eXtreme Joist H4

Innovative Timber Ideas

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MORE INFO

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eXtreme Timber products use a blend of new technology and time-proven methods to create timber products that perform in the extreme Australian environment.

eXtreme Joist is perfect for those sleek, low-to-ground decks. Using radiata pine which is one of the most versatile building products available on the market while boasting H4 Copper Azole treatment protecting it from insect and fungal decay. The H4 Treatment by Lonza in eXtreme Joist utilizes BARamine® technology for improved penetration in the wood which equals better protection.

What applications are H4 eXtreme joist for?

When decking is less than 400mm off the ground, additional consideration to ensure adequate performance and service life of the timber is required. This includes increased ventilation, sub-surface drainage, and increased timber durability/preservative treatment. Any framing timbers on the ground or lower than 150mm are required to be termite resistant and in-ground durability Class 1 or preservative treated to H4 or better.

Descripton	Length
44x44 eXtreme Joist F7 DAR Primed H4	5.4m
68x44 eXtreme Joist F7 DAR Primed H4	5.4m
88x44 eXtreme Joist F7 DAR Primed H4	5.4m, 6.0m
138x44 eXtreme Joist F7 DAR Primed H4	5.4m, 6.0m



Single Span Residential 2.0kPa

Joist Centres				
Joist size	300	350	400	450
44x44	250	250	250	250
68x44	640	600	600	600
88x44	1300	1190	1100	1050
138x44	2710	2590	2430	2320

Continuous Span Residential 2.0kPa

Joist Centres				
Joist size	300	350	400	450
44x44	250	250	250	250
68x44	900	830	780	750
88x44	1930	1710	1570	1470
138x44	3320	3080	2890	2720

Preparations

It is important that the ground beneath a deck is completely cleared of all building rubbish, garden debris and obstructions to water or air movement. Water must not be able to pool under the deck and the ground must be sloped away from the foundations of the house. Agricultural drainage pipes may be required in some instances so water can properly flow away from beneath the deck.

Even though eXtreme Joist are H4 treated, it should not be subject to permanent contact with fresh water, if the timber will be in permanent contact you will require H5 or higher.

When on ground, It is best practice to install your joists/bearers onto pedestals or packers to allow for cross flow ventilation under the sub frame. This will also limit the chance of trapping water under your deck

Plastic sheeting acting as a waterproof membrane should be placed on the cleared ground. If timber bearers are to be placed directly on the ground, the plastic sheet should be covered with compacted gravel or sand to provide a solid base.

AUSTRALIAN COMPLIANT STANDARDS

NATXJ412 0323

Please visit the website for the eXtreme Joist Installation Guide

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