HUME DOORS & TIMBER

100% Australian Owned

Pinetrim XT®

H3 LOSP Pre-Primed Structural Beams, Bearers, Joists & Rafters

JANUARY

2024

TECHNICAL MANUAL: F7 | GL8

HUME DOORS & TIMBER 25 YR MANUFACTURER'S GUARANTEE F7 GL8 Treatment: 25 years

HUME DOORS & TIMBER 15 YR MANUFACTURER'S WARRANRY F7 GL8 Paint: 15 years

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PRODUCT INFORMATION, INSTALLATION & USE

Pinetrim XT®

H3 LOSP Pre-Primed Structural Beams, Bearers, Joists & Rafters

Pinetrim XT® F7 and GL8 comprises a full range of timber for your structural requirements. This product has been designed in conjunction with all required building practices for external deck, pergola, patio and gazebo projects.

Pinetrim XT® F7 and GL8 products are manufactured from finger jointed, glue laminated Radiata Pine timber that has been treated to H3.1 — meaning that it is suitable for external above ground use.

Points to Consider:

General Information:

- Site-specific conditions, wind zone, corrosion, proximity to relevant boundaries;
- The existing building — such as structural performance;
- Anything else relevant to the project.

Installation

- Prepare boards by priming all cut ends with two coats of premium alkyd/oil based exterior enamel, or 100% acrylic exterior gloss paint.
- Fill all nail holes with filler, then sand and prime.
- For optimal performance, prime boards prior to installation.
- Finish with a minimum of two coats of a high-grade alkyd/oil based exterior enamel, or 100% acrylic exterior gloss paint.
- Avoid dark colours. Only specify colours with an LRV of 45 or higher.

On Site Storage

- Store flat, covered and 150mm off the ground to maintain the desired moisture content.

Treatment Level & Guarantee

- Pinetrim XT F7 and GL8 products are treated to a H3 level for prevention of fungal, rot and Termite attack.
- Pinetrim XT F7 and GL8 is treated to Australian standard AS 1604.1.2012.
- Pinetrim XT F7 and GL8 is treated using Australian certified and registered treatment facilities.
- Pinetrim XT F7 and GL8 carries a 25 year guarantee, as further outlined in the Warranty section.

Care & Maintenance

- Wash down at least annually, using a mild detergent and a soft brush. During annual check, remove moss, mould and mildew, and fix cracks and flashings as necessary.
- Recoat every 5–7 years with two coats of exterior acrylic topcoat or as per paint manufacturer's recommendations.

Hume Safety

- Ventilated working areas.
- PPE (personal protective equipment).
- Correct tools for the job.

PRODUCT INFORMATION, INSTALLATION & USE

Information For Installers

Skills Required

Hume Doors & Timber recommend any structural work be undertaken by a licenced builder.

Health & Safety

When installing the Pinetrim XT product range take all necessary steps to ensure your safety and the safety of others:

- When you are cutting or drilling ensure there is adequate ventilation or mechanical dust extraction.
- Ensure the timber is well supported when you are cutting and nailing.
- Use safety glasses, ear protection, and wear appropriate clothing and footwear.
- Use all tools in accordance with the relevant instruction manuals.
- Select and use the right equipment for working at height.
- Plan and monitor a safe approach for working at height and use ladders and stepladders.
- Clear the work area of obstructions before starting.

General Installation

General carpentry and woodworking tools are all you will need to install.

Installation: Although the Pinetrim XT F7 and GL8 products range are supplied pre-sanded and pre-primed, cut ends will require sealing before installation.

Once installed, any nails need to be punched 2mm below the surface of the board, filled with an exterior wood filler, sanded and spot primed before being coated with a minimum of two coats of high-grade alkyd/oil based exterior enamel, or 100% acrylic exterior gloss paint. For alternative coatings, contact your paint supplier.

Dark colours should be avoided as they absorb heat and could cause excessive movement, distortion or resin bleed. Specify top coat colours with a minimum LRV of 45 or higher.

Care & Maintenance

As with any timber exterior products, to get the best performance, regular cleaning and maintenance is required. Hume Doors & Timber recommend that at least once a year the exterior profiles are washed down with a mild detergent and a fine brush to remove dirt, mould, lichen and salt deposits.

We do not recommend using a water pressure cleaner, as this can damage the surface coating.

Paint finishes in general will require re-coating, approximately every 5–7 years, or more frequently if the paint coating has been damaged. This will depend on site specific exposure, eg. To atmospheric exposure and ultraviolet condition, the surface coating applied and/or the paint supplier's recommendations.

Information For Designers

Considerations When Designing

When specifying any external Pinetrim XT F7 and/or GL8 product the designer must ensure that the project falls within Hume Doors & Timber's scope. The designer must also consider the following indicative List:

Site:

- Exposure Zones / Durability requirements of all fastenings.
- Wind zone / climate zone.
- Specific wind pressure.
- Location of building on site and proximity to relevant boundaries.

The Building Work:

- Compliance of the building with all relevant provisions of the Australian Building Code, including but not limited to:
- Suitability of the existing building.
- Structural framing requirements — (short and long term).
- Other materials likely to affect the product's performance.

Environmental Commitment:

Hume Doors & Timber are committed to operating its entire business in an environmentally sustainable manner at all times including but not limited to:

- Hume solar power scheme – Reducing our carbon footprint.
- Reusing and recycling by-products, packaging and waste material.
- Reducing the levels of consumables used.
- Capturing, storing and using rainwater for our water needs.
- Maximise transport needs, thus reducing our energy requirements.

FSC Certification:

- Hume Doors & Timber and Arauco are certified members of the Forest Stewardship Council.

  Hume Doors & Timber:
  SGS-CoC-009405
  SGS HK – CoC- 002757
  SGS HK – CoC- 330601

  Arauco: SGS-CoC-010097

PRODUCT OVERVIEW & ADDITIONAL INFORMATION

Pinetrim XT®

H3 LOSP Pre-Primed Structural Beams, Bearers, Joists & Rafters

Pinetrim XT® F7 & GL8 Product Overview

Chemically treated using an organic H3 LOSP preservative for resistance against termite and fungal attack, the range is a ready to use building product intended for use in Australia's toughest conditions. Use the range of products for deck, pergola, verandah, gazebo and carport construction. When installed and maintained according to correct building practices, Pinetrim XT F7 and GL8 offers a long term building solution for all outdoor construction.

Product Benefits

- Durable
- Easy to install
- Ready to paint

Treatment

Pinetrim XT F7 and GL8 products are LOSP (Light Organic Solvent Preservative) treated with Vacsol® Azure by Arch Chemicals. This preservative contains three active ingredients that are commonly used in agriculture (Propiconazole and Tebuconazole as fungicide components and Permethrin as the insecticide and/or termiticide component). The treating process includes water repellent components (paraffin wax and hydrocarbon resin). All Pinetrim XT F7 and GL8 products are treated with Australian registered treatment tanks **061 64 H3, 467 64 H3 & 042 64 H3**.

Primer

The Pinetrim XT F7 and GL8 range of products are primed with primer specifically developed to work with the LOSP-treated Radiata Pine.

The benefits of this primer are as follows:

- Primer formulated for use with LOSP treated wood.
- Strong base for top coat adhesion.
- High resistance to cracking, flaking, and/or chipping.

Storage & Handling

One of the greatest features of the Pinetrim XT treated F7 and GL8 products are that they are all made from 100% real wood. Because Pinetrim XT treated products are real wood, it is important to understand the way wood reacts to it's environment and to take the proper steps noted in this manual when storing and handling the product.

1. Moisture
   One of the most important steps in assuring top quality and performance from all Pinetrim XT treated products is to keep them clean and dry prior to installation. Wood naturally shrinks as it dries and swells when it is exposed to moisture. This swelling and shrinking can cause splitting, checking, bowing and nail popping that will affect performance before and after installation. Most performance problems related to moisture can be avoided by proper storage, handling and installation.

2. On Site Storage
   It is important that Pinetrim XT treated F7 and GL8 products are stored off the ground, are well supported and securely covered with a breathable, weather resistant material that is secure but loose enough to permit air circulation in order to avoid condensation. Be sure that no water can become entrapped on top or underneath the covered product. It is best to store these products in a well ventilated shelter, when one is available on the job site. For best results, let the F7 and GL8 products reach equilibrium with the local climate by storing them at least 15 days in a well ventilated shelter prior to installation. Do not allow any of the F7 and GL8 products to become directly exposed to rain, water, ice, snow or the sun for prolonged periods of time prior to installation and finishing.

Installation

Before Starting

Before starting to work with any Pinetrim XT F7 and GL8 products, be prepared to adhere to the following guidelines:

- Do not install wet products.
- Do not install products that have moisture content over 14%.
- Follow the highest quality building practices when installing.
- Follow all applicable national codes, state, and local building regulations.

Cutting

Pinetrim XT F7 and GL8 products may be cut to length and/or notched as required for fitting and joining. It is important that these products are not re-sawn or re-sized in any other way. Failure to follow this guideline **WILL** void the warranty.

End-Sealing

All subsequent cuts, notches or bore holes must be coated with a high-quality brush- on or spray-on end seal preservative. Follow all of the recommended application instructions printed on the wood preservative can. Failure to use a wood preservative on cuts, notches, and bore holes **WILL** void the warranty. In addition, all sealed end cuts should be coated with a high quality oil based or acrylic exterior wood primer prior to installation.

Nailing & Fastening

When choosing nails to fasten Pinetrim XT F7 and GL8 products, select ring-shanked or nails that are non-corrosive. This will help to avoid nail stains. Stainless steel or high-quality, hot-dipped galvanized nails should be used in coastal regions. The nails should be properly sized so that the shank penetrates 35mm into the framing members or a combination of framing members and solid

wood sheathing. Do not use common electroplated or poor quality galvanized nails. These types of nails will cause stains. Additionally, it is recommended to pre-drill before nailing mitred corners or near ends. This will prevent splitting near the ends. Be sure to apply an end-sealer to the pre-drilled holes after nailing as recommended in this manual.

Painting

Pinetrim XT F7 and GL8 products must be painted within 30 days of installation. Pinetrim XT products require at least two coats of high-quality alkyd/oil based exterior enamel, or 100% acrylic gloss as a top coat. Do not use low-quality oil or alkyd paints.

For best results, follow these steps when applying a top coat to Pinetrim XT products:

- During the period between installation and painting, the product must be kept dry and out of contact with rain, dew, ice or snow.
- Pinetrim XT treated products must be dry before painting, with a moisture content at or below 14%.
- Prior to painting, clear all loose material, dust, grease, etc. off the surface.
- Sand lightly to obtain a smooth, level surface.
- Apply all top coats in conditions that are dry and above 10°C.
- Allow for 24 hours of drying time between finish coats.
- Follow all of the other instructions on the paint manufacturer's label, and follow best practices when applying the top coat.
- When possible, apply the first coat of paint prior to installation.

Resin Bleed

Pinetrim XT F7 and GL8 products are produced from 100% real Radiata Pine wood. While it is not typical, there could be some resin bleed. When this happens, it is usually due to hot conditions during storage or because of paint colours that have a **low LRV.** Resin bleed can be minimized by closely following the painting instructions contained in this manual. If resin bleed is experienced, contact your distributor for solutions.

Maintenance

- It is recommended to wash down at least annually using a mild detergent and a soft brush. During annual check, remove moss, mould and mildew and fix cracks as necessary.
- As per major paint companies recommendations recoat every 5 – 7 years with 2 coats of high-quality alkyd/oil based exterior enamel, or 100% acrylic exterior gloss.
- Failure to maintain Pinetrim XT treated products in accordance to the guidelines in this manual **WILL** void the warranty.

