

# Robert Burns Museum

## JJI-Joists Case Study



The visitor centre at Burn's birthplace in Alloway with distinctive wave-shaped roof



Robert Burns 25th January 1759 – 21st July 1796

- The construction of a new, world class, state of the art museum in memory of the great Robert Burns
- Building frame constructed using locally sourced Douglas Fir supplied by Carpenter Oak & Woodland
- Incorporating JJI-Joists and BJ-Beams throughout the ground, first floor and roof structures
- Stunning modern design including a striking wave-shaped roof
- Project supported by the National Trust, Heritage Lottery Fund, Scottish Enterprise, South Ayrshire Council and the Scottish Government



Entrance formed with locally sourced Douglas Fir

<b>Client</b>	National Trust for Scotland
<b>Architect</b>	Simpson & Brown
<b>Engineer</b>	Buro Happold
<b>Contractor</b>	Border Construction
<b>Engineered Timber Supply</b>	James Jones & Sons TSD through Alexanders Timber Design
<b>JJI-Joists</b>	5700 lm (220A, C, D, 300B, 350C+D, 400C+D)
<b>Triboard</b>	1400 m <sup>2</sup>
<b>BJ Beam</b>	170 lm (45 x 195mm, 38 x 300mm)
<b>Project value</b>	£21M

