Components
I-Beams

Components
WJ Group

I-Beam Specification Sheets
Engineered Timber Solutions for Building Structures

WJ GROUP - Over a decade of certified timber engineering and treatment.

- Roof Trusses
- Stud Walls
- Glulam Alternative

www.wj-group.co.uk

**WJ Group, 1A Main Street,
Kirkburn , Driffield, YO25 9DU
T: 01377 796001
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Components
I-Beams

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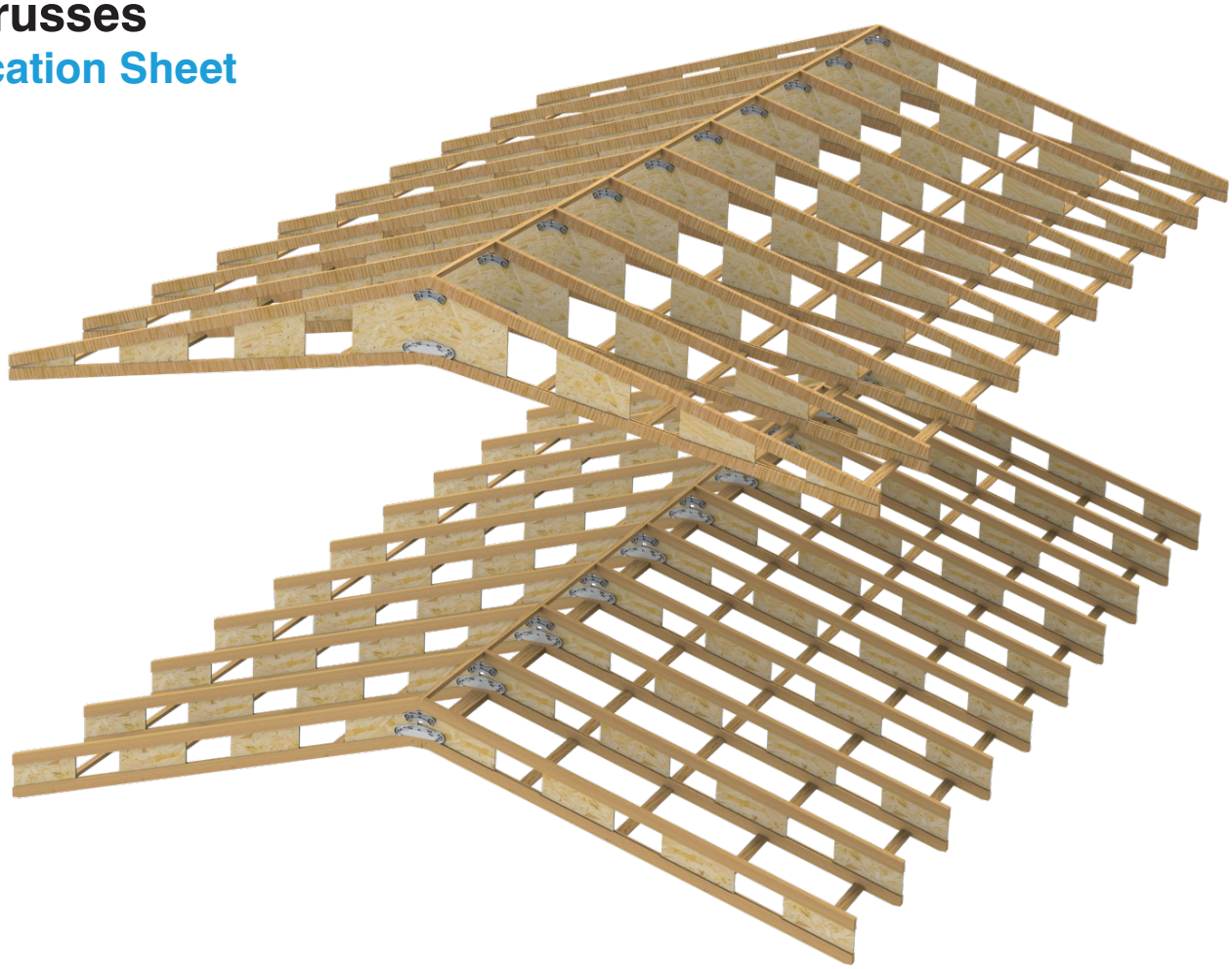
Roof Trusses
Specification Sheet



Features

- Allows for greater internal ceiling height.
- Excellent thermal bridging Qualities.
- Improved structural stability (warping, bending twisting) over conventional truss design.
- Service holes can be specified as required.
- Can be utilized with Glulam beams to produce different pitch twin unit roofs.
- Weight reduction versus solid timbers & conventional trusses.
- Can be combined with ConnectWright connector system.
- Is less susceptible to market forces than graded timber trusses.
- ConnectWright system patent applied GB2206899.3
- All connection products made from recycled materials.