Pinetrim XT® Products, 25 Year Limited Treatment Warranty

- Pinetrim XT F7 and GL8 products offer a 25 Year Limited Warranty against termites and fungal decay.
  This Limited Warranty guarantees the replacement of any product when the products become unserviceable due to fungal decay or termite attack within the warranty period. Replacement product will be supplied at the original point of purchase or the closest alternative point, if the original supply point is not available.
- In order to benefit from this Limited Warranty, retain copies of the proof of purchase, such as invoices or receipts and end-tags from the installed Pinetrim XT F7 or GL8 product for confirmation against this Warranty.
- The Limited Warranty is subject to all rules and conditions set forth in this manual. These include but are not limited to:
  - Following Proper Building Standards & Codes.
  - Following all recommended installation and maintenance instructions.
  - Any deterioration or faults due to inherent physical properties of the wood such as shrinking, swelling, bowing, twisting or resin bleed are not covered.

Primer Warranty

2-Year Limited Warranty

- Hume Doors & Timber offers a 2-year Limited Warranty on the primer for any of the Pinetrim XT F7 or GL8 products.
  This Limited Warranty guarantees the cost of paint to repair installed treated product which conforms to the stated conditions within this document and the primer supplier's user manual, which experiences cracking, flaking, and/or chipping due to primer failure.

Australian Standards Compliance

Finger Joints & Adhesives

All Pinetrim XT F7 and GL8 is manufactured to comply with the relevant Australian Standard for Structural Exterior Products listed below:

AS 5068 – 2006: Timber – Finger Joints in Structural Products – Production requirements (Superseded: AS/NZS 1491:1996) AS/NZS 1328 – 1996: Glued laminated structural timber - Performance requirements and minimum production requirements.

All of the Pinetrim XT F7 and GL8 range comply with the necessary guidelines stipulated in these Australian Standards.

Service Class 1

Service Class 1 shall be characterized by a material moisture content corresponding to a temperature of 20°C and a relative humidity of the surrounding air only exceeding 65% for a few weeks per year.

NOTE: In Service Class 1 the average equilibrium moisture content in most softwoods will not exceed 12%. SERVICE CLASS 1.

Service Class 2

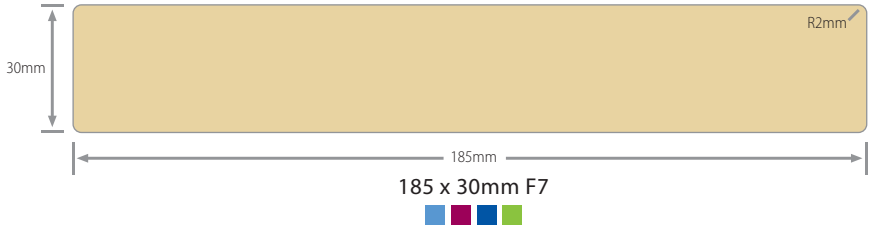
Service Class 2 shall be characterized by a material moisture content corresponding to a temperature of 20°C and a relative humidity of the surrounding air only exceeding 85% for a few weeks per year.

NOTE: In Service Class 2 the average equilibrium moisture content in most softwoods will not exceed 20%. SERVICE CLASS 2.

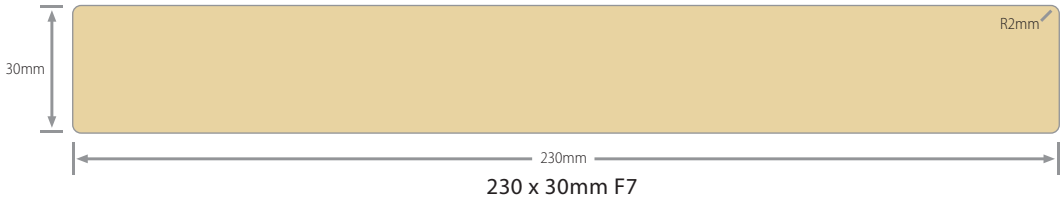
Service Class 3

Service Class 3 shall be characterized by climatic conditions leading to higher moisture contents than Service Class 2, or where timber is directly exposed to sun and/or rain.

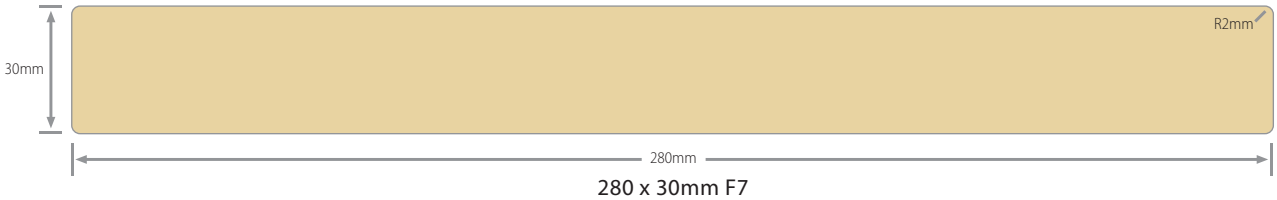
Profiles: Pinetrim XT® | F7 Structural



185 x 30mm F7



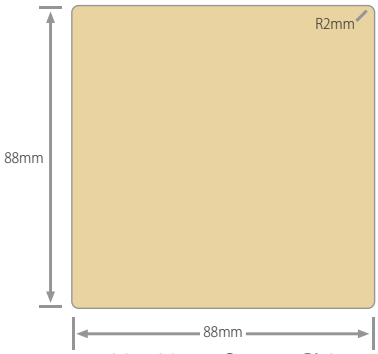
230 x 30mm F7



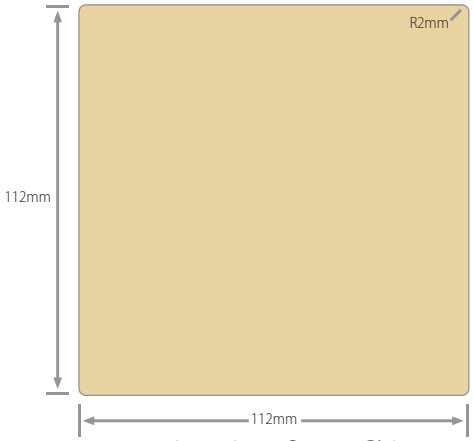
280 x 30mm F7

SIZE	GRADE	5.4m	6.0m	7.2m
185 x 30mm	**F7**	✓	✓	✓
230 x 30mm	**F7**	✓	✓	✓
280 x 30mm	**F7**	✓	✓	✓

