

# IBUILT™

Building Systems

June 2013

## Structural Flooring Systems



# NZWOOD

NEW ZEALAND WOOD PRODUCTS LIMITED

## Why include IBuilt™ in your next project?

I-Built is the simpler, more reliable flooring system. Its high quality components have been specially designed to make it easier and faster to install while also giving you a superior, stiffer and stronger floor. The I-Built system will suit the project you are working on and you'll also receive the benefit of technical design support and after sales service from the expert IBuilt team.



### HYNBEAM 17C

- The heavy weight solution
- Used for main weight bearing beams including lintels, bearers and ridge beams
- Stiffer than other laminated beams of similar dimensions
- Manufactured from Australian slash pine



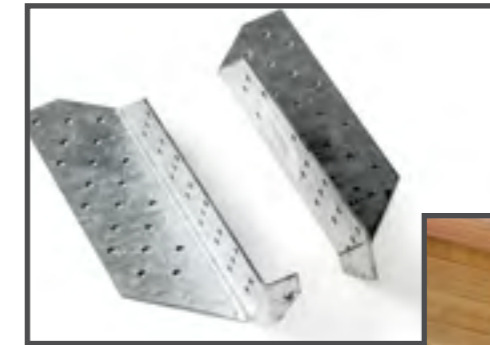
### LP SOLIDSTART I-BEAM

- Fast and easy to install
- Light weight
- Long lengths up to 12m
- Ability to cut large holes in the web which provide for ducting, plumbing and cabling