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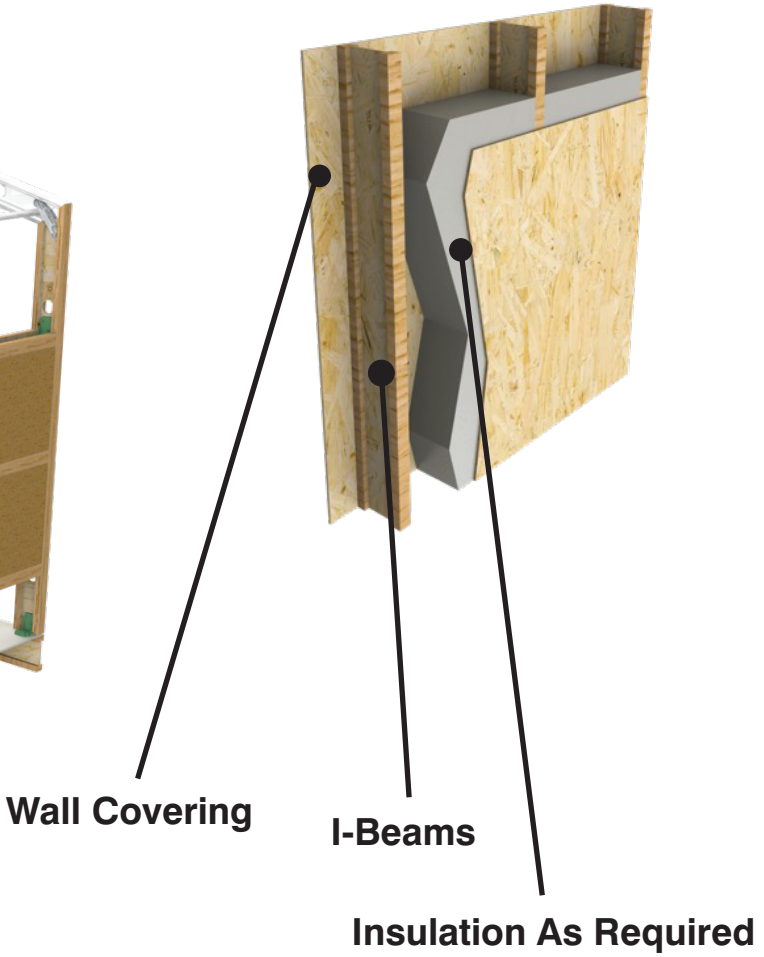
Stud Walls
Specification Sheet

Features

- Excellent thermal bridging Qualities
- Improved structural stability (warping, bending twisting) over standard stub wall timber.
- Weight reduction of between 34-41% over timber with comparable structural specification.
- Can be produced in standard lengths or cut to size / shape as required.
- Increased wall thickness to comply with BS3632