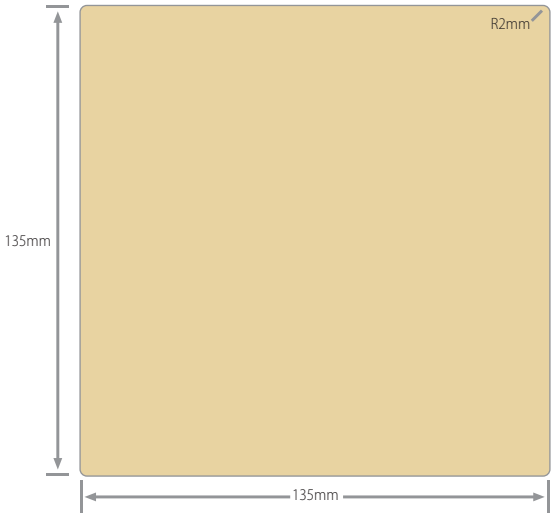
Profiles: Pinetrim XT® | GL8 POSTS



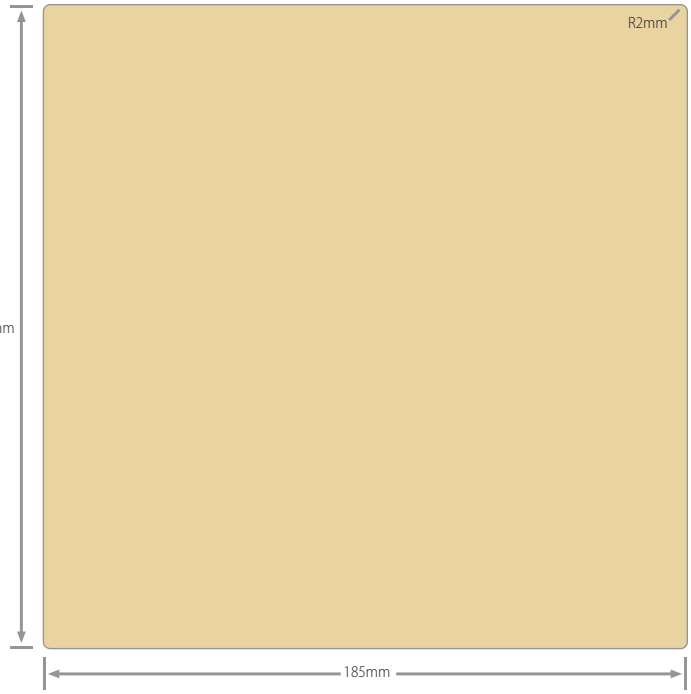
88 x 88mm Square GL8



112 x 112mm Square GL8



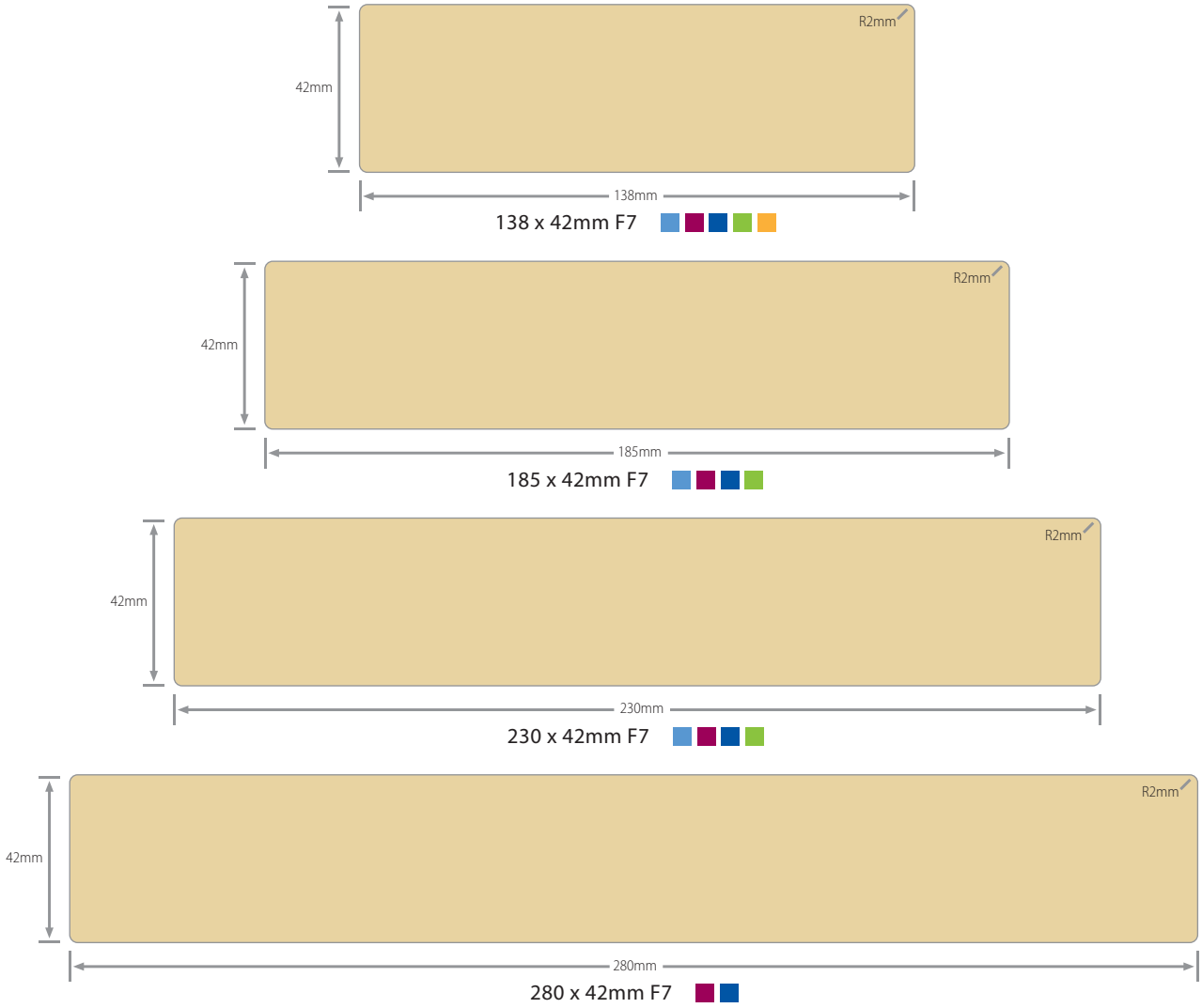
135 x 135mm Square GL8



185 x 185mm Square GL8

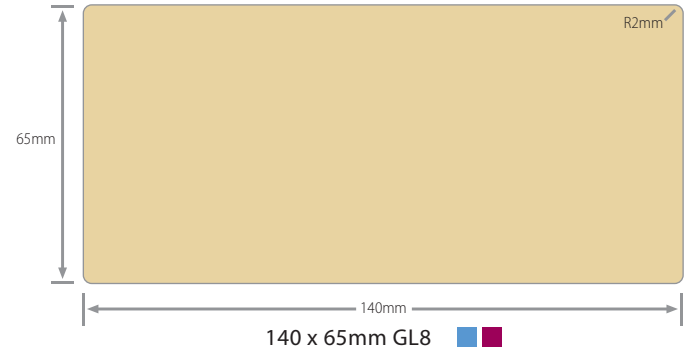
SIZE	GRADE	2.4m	2.7m	3.0m	3.6m	4.8m	5.4m	6.0m
88 x 88mm	**GL8**	✓	✓	✓	✓	✓	✓	✓
112 x 112mm	**GL8**	✓	✓	✓	✓	✓	✓	✓
135 x 135mm	**GL8**	✓	✓	✓	✓	✓	✓	✓
185 x 185mm	**GL8**	✓	✓	✓	✓	✓	✓	✓

Profiles: Pinetrim XT® | F7 & GL8 Structural

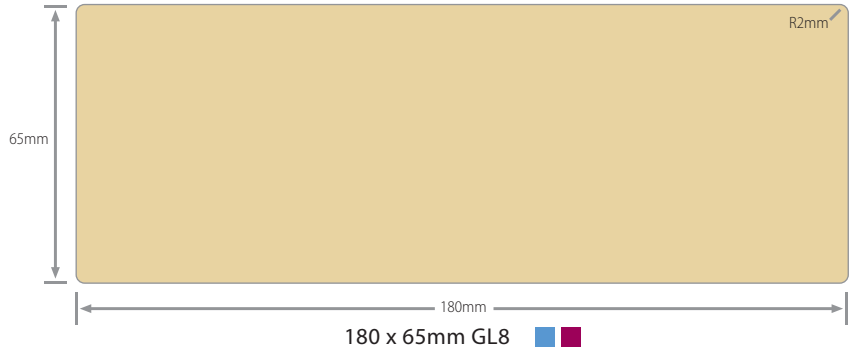


SIZE	GRADE	3.6m	4.8m	5.4m	6.0m	7.2m
138 x 42mm	**F7**	✓	✓	✓	✓	✓
185 x 42mm	**F7**	✓	✓	✓	✓	✓
230 x 42mm	**F7**			✓	✓	✓
280 x 42mm	**F7**			✓	✓	✓
140 x 65mm	**GL8**		✓	✓	✓	✓
180 x 65mm	**GL8**		✓	✓	✓	✓
240 x 65mm	**GL8**		✓	✓	✓	✓
280 x 65mm	**GL8**		✓	✓	✓	✓

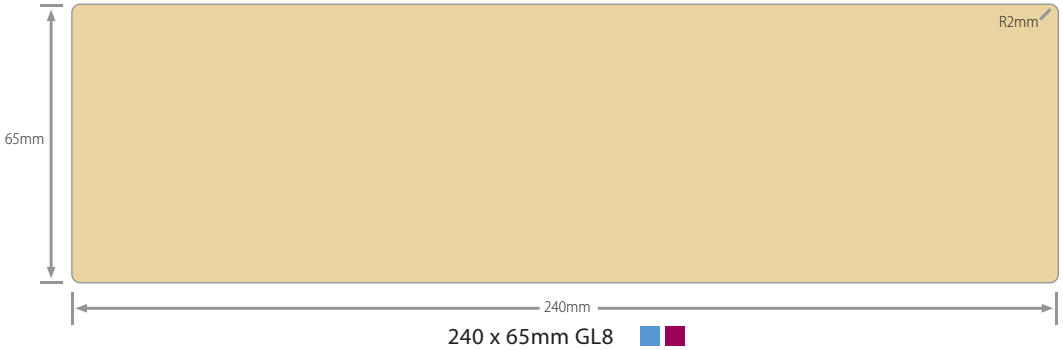
Profiles: Pinetrim XT® | F7 & GL8 Structural (continued)



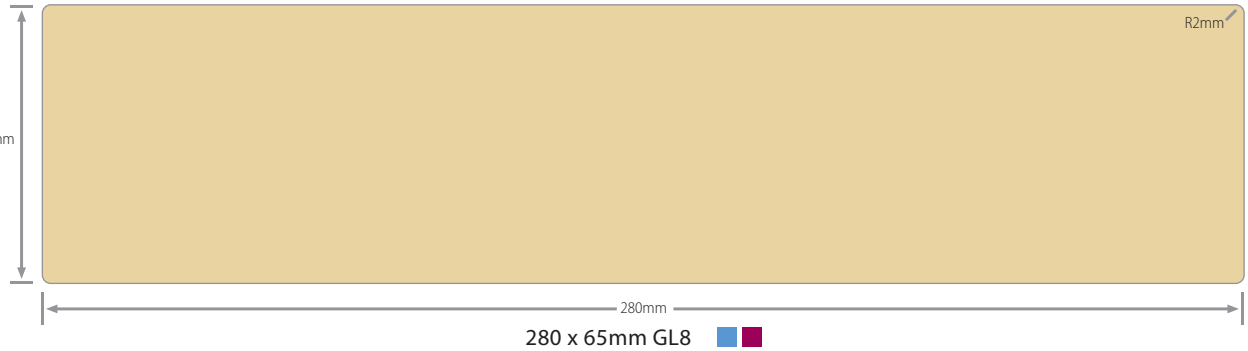
140 x 65mm GL8



180 x 65mm GL8



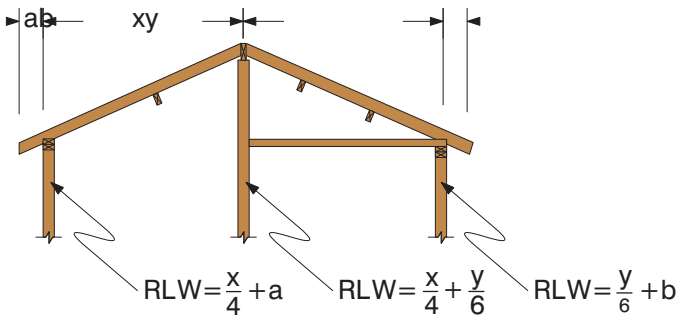
240 x 65mm GL8



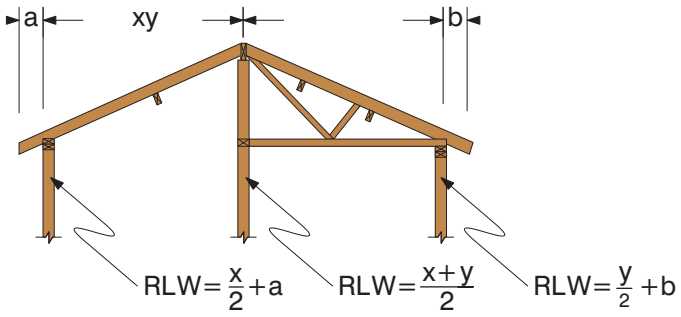
280 x 65mm GL8

Arauco Technical Diagrams: Roof Load Widths

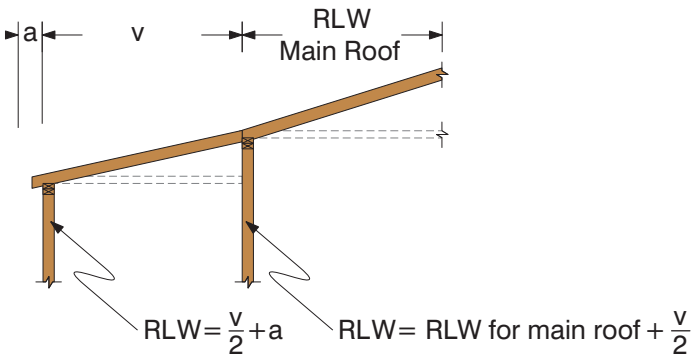
Roof Load Width for Cathedral—Framed



Roof Load Width for Cathedral—Truss

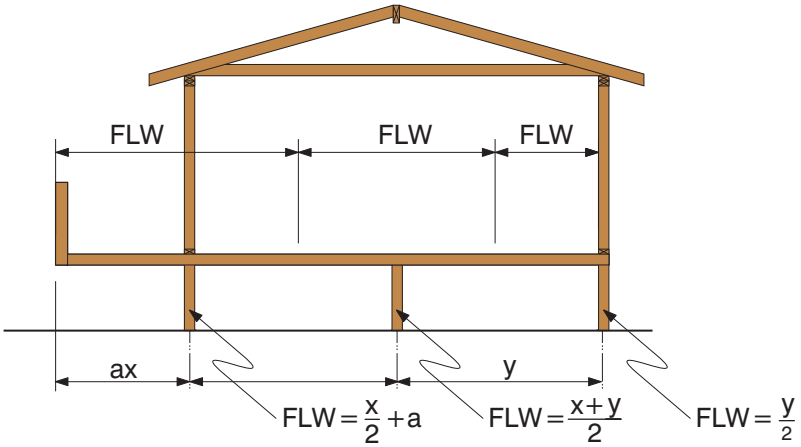


Roof Load Width for Verandah

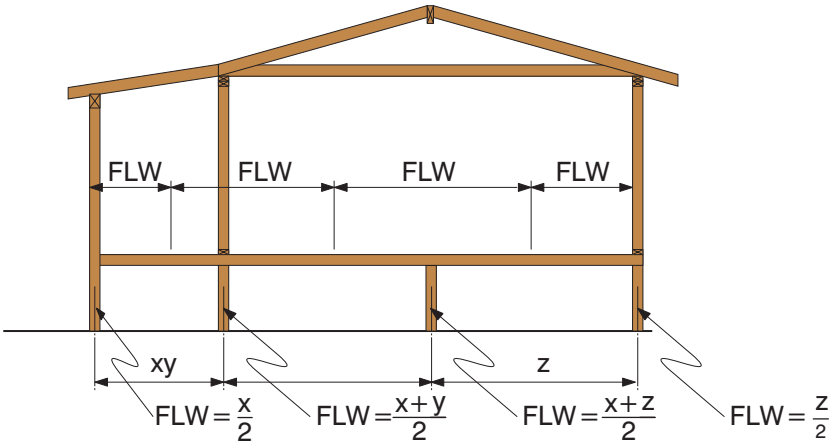


Arauco Technical Diagrams: Floor Load Widths

Floor Load Width Cantilevered Balcony (Bearers)

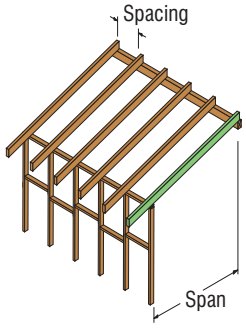


Floor Load Width Supported Balcony

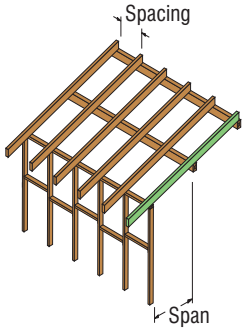


Arauco F7: N2 - Rafters | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single



