

Case Study Forestry Commission, Smithton, Inverness



JJI-Joists were used extensively throughout the project as specified by the architect whilst the detailed design was completed by the project engineer.

The design remit was to use as much locally sourced material as possible, to produce a building which had both environmentally sound credentials and was of sustainable construction.

The length of the building lent itself to the use of 12 metre JJI-Joists in the ground floor and roof constructions substantially reducing installation times.

This was one of the most complex JJI-Joist design projects that the timber frame manufacturer, who were also a JJI-Joist distributor, have supplied. But thanks to the team work between them, the main contractor and architect, it resulted in a very smooth and problem free installation.

The ground floor comprised of 1700 metres of JJI-195D as did the roof purlins whilst the external walls used 2000 metres of the same product. The first floor joists used 750metres of JJI-300B.



JJI-195D floor joists



Ground, first and roof joists

-17483 kg CO₂ is the amount of CO₂ saved using JJI-Joists. Find out more at: jamesjones.co.uk/pas-2050

CLIENT	FORESTRY COMMISSION
ENGINEERED WOOD SUPPLIER	ROOF TRUSS COMPANY
TIMBER FRAMER	ROOF TRUSS COMPANY
CONTRACTOR	MM MILLER
ARCHITECT	HRI ARCHITECTS
ENGINEER	WA FAIRHURST & PARTNERS

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JJI-Joists are the UK's market-leading I-Joist and the brand most specified by architects. JJI-Joists are the only UK manufactured I-Joist with FSC Certification and a carbon negative impact figure to PAS:2050 standards



JJI-Joists are capable of large spans. They are light-weight, long and strong. Suitable for floors, walls and roof projects

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