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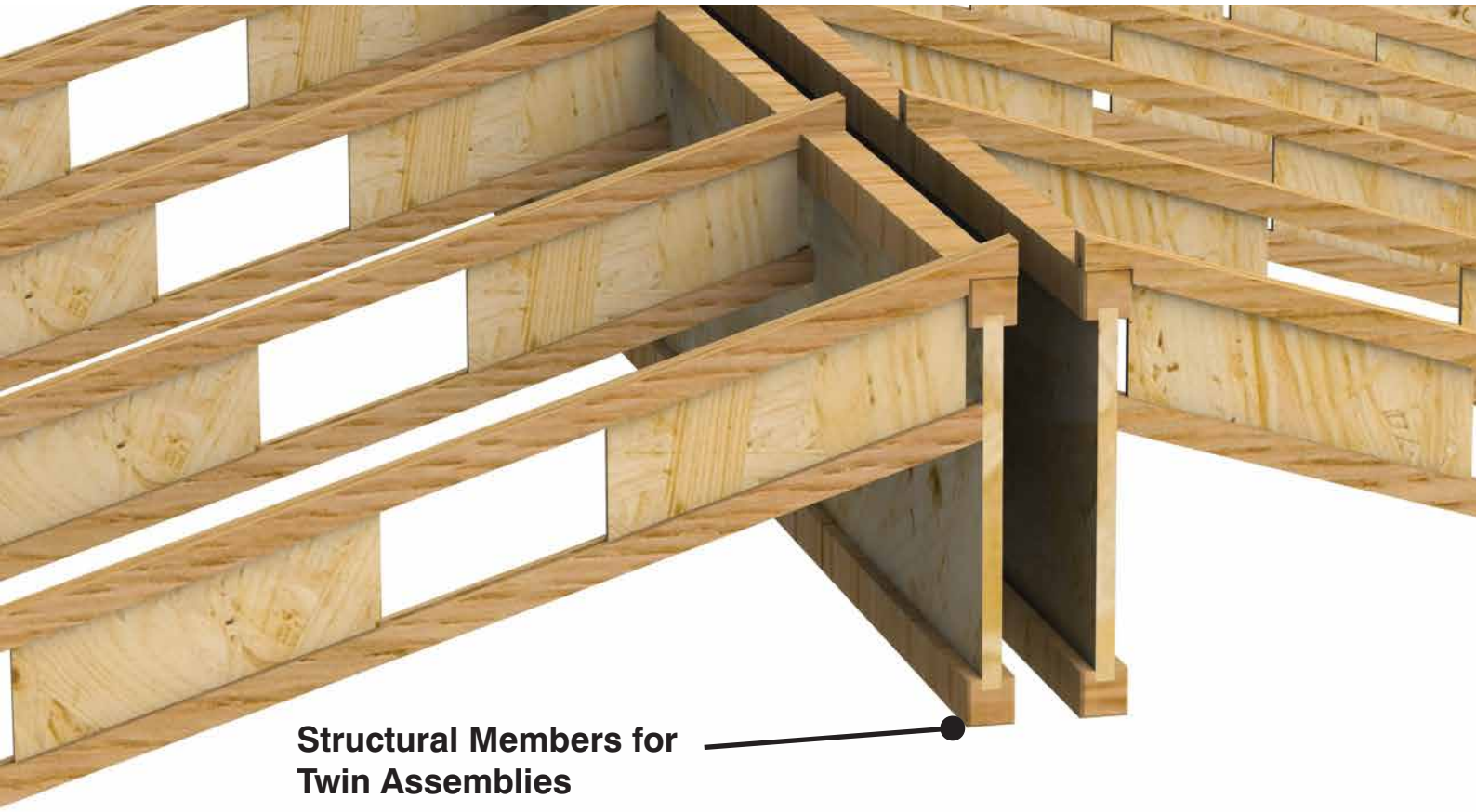
Glulam Alternative
Specification Sheet



Structural Members for
Twin Assemblies

Alternitive Fixing Methods

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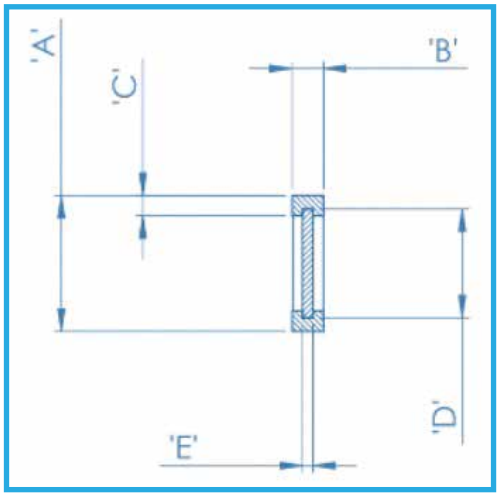
I-Beams
Specification Sheet

Standard Range

	DIMENSION				
Style	A’	B’	C’	D’	E’
0	633	52	43	023	01
6	003	43	43	13	03
4	413	73	23	643	07
5	613	43	43	603	03
1	603	43	43	083	03
2	003	23	63	93	9
8	041	43	43	91	9



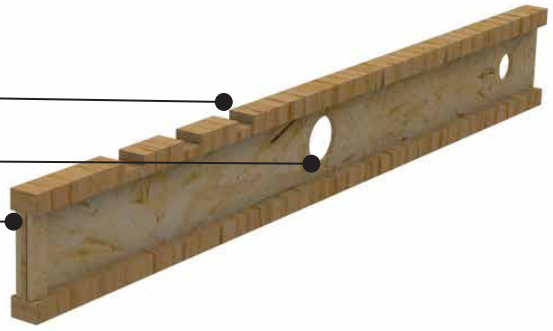
Lengths up to 13m are available.

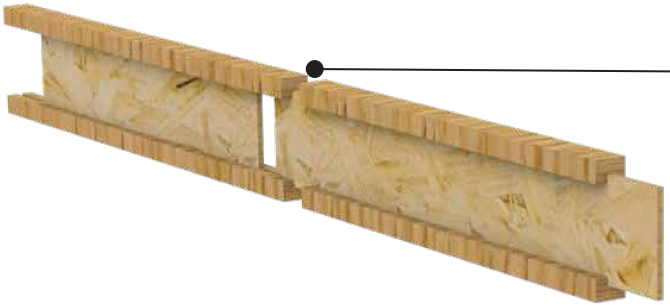
Other styles are available upon request. The lead-time for bespoke designs may be longer than for the standard range shown above.

Notches For Batons

Holes For Utilities

Reinforced Ends





Stepped profiles for longer lengths if required

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