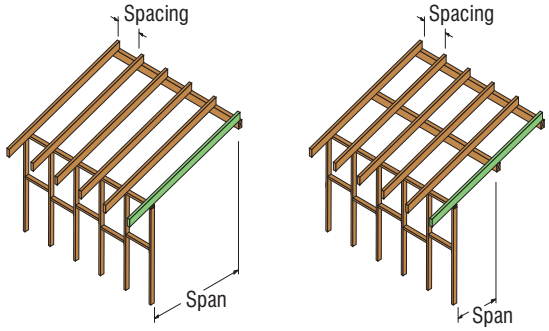
Continuous

N2		MAXIMUM ALLOWABLE RAFTER SPAN (mm)									
		Single Span					Continuous Span				
		Rafter Spacing (mm)									
Size		600	900	1200	1500	1800	600	900	1200	1500	1800
Arauco - F7	165x30	3.3	2.9	2.6	2.4	2.3	4.4	3.9	3.4	3.0	2.7
*	185x30	3.7	3.2	2.9	2.7	2.6	5.0	4.2	3.7	3.3	3.0
	210x30	4.1	3.7	3.3	3.1	2.9	5.3	4.5	4.0	3.6	3.2
*	230x30	4.5	4.0	3.7	3.3	3.1	5.5	4.7	4.2	3.8	3.5
*	280x30	5.2	4.4	3.9	3.6	3.3	5.9	5.1	4.6	4.2	3.9
*	90x42	2.0	1.7	1.6	1.5	1.4	2.7	2.4	2.2	2.0	1.8
*	138x42	3.0	2.7	2.4	2.3	2.1	4.1	3.7	3.3	3.1	2.8
*	185x42	4.0	3.6	3.3	3.1	2.9	5.5	4.9	4.5	4.2	3.8
	210x42	4.6	4.0	3.7	3.5	3.3	6.0	5.5	5.1	4.6	4.2
*	230x42	5.0	4.4	4.1	3.8	3.6	6.4	5.9	5.5	4.9	4.5
*	280x42	5.8	5.3	4.9	4.6	4.3	7.3	6.7	6.3	5.6	5.1
	140x65	3.5	3.1	2.8	2.7	2.5	4.8	4.2	3.9	3.6	3.4
	185x65	4.5	4.1	3.7	3.5	3.3	6.0	5.5	5.1	4.8	4.5
	210x65	5.1	4.6	4.2	4.0	3.7	6.5	6.0	5.7	5.4	5.1
	230x65	5.5	5.0	4.6	4.3	4.1	7.0	6.4	6.0	5.8	5.5
	280x65	6.3	5.9	5.5	5.2	5.0	8.0	7.4	7.0	6.6	6.4

* Indicates Pinetrim XT products available.

Arauco GL8: N2 - Rafters | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



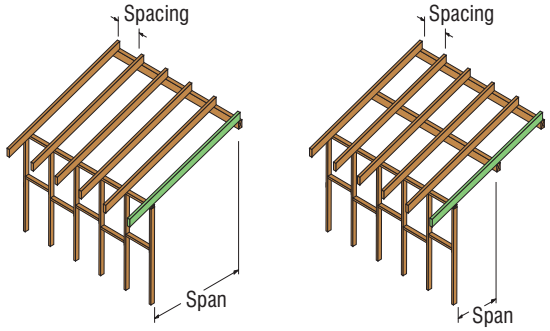
Single Continuous

N2		MAXIMUM ALLOWABLE RAFTER SPAN (mm)									
		Single Span					Continuous Span				
		Rafter Spacing (mm)									
Size		600	900	1200	1500	1800	600	900	1200	1500	1800
Arauco - GL8	165x30	3.3	2.9	2.6	2.5	2.3	4.5	3.8	3.4	3.1	2.8
	185x30	3.7	3.2	3.0	2.8	2.6	4.8	4.1	3.7	3.3	3.1
	210x30	4.1	3.7	3.4	3.1	2.9	5.1	4.4	4.0	3.6	3.4
	230x30	4.5	4.0	3.6	3.3	3.1	5.3	4.6	4.2	3.8	3.6
	280x30	5.0	4.3	3.9	3.6	3.4	5.6	5.0	4.6	4.2	4.0
	90x42	2.0	1.8	1.6	1.5	1.4	2.7	2.4	2.2	2.0	1.9
	138x42	3.0	2.7	2.5	2.3	2.2	4.2	3.7	3.4	3.1	2.9
	180x42	3.9	3.5	3.2	3.0	2.8	5.4	4.8	4.4	4.1	3.8
	185x42	4.0	3.6	3.3	3.1	2.9	5.5	4.9	4.5	4.2	3.9
	230x42	5.0	4.4	4.1	3.8	3.6	6.4	5.9	5.4	4.9	4.6
	240x42	5.2	4.6	4.2	4.0	3.7	6.6	6.1	5.6	5.1	4.7
	280x42	5.8	5.4	4.9	4.6	4.4	7.4	6.7	6.1	5.6	5.2
	290x42	6.0	5.5	5.1	4.8	4.5	7.5	6.8	6.2	5.7	5.3
*	140x65	3.9	3.4	3.1	2.9	2.8	5.3	4.7	4.3	4.0	3.7
*	180x65	4.9	4.4	4.0	3.8	3.6	6.3	5.8	5.5	5.1	4.8
*	240x65	6.1	5.7	5.3	5.0	4.7	7.7	7.1	6.7	6.4	6.1
*	280x65	6.8	6.3	6.0	5.7	5.5	8.6	8.0	7.5	7.2	6.9
	290x65	7.0	6.5	6.1	5.8	5.6	8.8	8.2	7.7	7.3	7.1

* Indicates Pinetrim XT products available.

Arauco F7: N3 - Rafters | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



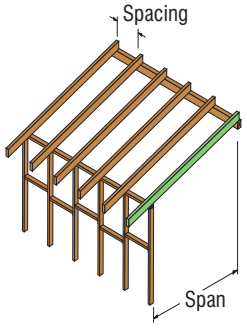
Single Continuous

N3		MAXIMUM ALLOWABLE RAFTER SPAN (mm)									
		Single Span					Continuous Span				
		Rafter Spacing (mm)									
Size		600	900	1200	1500	1800	600	900	1200	1500	1800
Arauco - F7	165x30	3.3	2.9	2.5	2.3	2.1	4.2	3.5	3.0	2.6	2.4
*	185x30	3.6	3.0	2.7	2.4	2.2	4.5	3.8	3.3	2.9	2.7
	210x30	3.8	3.2	2.8	2.6	2.4	4.8	4.1	3.6	3.2	2.9
*	230x30	3.9	3.3	2.9	2.7	2.5	5.1	4.3	3.8	3.4	3.1
*	280x30	4.2	3.6	3.2	2.9	2.7	5.5	4.7	4.2	3.8	3.5
*	90x42	2.0	1.7	1.6	1.5	1.4	2.7	2.3	1.9	1.7	1.5
*	138x42	3.0	2.7	2.4	2.3	2.1	4.1	3.7	3.1	2.6	2.4
*	185x42	4.0	3.6	3.3	3.1	2.9	5.5	4.8	4.2	3.7	3.2
	210x42	4.6	4.0	3.7	3.5	3.2	6.0	5.3	4.6	4.1	3.7
*	230x42	5.0	4.4	4.1	3.7	3.4	6.4	5.6	4.9	4.4	4.0
*	280x42	5.8	5.1	4.5	4.1	3.8	7.3	6.4	5.6	5.1	4.6
	140x65	3.5	3.1	2.8	2.7	2.5	4.8	4.2	3.9	3.4	3.0
	185x65	4.5	4.1	3.7	3.5	3.3	6.0	5.5	5.1	4.6	4.1
	210x65	5.1	4.6	4.2	4.0	3.7	6.5	6.0	5.7	5.3	4.7
	230x65	5.5	5.0	4.6	4.3	4.1	7.0	6.4	6.0	5.8	5.2
	280x65	6.3	5.9	5.5	5.2	5.0	8.0	7.4	7.0	6.6	6.3

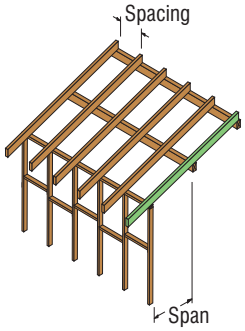
* Indicates Pinetrim XT products available.

Arauco GL8: N3 - Rafters | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single



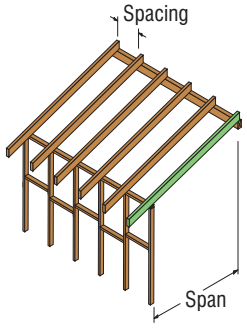
Continuous

N3		MAXIMUM ALLOWABLE RAFTER SPAN (mm)									
		Single Span					Continuous Span				
		Rafter Spacing (mm)									
Size		600	900	1200	1500	1800	600	900	1200	1500	1800
Arauco - GL8	165x30	3.3	2.8	2.5	2.3	2.2	4.0	3.4	3.0	2.7	2.5
	185x30	3.5	3.0	2.7	2.5	2.3	4.3	3.7	3.3	3.0	2.8
	210x30	3.6	3.1	2.8	2.6	2.5	4.7	4.0	3.6	3.3	3.0
	230x30	3.7	3.2	2.9	2.7	2.6	4.9	4.2	3.8	3.5	3.2
	280x30	4.0	3.5	3.2	2.9	2.7	5.3	4.6	4.2	3.9	3.6
	90x42	2.0	1.8	1.6	1.5	1.4	2.7	2.3	2.0	1.8	1.6
	138x42	3.0	2.7	2.5	2.3	2.2	4.2	3.6	3.1	2.8	2.5
	180x42	3.9	3.5	3.2	3.0	2.8	5.4	4.6	4.1	3.7	3.3
	185x42	4.0	3.6	3.3	3.1	2.9	5.5	4.7	4.1	3.8	3.4
	230x42	5.0	4.4	4.1	3.7	3.5	6.4	5.5	4.9	4.4	4.1
	240x42	5.2	4.6	4.2	3.8	3.6	6.6	5.6	5.0	4.6	4.2
	280x42	5.7	4.9	4.4	4.1	3.8	7.1	6.2	5.5	5.1	4.7
	290x42	5.7	5.0	4.5	4.2	3.9	7.3	6.3	5.6	5.2	4.8
*	140x65	3.9	3.4	3.1	2.9	2.8	5.3	4.5	4.0	3.5	3.2
*	180x65	4.9	4.4	4.0	3.8	3.6	6.3	5.8	5.1	4.6	4.2
*	240x65	6.1	5.7	5.3	5.0	4.7	7.7	7.1	6.7	6.0	5.5
*	280x65	6.8	6.3	6.0	5.7	5.5	8.6	8.0	7.5	6.9	6.4
	290x65	7.0	6.5	6.1	5.8	5.6	8.8	8.2	7.7	7.1	6.5

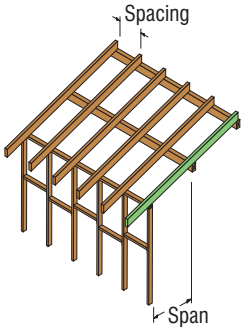
* Indicates Pinetrim XT products available.

