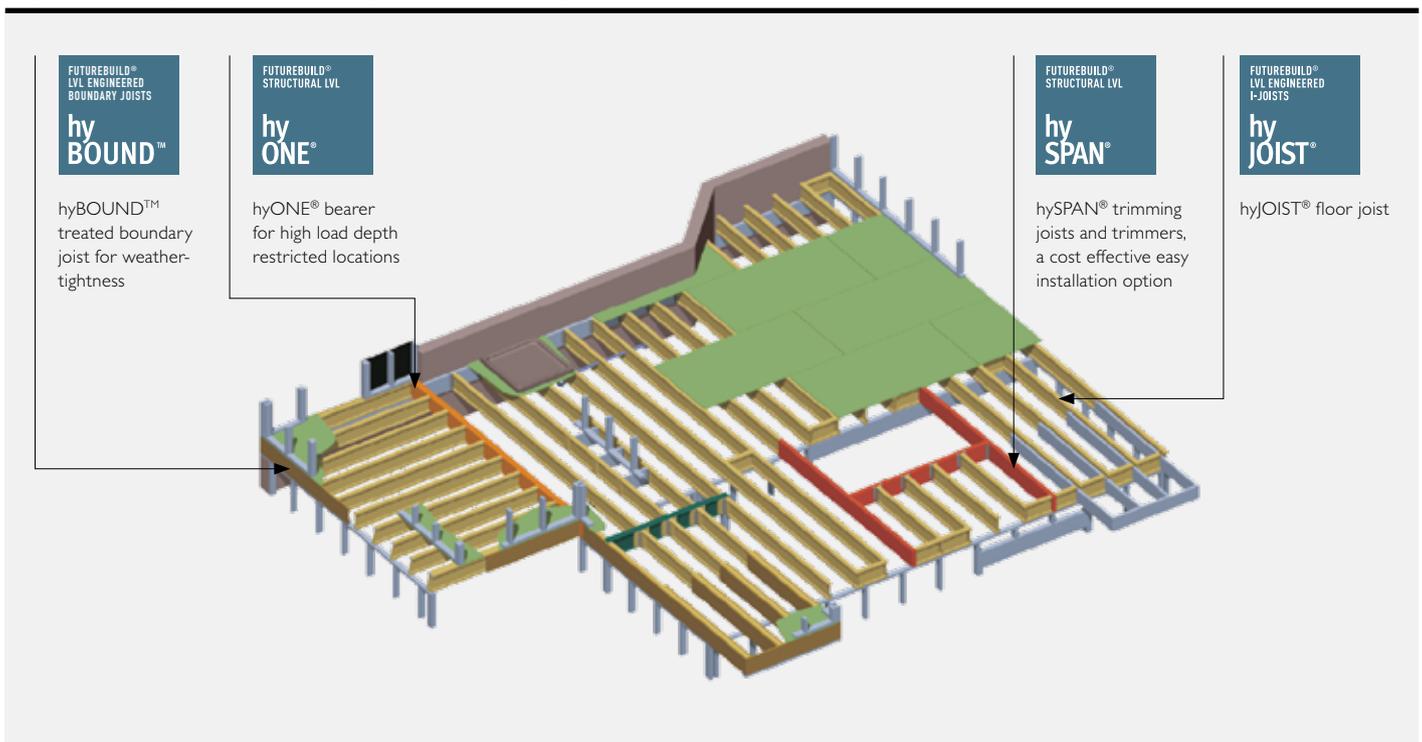
WHY BUILD WITH hyJOIST?

- **Easier fitting of services** - The hyJOIST plywood web allows for large holes for services without the need for reinforcement.
- **Ease of installation** - No packing or planing required, no mid-span blocking, saving time and money.
- **Precision** - Straight, uniform and dimensionally stable.
- **Longer lengths** - Available in longer lengths than standard timber – up to 13.2m. Provides continuous span opportunities.
- **Available in a range of sizes and depths** - 45mm, 63mm and 90mm wide options for optimised layouts and versatility.
- **Lightweight** - LVL is easy to handle, around 70% of the weight of equivalent solid timber joists.
- Technical Support and free, easy to use Apps and software from Futurebuild LVL.

WHAT'S IN IT FOR THE HOMEOWNER?

- **Support local** – New Zealand made product produced at our Marsden Point facility.
- **Reduced noise in floors** - LVL midfloors are less likely to squeak over time.
- **Build from a sustainable resource** - Futurebuild LVL is made from sustainably grown New Zealand plantation pine.

