Designed by Roderick James Architects LLP, the ‘Mill Store’ visitor centre comprises 700m² of floor space - complete with café, commercial kitchen, shop and small conference facilities. This building features alongside a unique example of a 19th century flour mill that straddles the River Ivel. This historic Mill, home to the Jordan family for over 150 years, was revolutionary for its time and following a fire at the mill in the late 1800s, brought about a change from traditional stone milling to metal roller mills. This technological leap enabled the mill to increase production significantly and helped Jordans Mill to become one of the leading producers of flour in the region.

The scheme is based around a structural green oak frame, supplied and erected by Westwind Oak Buildings Ltd, and is wrapped in SIPs panels supplied and installed by SIPs Industries Ltd. SIPs Industries also installed the JJI-Joists, which make up the first floor structure, with these joists specified for their strength, stiffness and increased span, as well as their low weight-to-size ratio and the ability to quickly and easily drill service holes.

Matthew Korny of Robinson Manufacturing, who did the detail design of the JJI-Joist floor section, said about the job: “This project was particularly interesting to us due to the prestigious nature of the development and also the challenges it provided to us as JJI-Joist designers. We were keen to be involved especially as the building would be open to the public and was in a fantastic location of natural and historical interest. The fact that there were a number of different load combinations of up to 6.5kn/m², bearing onto different surfaces such as solid oak and flitch beams, provided an interesting challenge, but one which the James Jones software and product provided a perfect solution.”

<table>
<thead>
<tr>
<th>CLIENT</th>
<th>JORDANS MILL</th>
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</thead>
<tbody>
<tr>
<td>ENGINEERED WOOD SUPPLIER</td>
<td>ROBINSON MANUFACTURING LTD</td>
</tr>
<tr>
<td>JJI-JOISTS</td>
<td>300A+ 300B+ 300C 300D</td>
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<tr>
<td>CONTRACTOR</td>
<td>MOLINA PROJECTS</td>
</tr>
<tr>
<td>ARCHITECT</td>
<td>RODERICK JAMES ARCHITECTS LLP</td>
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</tbody>
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Greshop Industrial Estate, Forres, Moray. IV36 2GW  
Tel: 01309 671111  
www.jamesjones.co.uk/ewp  
April 2015
The JJI-Joist system relies on a unique combination of engineered products designed to complement each other and deliver outstanding performance.

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

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.

Images courtesy of Nigel Briden, Roderick James Architects & James Jones & Sons Ltd.

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