Arauco F7: N2/N3 - Rafters | Tile Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Tiled Roof incl allowance for ceiling, 90kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single



Continuous

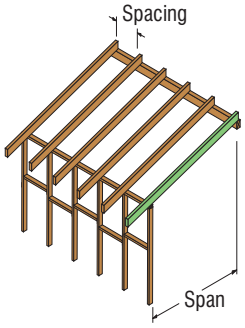
N2/N3		MAXIMUM ALLOWABLE RAFTER SPAN (mm)									
		Single Span					Continuous Span				
		Rafter Spacing (mm)									
Size		600	900	1200	1500	1800	600	900	1200	1500	1800
Arauco - F7	165x30	2.5	2.2	2.0	1.9	1.8	3.4	2.8	2.4	2.2	2.0
*	185x30	2.8	2.5	2.3	2.1	2.0	3.7	3.1	2.6	2.4	2.2
	210x30	3.2	2.8	2.6	2.4	2.2	4.0	3.3	2.9	2.6	2.4
*	230x30	3.5	3.1	2.8	2.6	2.5	4.2	3.5	3.1	2.8	2.5
*	280x30	4.3	3.8	3.4	3.2	3.0	4.6	3.9	3.5	3.1	2.9
*	90x42	1.5	1.3	1.2	1.1	1.1	2.1	1.8	1.6	1.4	1.3
*	138x42	2.4	2.1	1.9	1.7	1.6	3.2	2.8	2.5	2.2	2.0
*	185x42	3.2	2.8	2.5	2.3	2.2	4.3	3.8	3.4	2.9	2.6
	210x42	3.6	3.1	2.9	2.7	2.5	4.9	4.3	3.7	3.3	3.0
*	230x42	3.9	3.4	3.1	2.9	2.8	5.3	4.6	4.0	3.6	3.2
*	280x42	4.7	4.2	3.8	3.6	3.4	6.2	5.2	4.6	4.1	3.8
	140x65	2.7	2.4	2.2	2.0	1.9	3.7	3.3	3.0	2.7	2.5
	185x65	3.6	3.2	2.9	2.7	2.6	4.9	4.3	4.0	3.7	3.3
	210x65	4.1	3.6	3.3	3.1	2.9	5.5	4.9	4.5	4.2	3.8
	230x65	4.5	3.9	3.6	3.4	3.2	5.9	5.4	4.9	4.6	4.1
	280x65	5.4	4.8	4.4	4.1	3.9	6.8	6.2	5.8	5.5	5.1

Rafter requires a minimum 65mm bearing length at the internal support(s)

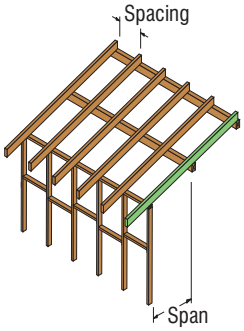
* Indicates Pinetrim XT products available.

Arauco GL8: N2/N3 - Rafters | Tile Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Tiled Roof incl allowance for ceiling, 90kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single



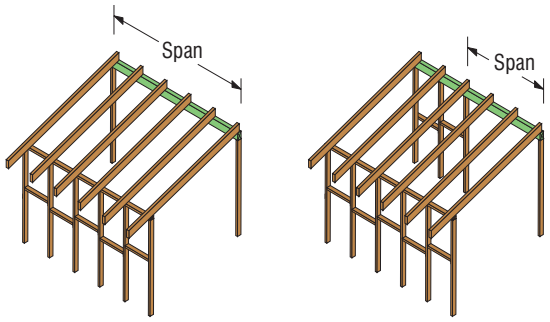
Continuous

N2/N3		MAXIMUM ALLOWABLE RAFTER SPAN (mm)									
		Single Span					Continuous Span				
		Rafter Spacing (mm)									
Size		600	900	1200	1500	1800	600	900	1200	1500	1800
Arauco - GL8	165x30	2.5	2.2	2.0	1.9	1.8	3.3	2.8	2.5	2.3	2.1
	185x30	2.8	2.5	2.3	2.1	2.0	3.6	3.0	2.7	2.5	2.3
	210x30	3.2	2.8	2.6	2.4	2.3	3.9	3.3	2.9	2.7	2.5
	230x30	3.5	3.1	2.8	2.6	2.5	4.0	3.5	3.1	2.9	2.6
	280x30	4.3	3.8	3.4	3.2	3.0	4.4	3.8	3.5	3.2	3.0
	90x42	1.5	1.3	1.2	1.1	1.1	2.1	1.8	1.7	1.5	1.3
	138x42	2.4	2.1	1.9	1.7	1.6	3.2	2.8	2.5	2.3	2.1
	180x42	3.1	2.7	2.5	2.3	2.2	4.2	3.7	3.3	3.0	2.7
	185x42	3.2	2.8	2.5	2.4	2.2	4.3	3.8	3.4	3.1	2.8
	230x42	3.9	3.5	3.2	2.9	2.8	5.3	4.5	4.0	3.6	3.4
	240x42	4.1	3.6	3.3	3.1	2.9	5.4	4.6	4.1	3.8	3.5
	280x42	4.8	4.2	3.8	3.6	3.4	5.9	5.1	4.6	4.2	3.9
	290x42	4.9	4.4	4.0	3.7	3.5	6.0	5.2	4.7	4.3	4.0
*	140x65	3.0	2.7	2.4	2.3	2.1	4.1	3.6	3.2	2.9	2.6
*	180x65	3.9	3.4	3.1	2.9	2.7	5.3	4.7	4.1	3.7	3.4
*	240x65	5.1	4.6	4.2	3.9	3.7	6.6	6.0	5.4	4.9	4.5
*	280x65	5.8	5.3	4.9	4.5	4.3	7.3	6.7	6.2	5.6	5.2
	290x65	6.0	5.5	5.0	4.7	4.4	7.5	6.9	6.3	5.8	5.4

* Indicates Pinetrim XT products available.

Arauco F7: N2 - Roof Beams | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



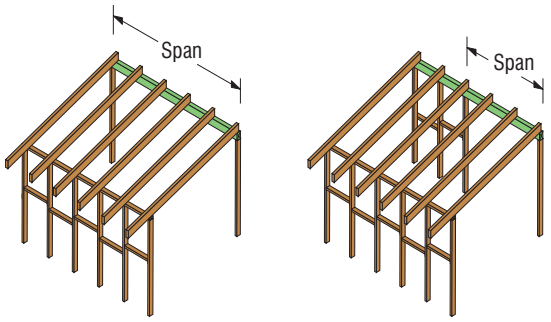
Single Continuous

N2		MAXIMUM ALLOWABLE ROOF BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4800	1200	1800	2400	3000	3600	4800
Arauco F7	* 90x42	1.6	1.4	1.3	1.2	1.1	1.0	2.0	1.8	1.6	1.4	1.2	1.0
	* 138x42	2.5	2.2	1.9	1.8	1.7	1.5	3.4	2.8	2.4	2.1	1.9	1.6
	* 185x42	3.3	2.9	2.6	2.4	2.2	2.0	4.5	3.8	3.2	2.9	2.6	2.2
	210x42	3.8	3.3	3.0	2.7	2.6	2.3	5.0	4.2	3.6	3.3	2.9	2.5
	* 230x42	4.1	3.6	3.3	3.0	2.8	2.5	5.3	4.4	3.9	3.5	3.2	2.7
	* 280x42	5.0	4.4	4.0	3.7	3.4	3.1	6.0	5.1	4.5	4.0	3.7	3.2
	140x65	2.9	2.5	2.3	2.1	2.0	1.7	3.9	3.4	3.0	2.7	2.4	2.1
	185x65	3.8	3.3	3.0	2.8	2.6	2.3	5.2	4.5	4.0	3.6	3.2	2.7
	210x65	4.3	3.8	3.4	3.2	2.9	2.6	5.9	5.1	4.5	4.0	3.6	3.1
	230x65	4.7	4.1	3.7	3.5	3.2	2.9	6.3	5.6	5.0	4.4	4.0	3.4
	280x65	5.7	5.0	4.5	4.2	3.9	3.5	7.3	6.6	6.0	5.4	4.8	4.1

* Indicates Pinetrim XT products available.

Arauco GL8: N2 - Roof Beams | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlinedin AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



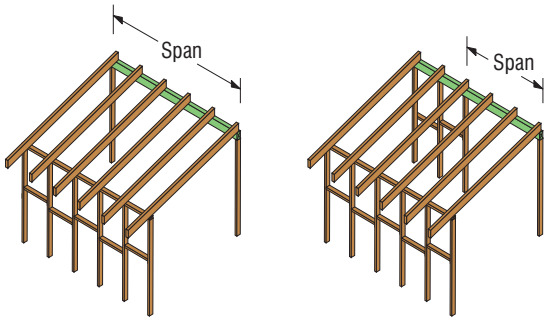
Single Continuous

N2		MAXIMUM ALLOWABLE ROOF BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4800	1200	1800	2400	3000	3600	4800
Arauco GL8	90x42	1.6	1.4	1.3	1.2	1.1	1.0	2.2	1.9	1.7	1.5	1.3	1.1
	138x42	2.5	2.2	2.0	1.8	1.7	1.5	3.4	3.0	2.6	2.3	2.0	1.7
	180x42	3.3	2.8	2.6	2.4	2.2	2.0	4.4	3.9	3.3	2.9	2.7	2.2
	185x42	3.3	2.9	2.6	2.4	2.3	2.0	4.6	4.0	3.4	3.0	2.7	2.3
	230x42	4.1	3.6	3.3	3.0	2.8	2.5	5.5	4.6	4.1	3.7	3.3	2.9
	240x42	4.3	3.8	3.4	3.1	2.9	2.6	5.6	4.8	4.2	3.8	3.5	3.0
	280x42	5.0	4.4	4.0	3.7	3.4	3.1	6.2	5.3	4.7	4.2	3.9	3.4
	290x42	5.2	4.6	4.1	3.8	3.6	3.2	6.3	5.4	4.8	4.3	4.0	3.4
*	140x65	3.2	2.8	2.5	2.3	2.2	1.9	4.4	3.7	3.2	2.8	2.6	2.2
*	180x65	4.1	3.6	3.2	3.0	2.8	2.5	5.6	4.8	4.1	3.7	3.3	2.8
*	240x65	5.4	4.8	4.3	4.0	3.7	3.3	7.0	6.3	5.5	4.9	4.4	3.7
*	280x65	6.2	5.5	5.0	4.7	4.4	3.9	7.8	7.1	6.3	5.7	5.1	4.3
	290x65	6.4	5.7	5.2	4.8	4.5	4.0	8.0	7.3	6.4	5.8	5.3	4.5

* Indicates Pinetrim XT products available.

Arauco F7: N3 - Roof Beams | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



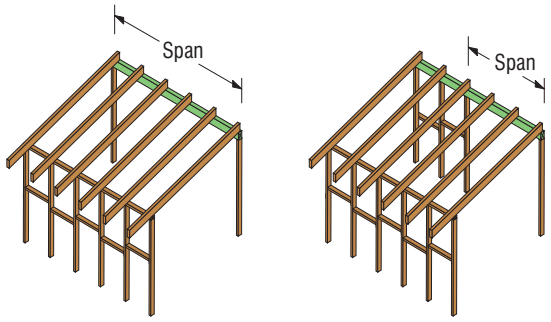
Single Continuous

N3		MAXIMUM ALLOWABLE ROOF BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4800	1200	1800	2400	3000	3600	4800
Arauco F7	* 90x42	1.6	1.4	1.3	1.2	1.1	1.0	2.0	1.6	1.4	1.3	1.1	1.0
	* 138x42	2.5	2.2	1.9	1.8	1.7	1.5	3.1	2.5	2.2	1.9	1.8	1.5
	* 185x42	3.3	2.9	2.6	2.4	2.2	2.0	4.2	3.4	2.9	2.6	2.4	2.0
	210x42	3.8	3.3	3.0	2.7	2.6	2.3	4.6	3.9	3.3	3.0	2.7	2.3
	* 230x42	4.1	3.6	3.3	3.0	2.8	2.5	4.9	4.1	3.6	3.3	3.0	2.5
	* 280x42	4.9	4.3	3.9	3.5	3.3	3.0	5.7	4.8	4.2	3.8	3.5	3.1
	140x65	2.9	2.5	2.3	2.1	2.0	1.7	3.9	3.2	2.8	2.5	2.2	1.9
	185x65	3.8	3.3	3.0	2.8	2.6	2.3	5.2	4.2	3.7	3.3	3.0	2.5
	210x65	4.3	3.8	3.4	3.2	2.9	2.6	5.9	4.8	4.2	3.7	3.4	2.9
	230x65	4.7	4.1	3.7	3.5	3.2	2.9	6.3	5.3	4.5	4.1	3.7	3.2
	280x65	5.7	5.0	4.5	4.2	3.9	3.5	7.3	6.4	5.5	4.9	4.5	3.8

* Indicates Pinetrim XT products available.