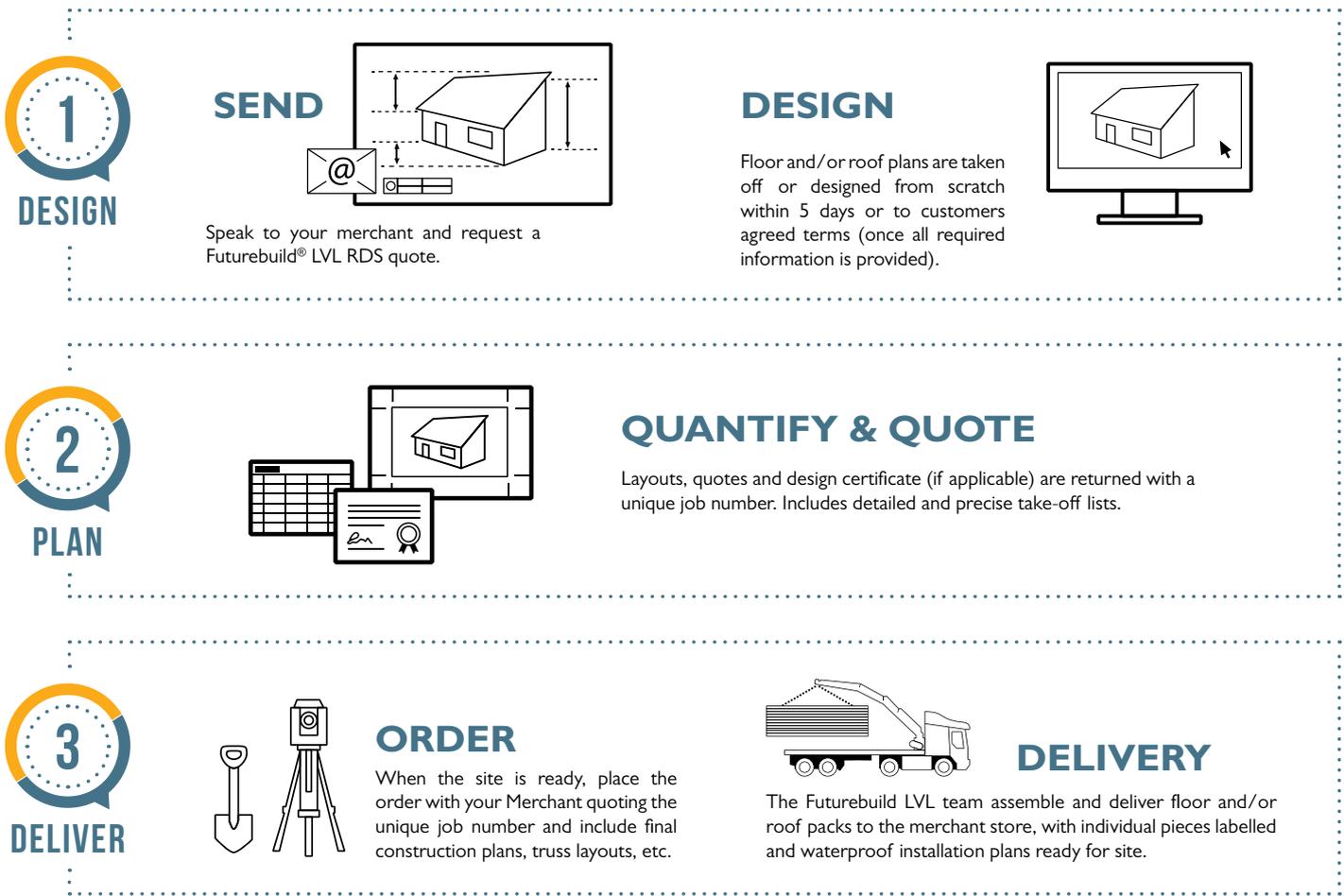
Figure 1: Components of an Engineered Floor System



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HOW DOES THE RESIDENTIAL DESIGN SERVICE (RDS) WORK?



TECHNICAL SUPPORT

Futurebuild LVL has a wide range of technical support functions to meet design, specification and installation needs, including easy to use and simple software and App solutions:

- Downloadable CAD details and comprehensive installation information available at www.futurebuild.co.nz.
- On-site phone support from Engineers and Architects - Phone 0800 808 131.
- designIT[®] Site App available for free download for web hole calculations and installation details on the go – visit www.chsoftware.co.nz.

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