



Kiln Dried C16 Strength Graded Carcassing



James Jones & Sons is Britain's leading independent timber processing company and is one of the largest producers of Kiln Dried machine strength graded carcassing in the country.

Whatever your structural carcassing requirements, you can rest assured James Jones & Sons can deliver.

As the UK's leading supplier of J-Joists (planed all round+eased corners), we offer:

- FSC mixed 70% TT-COC-1503
- Full range of KD, C16 strength graded structural carcassing
- Comprehensive stock-holding – in both untreated & Tanalith® "E" / Osmose® AC500 treated (UC3.2).
- Immediate delivery, direct from stock
- 'Pick a Pack' facility for maximum convenience
- Consistent quality – in every pack
- Package wrapped five sides for maximum protection
- 47 x 50/75 J Joist sections "quarter-packed" to maintain material integrity
- Compliance with current European standards
- Expert advice & assistance





Kiln Dried C16 Strength Graded, J-Joists (Planed+Eased)

finished dimension shown in italics

mm	100	125	150	175	200	225
	<i>97</i>	<i>120</i>	<i>145</i>	<i>170</i>	<i>195</i>	<i>220</i>
47 (44)	✓	✓	✓	✓	✓	✓
75 (72)	✓		✓	✓	✓	✓

Kiln Dried, First Quality Ungraded, J-Joists (Planed+Eased)

finished dimension shown in italics

mm	50	75	100
	<i>45</i>	<i>72</i>	<i>97</i>
47 (44)	✓	✓	
75 (72)			✓

Kiln Dried, First Quality Ungraded, SAWN

mm	50	75	100
38	✓		
47	✓	✓	
75			✓

Span tables for Kiln Dried C16 Strength Graded timbers of British origin for domestic floor joists – (Imposed load 1.5kN/m²) Planed condition.

Size of joist	Dead load (kN/m ²) excluding self-weight of joist								
	Not more than 0.25			> 0.25 but < 0.50			> 0.50 but < 0.75		
	400	450	600	400	450	600	400	450	600
Maximum clear span of joist (m)									
44 x 120	2.50	2.40	2.17	2.39	2.29	2.03	2.29	2.20	1.91
44 x 145	3.05	2.93	2.62	2.91	2.79	2.45	2.79	2.67	2.30
44 x 170	3.59	3.45	3.07	3.43	3.29	2.86	3.29	3.12	2.69
44 x 195	4.13	3.97	3.50	3.95	3.79	3.27	3.79	3.57	3.08
44 x 220	4.65	4.49	3.94	4.47	4.26	3.68	4.26	4.01	3.46
72 x 195	4.80	4.66	4.26	4.64	4.49	4.07	4.49	4.31	3.90
72 x 220	5.27	5.11	4.75	5.09	4.94	4.59	4.94	4.80	4.42

Disclaimer: No responsibility can be taken for the accuracy of the above information. For exact tolerances and permissible loads, please consult a structural engineer.