Arauco GL8: N3 - Roof Beams | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



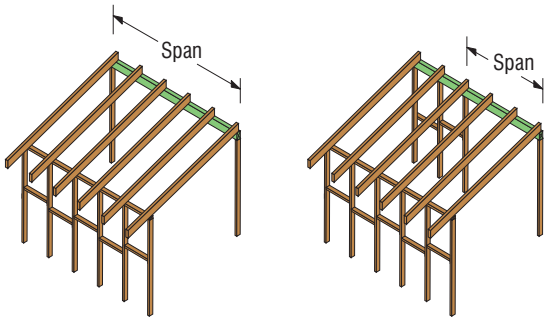
Single Continuous

N3		MAXIMUM ALLOWABLE ROOF BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4800	1200	1800	2400	3000	3600	4800
Arauco GL8	90x42	1.6	1.4	1.3	1.2	1.1	1.0	2.1	1.7	1.5	1.3	1.2	1.0
	138x42	2.5	2.2	2.0	1.8	1.7	1.5	3.3	2.7	2.3	2.1	1.9	1.6
	180x42	3.3	2.8	2.6	2.4	2.2	2.0	4.3	3.5	3.0	2.7	2.4	2.1
	185x42	3.3	2.9	2.6	2.4	2.3	2.0	4.4	3.6	3.1	2.8	2.5	2.1
	230x42	4.1	3.6	3.3	3.0	2.8	2.5	5.1	4.3	3.8	3.4	3.1	2.7
	240x42	4.3	3.8	3.4	3.1	2.9	2.6	5.3	4.5	3.9	3.5	3.2	2.8
	280x42	5.0	4.4	4.0	3.7	3.4	3.1	5.9	5.0	4.4	4.0	3.7	3.2
	290x42	5.1	4.4	4.0	3.7	3.5	3.1	6.0	5.1	4.5	4.1	3.7	3.3
*	140x65	3.2	2.8	2.5	2.3	2.2	1.9	4.2	3.4	2.9	2.6	2.4	2.0
*	180x65	4.1	3.6	3.2	3.0	2.8	2.5	5.3	4.4	3.8	3.3	3.0	2.6
*	240x65	5.4	4.8	4.3	4.0	3.7	3.3	7.0	5.8	5.0	4.5	4.1	3.5
*	280x65	6.2	5.5	5.0	4.7	4.4	3.9	7.8	6.7	5.8	5.2	4.7	4.1
	290x65	6.4	5.7	5.2	4.8	4.5	4.0	8.0	6.9	6.1	5.4	4.9	4.2

* Indicates Pinetrim XT products available.

Arauco F7: N2/N3 - Roof Beams | Tile Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Tiled Roof incl allowance for ceiling, 90kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single Continuous

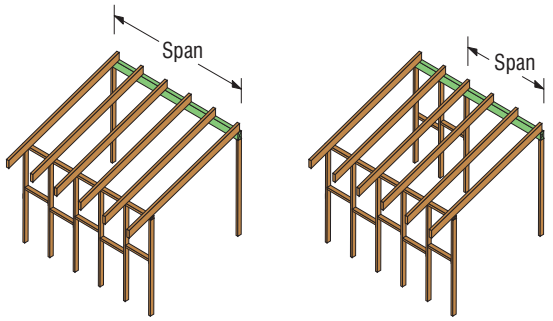
N2/N3		MAXIMUM ALLOWABLE ROOF BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4800	1200	1800	2400	3000	3600	4800
Arauco F7	* 90x42	1.2	1.1	1.0	0.9	0.0	0.0	1.5	1.2	1.1	0.9	0.9	0.0
	* 138x42	1.9	1.7	1.5	1.4	1.3	1.1	2.4	1.9	1.7	1.5	1.3	1.1
	* 185x42	2.6	2.3	2.0	1.9	1.8	1.5	3.2	2.6	2.2	2.0	1.8	1.5
	210x42	2.9	2.6	2.3	2.1	2.0	1.7	3.6	3.0	2.5	2.3	2.0	1.7
	* 230x42	3.2	2.8	2.5	2.4	2.2	1.9	3.9	3.2	2.8	2.5	2.2	1.9
	* 280x42	3.9	3.4	3.1	2.9	2.7	2.3	4.4	3.7	3.3	3.0	2.7	2.3
	140x65	2.3	2.0	1.8	1.6	1.5	1.4	3.0	2.4	2.1	1.9	1.7	1.4
	185x65	3.0	2.6	2.4	2.2	2.0	1.8	4.0	3.2	2.8	2.5	2.2	1.9
	210x65	3.4	3.0	2.7	2.5	2.3	2.1	4.5	3.7	3.2	2.8	2.6	2.2
	230x65	3.7	3.2	2.9	2.7	2.5	2.3	4.9	4.0	3.5	3.1	2.8	2.4
	280x65	4.5	3.9	3.6	3.3	3.1	2.8	5.9	4.9	4.2	3.8	3.4	2.9

Rafter requires a minimum 85mm bearing length at the internal support(s)
Rafter requires a minimum 115mm bearing length at the internal support(s)

* Indicates Pinetrim XT products available.

Arauco GL8: N2/N3 - Roof Beams | Tile Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Tiled Roof incl allowance for ceiling, 90kg/m2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single Continuous

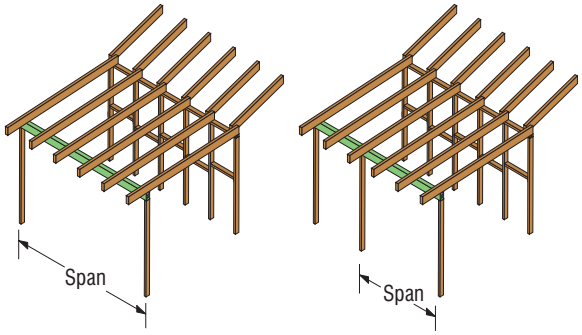
N2/N3		MAXIMUM ALLOWABLE ROOF BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4800	1200	1800	2400	3000	3600	4800
Arauco GL8	90x42	1.2	1.1	1.0	0.9	0.0	0.0	1.6	1.3	1.1	1.0	0.9	0.0
	138x42	1.9	1.7	1.5	1.4	1.3	1.2	2.5	2.0	1.8	1.6	1.4	1.2
	180x42	2.5	2.2	2.0	1.8	1.7	1.5	3.3	2.7	2.3	2.0	1.8	1.6
	185x42	2.6	2.3	2.0	1.9	1.8	1.6	3.4	2.7	2.4	2.1	1.9	1.6
	230x42	3.2	2.8	2.6	2.4	2.2	2.0	4.0	3.4	2.9	2.6	2.4	2.0
	240x42	3.4	2.9	2.7	2.5	2.3	2.1	4.1	3.5	3.0	2.7	2.5	2.1
	280x42	3.9	3.4	3.1	2.9	2.7	2.4	4.6	3.9	3.4	3.1	2.8	2.5
	290x42	4.1	3.6	3.2	3.0	2.8	2.5	4.7	4.0	3.5	3.2	2.9	2.5
*	140x65	2.5	2.2	2.0	1.8	1.7	1.5	3.2	2.6	2.2	2.0	1.8	1.5
*	180x65	3.2	2.8	2.5	2.4	2.2	2.0	4.1	3.3	2.9	2.5	2.3	2.0
*	240x65	4.3	3.7	3.4	3.1	2.9	2.6	5.4	4.4	3.8	3.4	3.1	2.6
*	280x65	5.0	4.4	4.0	3.7	3.4	3.1	6.2	5.1	4.4	4.0	3.6	3.1
	290x65	5.2	4.5	4.1	3.8	3.6	3.2	6.4	5.3	4.6	4.1	3.7	3.2

Rafter requires a minimum 85mm bearing length at the internal support(s)
Rafter requires a minimum 115mm bearing length at the internal support(s)

* Indicates Pinetrim XT products available.

Arauco F7: N2 - Verandah Beams | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single Continuous

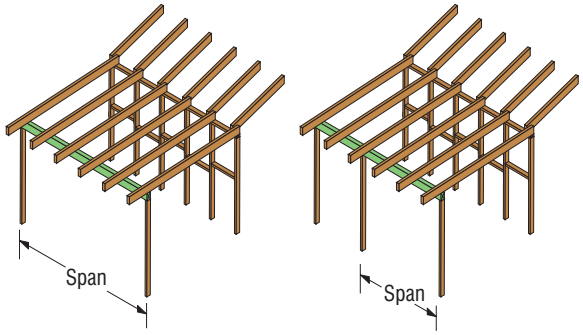
N2		MAXIMUM ALLOWABLE VERANDAH BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4200	1200	1800	2400	3000	3600	4200
Arauco F7	* 90x42	1.5	1.3	1.1	1.0	1.0	0.9	2.0	1.7	1.6	1.4	1.2	1.1
	* 138x42	2.3	2.0	1.8	1.6	1.5	1.4	3.1	2.7	2.4	2.1	1.9	1.8
	* 185x42	3.0	2.6	2.4	2.2	2.0	1.9	4.1	3.6	3.2	2.9	2.6	2.4
	210x42	3.4	3.0	2.7	2.5	2.3	2.2	4.5	4.0	3.6	3.3	2.9	2.7
	* 230x42	3.7	3.3	3.0	2.7	2.5	2.4	4.8	4.3	3.9	3.5	3.2	2.9
	* 280x42	4.4	4.0	3.6	3.3	3.1	2.9	5.5	5.0	4.5	4.0	3.7	3.4*
	140x65	2.6	2.3	2.1	1.9	1.8	1.7	3.6	3.1	2.8	2.6	2.4	2.2
	185x65	3.5	3.0	2.7	2.5	2.4	2.2	4.5	4.1	3.7	3.4	3.2	2.9
	210x65	3.9	3.4	3.1	2.9	2.7	2.5	4.9	4.5	4.2	3.9	3.6	3.3
	230x65	4.2	3.7	3.4	3.1	2.9	2.8	5.3	4.8	4.4	4.2	4.0	3.7
	280x65	4.8	4.4	4.1	3.8	3.6	3.4	6.1	5.5	5.1	4.9	4.6	4.4

Denotes member must have a minimum 65mm bearing length at the internal support(s).

* Indicates Pinetrim XT products available.

Arauco GL8: N2 - Verandah Beams | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single Continuous

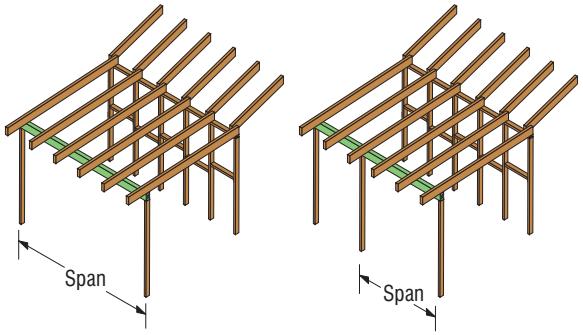
N2		MAXIMUM ALLOWABLE VERANDAH BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4200	1200	1800	2400	3000	3600	4200
Arauco GL8	90x42	1.5	1.3	1.1	1.0	1.0	0.9	2.0	1.7	1.6	1.4	1.3	1.2
	138x42	2.3	2.0	1.8	1.6	1.5	1.4	3.1	2.7	2.4	2.2	2	1.9
	180x42	3.0	2.6	2.3	2.1	2.0	1.9	4.0	3.5	3.2	2.9	2.7	2.4
	185x42	3.0	2.6	2.4	2.2	2.0	1.9	4.1	3.6	3.3	3.0	2.7	2.5
	230x42	3.8	3.3	3.0	2.7	2.6	2.4	4.8	4.3	4.0	3.7	3.3	3.1
	240x42	3.9	3.4	3.1	2.9	2.7	2.5	5	4.5	4.1	3.8	3.5	3.2
	280x42	4.4	4.0	3.6	3.3	3.1	2.9	5.5	5.0	4.7	4.2	3.9	3.6
	290x42	4.5	4.1	3.7	3.4	3.2	3.0	5.7	5.1	4.8	4.3	4.0	3.7
*	140x65	2.9	2.5	2.3	2.1	2.0	1.9	4.0	3.5	3.1	2.8	2.6	2.3
*	180x65	3.7	3.3	2.9	2.7	2.5	2.4	4.8	4.3	4.0	3.7	3.3	3
*	240x65	4.7	4.2	3.9	3.6	3.4	3.2	5.9	5.3	5.0	4.7	4.4	4
*	280x65	5.2	4.7	4.4	4.2	4.0	3.7	6.6	6.0	5.6	5.2	5.0	4.7
	290x65	5.3	4.9	4.5	4.3	4.1	3.9	6.7	6.1	5.7	5.4	5.1	4.9

Denotes member must have a minimum 65mm bearing length at the internal support(s).