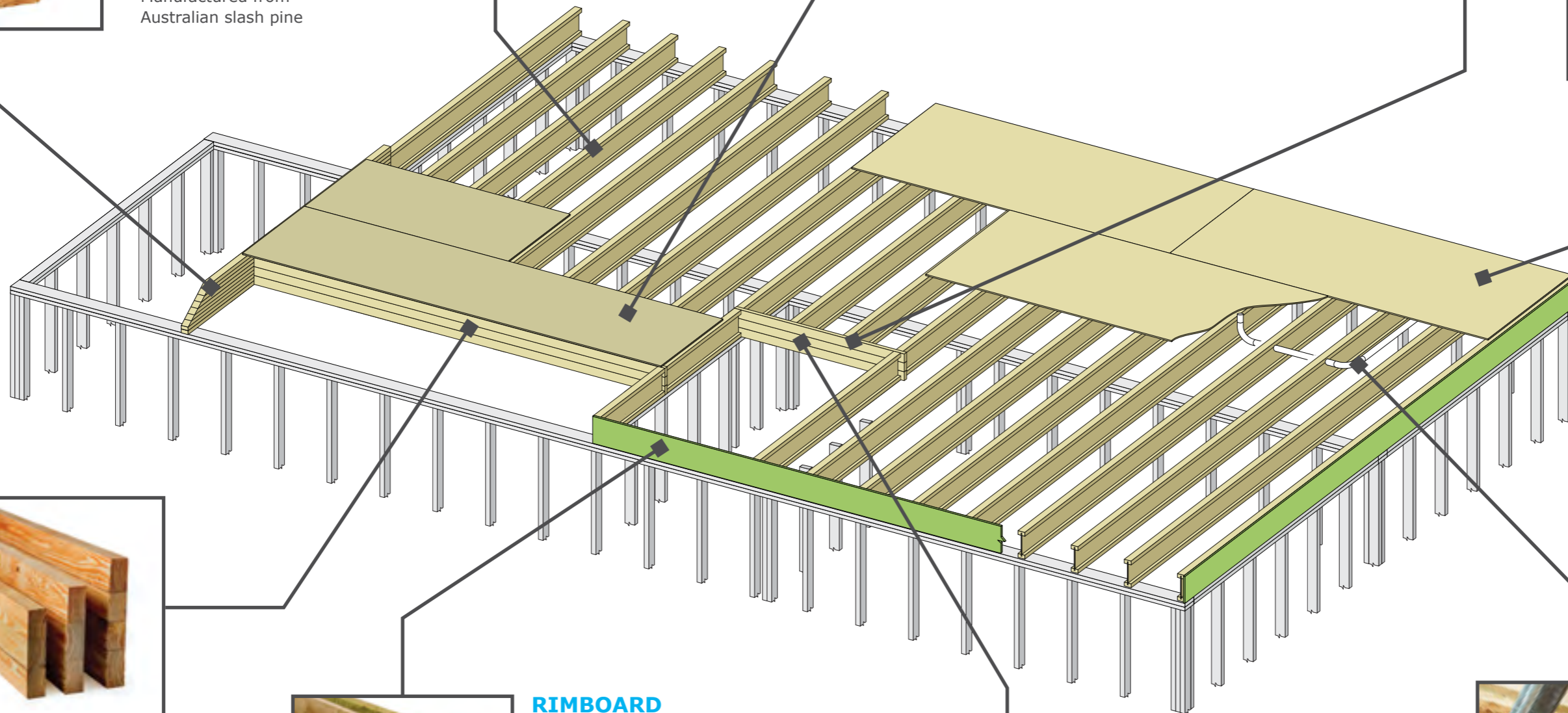
### STRANDFLOOR

- A cost effect solution
- Convenient 3600 x 800 panel
- Tongue and grooved, 20mm thick



### PRYDA HARDWARE

- Full range of Pryda Hangers, nails and screws are provided to match the I-Built range



### HYNBEAM EDGE BEAM / HYNBEAM LGL

- Laminated timber beam
- Ideal as a trimmer or lintel



### RIMBOARD

- LVL, LGL and plywood perimeter / boundary board
- Available in 21mm, 35mm and 45mm thickness
- A dimensionally stable perimeter board that will carry the load evenly



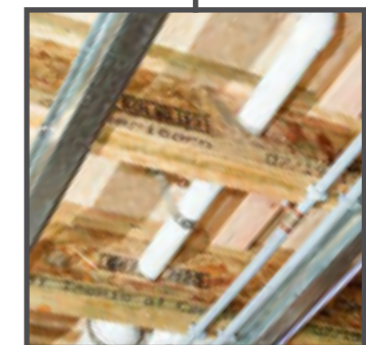
### LAMINATED VENEER LUMBER (LVL)

- Applications include: bearers, lintels, joists, rafters and rimboard
- Range of thicknesses- 35mm, 45mm, 63mm and 90mm (capability to provide up to 120mm)
- Range of engineered strength – MOE of 5.5, 9.0, 10.7, 13 and 15 MPa



### J-PLY PREMIUM PLYWOOD

- The strong stiff premium plywood solution
- Strength and durability of plywood
- Manufactured in NZ to ASNZS2269:2004
- Available in 2.4, 2.7 and 3m lengths
- F8, F11 and F14 structural rating



### SERVICES

Large diameter holes can be accommodated through the I-Beam web providing versatility and ease of installation for plumbing, ducting and electrical wiring.

## I-Built™ the package for you?

Whether you are helping clients choose their flooring system, in the process of designing a new home or extension, or about to install a new floor, I-Built is the best choice. A complete mid-floor or individual beam solution, I-Built is the faster, easier and more reliable option. It gives you simplicity, reliability and strength.

### Detailing and design

With I-Built, you get so much more than a premium building system at affordable prices - you'll also receive design and detailing support. We can provide you with a fully-annotated drawing or layout with all the components labelled. This information can be invaluable when applying for consents, when helping clients choose the right products and to make the installation process seamless. Our in-depth product knowledge can also come in handy during the design phase - we can help you use the I-Built system to exactly fit your brief and give you maximum quality and cost efficiency.

### Save time, money and materials

The I-Built system is designed to be lightweight, easy to handle and offers reduced on-site waste, efficient use of materials and easier installation of services.

### A premium flooring solution from one source

With the I-Built system you'll have the best combination of materials at exactly the right quantities for your project. It combines the Hyne range of high-performance glue-laminated beams with SolidStart I-Beam from Louisiana Pacific and LVL from Nelson Pine. This means all the hard work has been done for you and you get the whole floor engineered and supplied from one source.

### Superior performance

With I-Built, you know your clients will get a better result. The high-quality components and superior design mean reduced deflection, better stability, minimal bounce and a floor that is straight and true.

### Recommended flooring J-Ply or Strandfloor:

J-Ply is the premium solution for a rock solid floor. J-Ply is available in panel lengths of 2.4m, 2.7m and 3.0m and structural ratings of F8, F11 or F14. J-Ply is New Zealand made and independently audited by the EWPA. Strandfloor provides a cost effective panel, available in sheets up to 3.6m long.

### Adhesives

New Zealand Wood Products recommends the following adhesives for bonding of H3 Plywood/Strandfloor:

#### Timber Framing

- Holdfast Gorilla Grip 2Hr Construction Adhesive, a continuous bead (5mm x 5mm)
- Holdfast Gorilla Nailpower Construction Adhesive, a continuous 30mm bead applied along the joists



**Make your next flooring specification I-Built - call the team at NZWOOD to talk about the high-quality I-Built flooring system on 0800-022-352**

# NZWOOD

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