



Robinson Manufacturing Limited

JJI-Joists

www.robinsonmanufacturing.co.uk



JJI-Joists

Through the use of bespoke dedicated software, JJI-Joists can be specified and engineered to exacting standards, for applications including floors and roofs of both domestic and commercial buildings. JJI-Joists are part of a comprehensive building system and are complemented by Glulam and metal connectors.

>> The JJI-Joist System

The JJI-Joist system relies on a unique combination of engineered products designed to complement each other and deliver outstanding performance.

JJI-Joists

The work horse of the system, a versatile lightweight structural member ideal for floor joists, rafters, purlins and wall studs.



BJ-Beam

For the most demanding applications, high strength and stiffness combined with dimensional stability make this the ideal choice for heavily loaded members in floors, roofs and walls.

Metalwork

The key to making the system work is being able to connect everything together. A comprehensive range of connectors designed specifically for the JJI-Joist system are available from two approved suppliers.



>> JJI-Joists

A JJI-Joist is a composite engineered timber joist combining 45mm deep high-grade finger jointed softwood flanges with a 9mm thick oriented strand board web. Four flange widths are available at 45, 60, 72 and 97mm wide.

These materials have different specific properties and, by combining these two materials in this way to form a composite section, you can use the strengths of each one where it is needed most.

>> Advantages

JJI-Joists are designed to give a superior strength to weight ratio enabling the manufacture of longer and lighter structural members. The JJI-Joist with a softwood flange:

- Is capable of spanning longer distances
- Is easier to handle
- Is easier to fix and nail
- Is not prone to splitting and delamination
- Is quicker to install
- Is extremely stable
- Reduces building maintenance
- Provides a less complex design solution
- Is simple to specify using superior software
- Has Part E compliant details available
- Is FSC accredited
- Has a BRE Environmental Profile



The JJ-Joist system relies on a unique combination of engineered products designed to complement each other and deliver outstanding performance.



>> Quality Matters

JJI-Joists are manufactured under the strictest quality and environmental standards. The range is manufactured to UK sizes and specifications and is available on a Just-in-Time basis. A Life Cycle Assessment has been carried out to ensure full sustainability and environmental compliance.



>> JJ-IntelliRoof™

JJ-IntelliRoof™ is a fully engineered panelised solution for fast on-site erection of a fully decked, insulated, watertight, braced Room in Roof. The system is independent of the building construction method and can be used with traditional masonry construction or timber frame with equal ease.

The system consists of lightweight pre-fabricated cassettes to form the floor followed by standard timber frame spandrel panels up to ceiling level. A top hat section is then assembled at ground level and lifted into place on top of the spandrels resulting in a sub-structure ready to receive the roof cassettes.

For further information about JJI-Joists or the JJ-IntelliRoof™ system please contact RML on 01933 272916.



Robinson Manufacturing adopts a responsible management policy to minimise the effects our activities have on the environment. Our production facilities are designed to minimise waste material and we meet and exceed required legislation for recycling and limiting harmful emissions.

The timber supplied and used in all our products is obtained from sustainable sources and these components are both recyclable and bio-degradable. We will not use prohibited species and will only supply timber from legal sources.



**Robinson
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Limited**



**James Jones
& SONS LIMITED**