* Indicates Pinetrim XT products available.

Arauco GL8: N3 - Verandah Beams | Sheet Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Sheet Roof incl allowance for ceiling, 40kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single Continuous

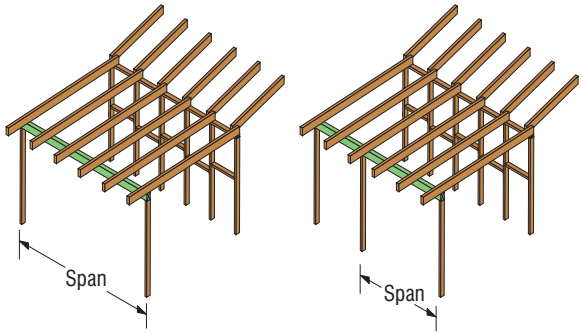
N3		MAXIMUM ALLOWABLE VERANDAH BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4200	1200	1800	2400	3000	3600	4200
Arauco GL8	90x42	1.5	1.3	1.1	1.0	1.0	0.9	2.0	1.7	1.5	1.4	1.3	1.2
	138x42	2.3	2.0	1.8	1.6	1.5	1.4	3.1	2.7	2.4	2.1	2.0	1.8
	180x42	3.0	2.6	2.3	2.1	2.0	1.9	4.0	3.5	3.1	2.8	2.6	2.4
	185x42	3.0	2.6	2.4	2.2	2.0	1.9	4.1	3.6	3.2	2.9	2.6	2.4
	230x42	3.8	3.3	3.0	2.7	2.6	2.4	4.8	4.3	4.0	3.6	3.3	3.1
	240x42	3.9	3.4	3.1	2.9	2.7	2.5	5.0	4.5	4.1	3.8	3.4	3.2
	280x42	4.4	4.0	3.6	3.3	3.1	2.9	5.5	5.0	4.7	4.2	3.9	3.6
	290x42	4.5	4.1	3.7	3.4	3.2	3.0	5.7	5.1	4.8	4.3	4.0	3.7
*	140x65	2.9	2.5	2.3	2.1	2.0	1.9	4.0	3.5	3.0	2.7	2.5	2.3
*	180x65	3.7	3.3	2.9	2.7	2.5	2.4	4.8	4.3	3.9	3.5	3.2	3.0
*	240x65	4.7	4.2	3.9	3.6	3.4	3.2	5.9	5.3	5.0	4.7	4.3	4.0
*	280x65	5.2	4.7	4.4	4.2	4.0	3.7	6.6	6.0	5.6	5.2	5.0	4.7
	290x65	5.3	4.9	4.5	4.3	4.1	3.9	6.7	6.1	5.7	5.4	5.1	4.8

Denotes member must have a minimum 65mm bearing length at the internal support(s).

* Indicates Pinetrim XT products available.

Arauco F7: N2/N3 - Verandah Beams | Tile Roof Single & Continuous span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Tiled Roof incl allowance for ceiling, 90kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single Continuous

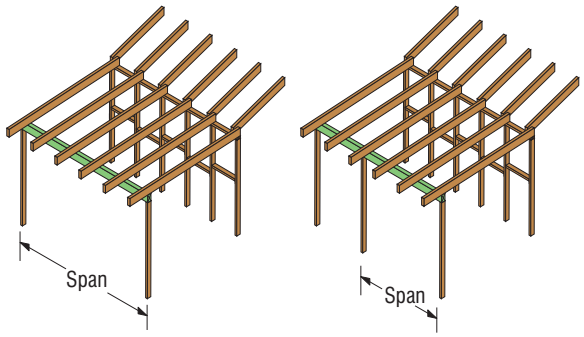
N2/N3		MAXIMUM ALLOWABLE VERANDAH BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4200	1200	1800	2400	3000	3600	4200
Arauco F7	* 90x42	1.1	1.0	0.9	0.0	0.0	0.0	1.5	1.2	1.1	0.9	0.9	0.0
	* 138x42	1.7	1.5	1.4	1.3	1.2	1.1	2.4	1.9	1.7	1.5	1.3	1.2
	* 185x42	2.3	2.0	1.8	1.7	1.6	1.5	3.2	2.6	2.2	2.0	1.8	1.7
	210x42	2.7	2.3	2.1	1.9	1.8	1.7	3.6	3.0	2.5	2.3	2.0	1.9
	* 230x42	2.9	2.5	2.3	2.1	2	1.9	3.9	3.2	2.8	2.5	2.2	2.1
	* 280x42	3.6	3.1	2.8	2.6	2.4	2.3	4.4	3.7	3.3	3.0	2.7	2.3
	140x65	2.0	1.8	1.6	1.5	1.4	1.3	2.8	2.4	2.1	1.9	1.7	1.6
	185x65	2.7	2.4	2.1	2.0	1.9	1.8	3.7	3.2	2.8	2.5	2.2	2.1
	210x65	3.1	2.7	2.4	2.2	2.1	2.0	4.1	3.7	3.2	2.8	2.6	2.3
	230x65	3.4	2.9	2.7	2.5	2.3	2.2	4.4	4.0	3.5	3.1	2.8	2.6
	280x65	4.1	3.6	3.2	3.0	2.8	2.7	5.1	4.6	4.2	3.8	3.4	3.1

Denotes member must have a minimum 65mm bearing length at the internal support(s).
Denotes member must have a minimum 85mm bearing length at the internal support(s).

* Indicates Pinetrim XT products available.

Arauco GL8: N2/N3 - Verandah Beams | Tile Roof Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Tiled Roof incl allowance for ceiling, 90kg/m^2 maximum dead load.
- Design and analysis in accordance with AS1684.1-1999.
- Design limited to maximum 35° pitch.



Single Continuous

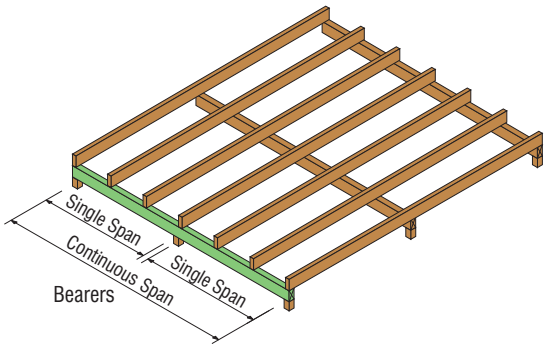
N2/N3		MAXIMUM ALLOWABLE VERANDAH BEAM SPAN (mm)											
		Single Span						Continuous Span					
		Roof Load Width (mm)											
Size		1200	1800	2400	3000	3600	4200	1200	1800	2400	3000	3600	4200
Arauco GL8	90x42	1.1	1.0	0.9	0.0	0.0	0.0	1.5	1.3	1.1	1.0	0.9	0.0
	138x42	1.8	1.5	1.4	1.3	1.2	1.1	2.4	2.0	1.8	1.6	1.4	1.3
	180x42	2.3	2.0	1.8	1.7	1.6	1.5	3.1	2.7	2.3	2.0	1.8	1.7
	185x42	2.4	2.1	1.9	1.7	1.6	1.5	3.2	2.7	2.4	2.1	1.9	1.7
	230x42	2.9	2.6	2.3	2.1	2	1.9	4.0	3.4	2.9	2.6	2.4	2.2
	240x42	3.1	2.7	2.4	2.2	2.1	2.0	4.1	3.5	3.0	2.7	2.5	2.3
	280x42	3.6	3.1	2.8	2.6	2.4	2.3	4.6	3.9	3.4	3.1	2.8	2.5
	290x42	3.7	3.2	2.9	2.7	2.5	2.4	4.7	4	3.5	3.2	2.9	2.5
*	140x65	2.3	2.0	1.8	1.6	1.5	1.5	3.1	2.6	2.2	2.0	1.8	1.6
*	180x65	2.9	2.5	2.3	2.1	2.0	1.9	4.0	3.3	2.9	2.5	2.3	2.1
*	240x65	3.9	3.4	3.1	2.9	2.7	2.5	4.9	4.4	3.8	3.4	3.1	2.8
*	280x65	4.4	4.0	3.6	3.3	3.1	3.0	5.5	5.0	4.4	4.0	3.6	3.3
	290x65	4.5	4.1	3.7	3.4	3.2	3.1	5.7	5.1	4.6	4.1	3.7	3.4

Denotes member must have a minimum 65mm bearing length at the internal support(s).
Denotes member must have a minimum 85mm bearing length at the internal support(s).

* Indicates Pinetrim XT products available.

Arauco F7: Floor/Deck Bearers | Light Weight - Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Light Deck Load, no ceiling, 30kg/m^2 maximum dead load.



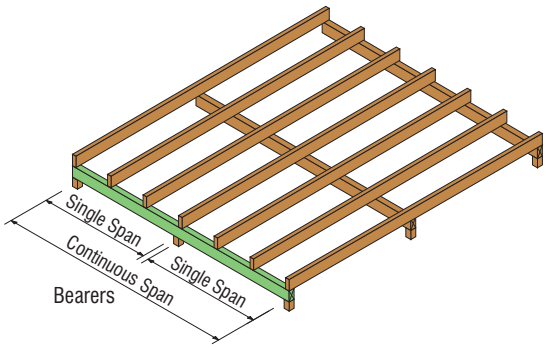
Light		MAXIMUM ALLOWABLE BEARER SPAN (mm)															
		Single Span								Continuous Span							
		Floor Load Width (mm)															
	Size	1200	1500	1800	2100	2400	3000	4000	5000	1200	1500	1800	2100	2400	3000	4000	5000
*	90x42	1.1	1.0	0.9	0.0	0.0	0.0	0.0	0.0	1.1	1.0	0.9	0.0	0.0	0.0	0.0	0.0
*	138x42	1.7	1.6	1.4	1.3	1.2	1.1	0.9	0.0	1.7	1.6	1.4	1.3	1.2	1.1	0.9	0.0
*	185x42	2.4	2.1	1.9	1.8	1.6	1.5	1.3	1.1	2.4	2.1	1.9	1.8	1.6	1.4	1.2	1.0
	210x42	2.7	2.4	2.2	2.0	1.9	1.7	1.4	1.3	2.7	2.4	2.2	2.0	1.9	1.6	1.3	1.2
*	230x42	2.9	2.6	2.4	2.2	2.1	1.8	1.6	1.4	2.9	2.6	2.4	2.2	2.1	1.8	1.5	1.3
*	280x42	3.6	3.2	2.9	2.7	2.5	2.2	1.9	1.7	3.5	3.2	2.9	2.7	2.5	2.2	1.8	1.5
Arauco - F7	140x65	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.0	2.2	2.0	1.8	1.7	1.5	1.4	1.2	1.0
	185x65	2.8	2.6	2.4	2.2	2.1	1.8	1.6	1.4	2.9	2.6	2.4	2.2	2.1	1.8	1.6	1.4
	210x65	3.2	2.9	2.7	2.5	2.3	2.1	1.8	1.6	3.3	3.0	2.7	2.5	2.3	2.1	1.8	1.5
	230x65	3.5	3.2	3.0	2.8	2.6	2.3	2.0	1.8	3.7	3.3	3.0	2.8	2.6	2.3	2.0	1.7
	280x65	4.0	3.8	3.6	3.4	3.1	2.8	2.4	2.1	4.4	4.0	3.6	3.4	3.1	2.8	2.4	2.1
*	2/90x42	1.5	1.4	1.3	1.2	1.1	1.1	0.9	0.0	1.7	1.5	1.4	1.3	1.2	1.1	0.9	0.0
*	2/138x42	2.3	2.1	2.0	1.9	1.8	1.6	1.4	1.3	2.7	2.4	2.2	2.0	1.9	1.7	1.4	1.2
*	2/185x42	3.0	2.8	2.6	2.5	2.4	2.2	1.9	1.7	3.6	3.2	2.9	2.7	2.5	2.2	1.9	1.6
	2/210x42	3.4	3.2	3.0	2.8	2.7	2.5	2.2	1.9	4.0	3.6	3.3	3.1	2.9	2.5	2.2	1.9
*	2/230x42	3.7	3.5	3.3	3.1	3.0	2.8	2.4	2.1	4.3	3.9	3.6	3.3	3.1	2.8	2.4	2.0
*	2/280x42	4.3	4.1	3.9	3.7	3.6	3.4	2.9	2.6	5.0	4.5	4.2	3.9	3.7	3.3	2.9	2.5

