

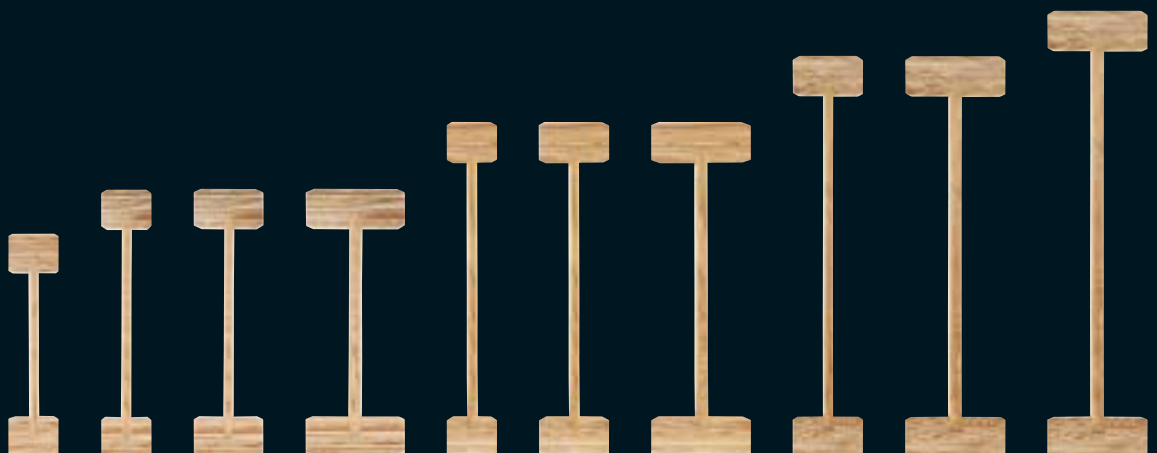
ENGINEERED
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hyJOIST











**BIG CHOICE.
BETTER JOIST.
NEW HYJOIST.**





New Hyjoist® has all the benefits and capabilities of Hybeam® in ten new section sizes. The new Hyjoist range now supersedes Hybeam giving you more options for designing economical floor joist layouts. A big choice and a better floor joist, what more could you ask for?

Hyjoist selection guide

OVERALL DEPTH (mm)	CLEAR DISTANCE BETWEEN FLANGES	DIMENSIONS FOR DETAILING			HYJOIST SECTION CODE	WEIGHT OF 5 METRE LENGTH	MAXIMUM HOLE SIZE FOR SERVICES ²	APPLICABILITY FOR SPAN					
		FLANGE WIDTH (mm)						SINGLE SPAN JOIST SPACING (mm)	CONTINUOUS SPAN		BALCONY CANTILEVER ³		
		45	63	90					450	600	450	600	450
		18	27	39			RECOMMENDED SPAN RANGE - m						
200	125	 HJ200 45			HJ200 45	14.5 kg	125 mm	3.5 to 3.8	3.1 to 3.6	4.0 to 4.5	3.7 to 4.2	1.0	0.9
240	165	 HJ240 45			HJ240 45	15.3 kg	165 mm	3.8 to 4.5	3.5 to 4.2	4.5 to 5.1	4.2 to 4.7	1.2	1.0
		 HJ240 63			HJ240 63	19.4 kg		4.4 to 4.9	4.0 to 4.5	5.0 to 5.5	4.5 to 5.1	1.3	1.2
		 HJ240 90			HJ240 90	27.3 kg		4.9 to 5.4	4.5 to 5.0	5.6 to 6.1	5.1 to 5.6	1.5	1.4
300	225	 HJ300 45			HJ300 45	16.9 kg	225 mm	4.6 to 5.1	4.3 to 4.7	5.1 to 5.8	4.6 to 5.4	1.4	1.3
		 HJ300 63			HJ300 63	21.0 kg		5.0 to 5.5	4.6 to 5.1	5.6 to 6.3	5.2 to 5.8	1.5	1.4
		 HJ300 90			HJ300 90	29.4 kg		5.6 to 6.1	5.2 to 5.7	6.4 to 7.0	5.9 to 6.4	1.7	1.6
360	285	 HJ360 63			HJ360 63	22.6 kg	285 mm	5.6 to 6.2	5.2 to 5.7	6.3 to 6.8	5.6 to 6.0	1.7	1.6
		 HJ360 90			HJ360 90	31.5 kg		6.3 to 6.8	5.8 to 6.3	7.2 to 7.8	6.7 to 7.1	1.9	1.8
400	325	 HJ400 90			HJ400 90	32.9 kg	325 mm	6.8 to 7.2	6.3 to 6.7	7.6 to 7.9	6.7 to 7.1	2.0	1.9

More options for more economical floor joist layouts

Select the **economy section (HJ240 45, HJ300 45 & HJ360 63)** of appropriate depth to accommodate the spans of the main area of the floor. Cater for any larger spans in the floor area using the wider flange options of corresponding depth.

'Same old' quality and performance associated with Hybeam

- **Technical support** – experienced engineering support, simply call 1800 808 131 – 'on-the-ground' specialist technical representatives, willing and able to help
- **Responsible conservative design** – 'maintaining the standard for consistency of performance'
- **'Off the shelf' convenience** – readily available, ex stock via a comprehensive distribution network, simply cut to length and install
- **H2-S termite protected** – 'protected to the core' (optional) termite protection applicable for areas of Australia south of the Tropic of Capricorn
- **Product quality** – Plywood Association of Australasia 'Product Certified' for peace of mind



Designing with Hyjoist

The 'Hyjoist selection guide' above, summarises the key parameters involved in the selection of appropriate joist sections.

For more detailed information either refer to the 'Hyjoist Options Range Design Guide' or designIT® software. Use of designIT will provide a wider range of options and allow more optimum design. Keeping your designIT up-to-date is easy using the 'Check for Updates' feature contained in the Help Menu. The latest version is available on our website and includes options for designing with Hyjoist.

Installation of Hyjoist

Hyjoist is strong, light and easy to work with on-site. Details for installation of Hyjoist are contained in a separate publication 'Hyjoist Guide for Installation'.

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