Bearer requires a minimum 65mm bearing length at the end support(s)
Bearer requires a minimum 85mm bearing length at the internal support(s)
Bearer requires a minimum 115mm bearing length at the internal support(s)

* Indicates Pinetrim XT products available.

Arauco GL8: Floor/Deck Bearers | Light Weight - Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Light Decking, no ceiling, 30kg/m^2 maximum dead load.



Light — **MAXIMUM ALLOWABLE BEARER SPAN (mm)**

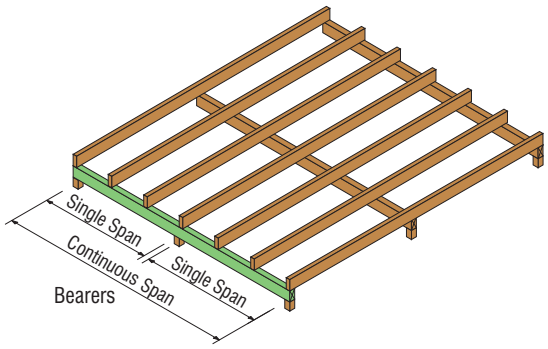
	Size	Single Span								Continuous Span							
		Floor Load Width (mm)															
		1200	1500	1800	2100	2400	3000	4000	5000	1200	1500	1800	2100	2400	3000	4000	5000
Arauco - GL8	90x42	1.2	1.1	1.0	0.9	0.0	0.0	0.0	0.0	1.2	1.1	1.0	0.9	0.0	0.0	0.0	0.0
	138x42	1.8	1.6	1.5	1.4	1.3	1.1	1.0	0.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0	0.9
	180x42	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.1	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.1
	185x42	2.4	2.2	2.0	1.9	1.7	1.6	1.3	1.2	2.5	2.2	2.0	1.9	1.7	1.6	1.3	1.2
	230x42	3.0	2.8	2.5	2.3	2.2	1.9	1.7	1.5	3.1	2.8	2.5	2.3	2.2	1.9	1.7	1.5
	240x42	3.1	2.9	2.6	2.4	2.3	2.0	1.7	1.5	3.2	2.9	2.6	2.4	2.3	2.0	1.7	1.5
	280x42	3.6	3.4	3.1	2.8	2.7	2.4	2.0	1.8	3.7	3.3	3.1	2.8	2.7	2.4	2.0	1.6
	290x42	3.7	3.5	3.2	3.0	2.8	2.5	2.1	1.9	3.8	3.4	3.1	2.9	2.8	2.5	2.0	1.6
	* 140x65	2.3	2.1	1.9	1.8	1.6	1.5	1.2	1.1	2.3	2.1	1.9	1.8	1.6	1.5	1.2	1.1
	* 180x65	3.0	2.7	2.5	2.3	2.1	1.9	1.6	1.4	3.0	2.7	2.5	2.3	2.1	1.9	1.6	1.4
	* 240x65	3.9	3.6	3.3	3.0	2.8	2.5	2.2	1.9	4.0	3.6	3.3	3.0	2.8	2.5	2.2	1.9
	* 280x65	4.4	4.1	3.8	3.5	3.3	3.0	2.5	2.3	4.7	4.2	3.8	3.5	3.3	3.0	2.5	2.3
	290x65	4.5	4.2	4.0	3.7	3.4	3.1	2.6	2.3	4.9	4.4	4.0	3.7	3.4	3.1	2.6	2.3
	2/90x42	1.5	1.4	1.3	1.2	1.1	1.1	0.9	0.0	1.7	1.5	1.4	1.3	1.2	1.1	0.9	0.0
	2/138x42	2.3	2.1	2.0	1.9	1.8	1.6	1.4	1.2	2.6	2.3	2.1	2.0	1.8	1.6	1.4	1.2
	2/180x42	3.0	2.7	2.6	2.4	2.3	2.1	1.8	1.6	3.4	3.1	2.8	2.6	2.4	2.1	1.8	1.6
	2/185x42	3.0	2.8	2.7	2.5	2.4	2.2	1.9	1.7	3.5	3.1	2.9	2.7	2.5	2.2	1.9	1.7
	2/230x42	3.7	3.5	3.3	3.1	3.0	2.8	2.4	2.1	4.3	3.9	3.6	3.3	3.1	2.8	2.4	2.1
	2/240x42	3.8	3.6	3.4	3.3	3.1	2.9	2.5	2.2	4.4	4.0	3.7	3.4	3.2	2.9	2.5	2.2
	2/280x42	4.3	4.1	3.9	3.7	3.6	3.4	2.9	2.6	4.9	4.5	4.1	3.9	3.6	3.3	2.9	2.6
	2/290x42	4.4	4.2	4.0	3.8	3.7	3.5	3.0	2.7	4.9	4.6	4.2	4.0	3.7	3.4	3.0	2.7

Bearer requires a minimum 65mm bearing length at the end support(s)
Bearer requires a minimum 85mm bearing length at the internal support(s)
Bearer requires a minimum 115mm bearing length at the internal support(s)

* Indicates Pinetrim XT products available.

Arauco F7: Floor/Deck Bearers | Heavy Weight - Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Heavy Floor Load, including allowance for ceiling, 90kg/m² maximum dead load.



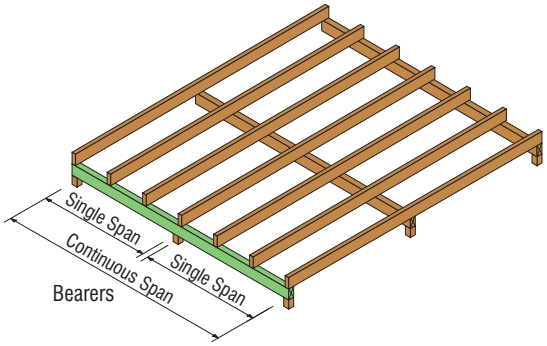
Heavy		MAXIMUM ALLOWABLE BEARER SPAN (mm)															
		Single Span								Continuous Span							
		Floor Load Width (mm)															
	Size	1200	1500	1800	2100	2400	3000	4000	5000	1200	1500	1800	2100	2400	3000	4000	5000
*	90x42	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
*	138x42	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.0	1.6	1.4	1.3	1.2	1.1	0.9	0.0	0.0
*	185x42	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0	2.2	1.9	1.8	1.6	1.5	1.3	1.1	0.9
	210x42	2.4	2.2	2.0	1.9	1.7	1.5	1.3	1.2	2.5	2.2	2.0	1.9	1.7	1.5	1.2	1.1
*	230x42	2.7	2.4	2.2	2.0	1.9	1.7	1.5	1.3	2.7	2.4	2.2	2.0	1.9	1.6	1.3	1.2
*	280x42	3.3	3.0	2.7	2.5	2.3	2.1	1.8	1.6	3.3	2.9	2.7	2.5	2.3	2.0	1.6	1.2
Arauco - F7	140x65	1.9	1.7	1.6	1.5	1.4	1.3	1.1	1.0	2.0	1.8	1.7	1.5	1.4	1.3	1.1	0.9
	185x65	2.5	2.3	2.2	2.0	1.9	1.7	1.5	1.3	2.7	2.4	2.2	2.0	1.9	1.7	1.4	1.2
	210x65	2.8	2.6	2.5	2.3	2.2	1.9	1.7	1.5	3.1	2.7	2.5	2.3	2.2	1.9	1.6	1.4
	230x65	3.1	2.9	2.7	2.5	2.4	2.1	1.8	1.6	3.4	3.0	2.7	2.5	2.4	2.1	1.8	1.5
	280x65	3.7	3.5	3.3	3.1	2.9	2.6	2.2	2.0	4.1	3.7	3.3	3.1	2.9	2.6	2.2	1.9
*	2/90x42	1.3	1.2	1.1	1.1	1.0	0.9	0.0	0.0	1.6	1.4	1.3	1.2	1.1	1.0	0.0	0.0
*	2/138x42	2.0	1.9	1.7	1.7	1.6	1.5	1.3	1.2	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.1
*	2/185x42	2.7	2.5	2.4	2.2	2.1	2.0	1.8	1.6	3.3	2.9	2.7	2.5	2.3	2.1	1.7	1.5
	2/210x42	3.1	2.8	2.7	2.5	2.4	2.2	2.0	1.8	3.7	3.3	3.0	2.8	2.6	2.3	2.0	1.7
*	2/230x42	3.4	3.1	2.9	2.8	2.7	2.5	2.2	2.0	4.0	3.6	3.3	3.1	2.9	2.6	2.2	1.8
*	2/280x42	3.9	3.7	3.6	3.4	3.2	3.0	2.7	2.4	4.6	4.2	3.9	3.6	3.4	3.1	2.6	2.2

Bearer requires a minimum 65mm bearing length at the end support(s)
Bearer requires a minimum 85mm bearing length at the internal support(s)
Bearer requires a minimum 115mm bearing length at the internal support(s)

* Indicates Pinetrim XT products available.

Arauco GL8: Floor/Deck Bearers | Heavy Weight - Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Heavy Floor Load, including allowance for ceiling, 90kg/m^2 maximum dead load.



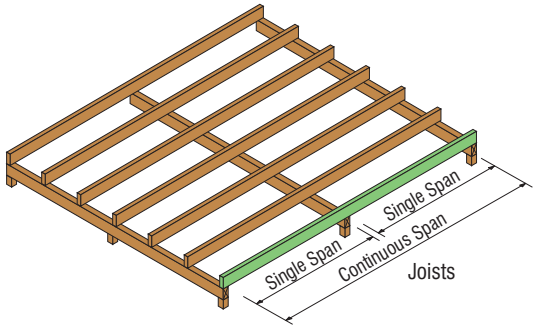
Size		MAXIMUM ALLOWABLE BEARER SPAN (m)															
		Single Span								Continuous Span							
		Floor Load Width (mm)															
Size		1200	1500	1800	2100	2400	3000	4000	5000	1200	1500	1800	2100	2400	3000	4000	5000
Arauco - GL8	90x42	1.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	1.1	1.0	0.9	0.0	0.0	0.0	0.0	0.0
	138x42	1.6	1.5	1.4	1.3	1.2	1.1	0.9	0.0	1.7	1.5	1.4	1.3	1.2	1.1	0.9	0.0
	180x42	2.1	1.9	1.8	1.7	1.6	1.4	1.2	1.1	2.2	2.0	1.8	1.7	1.6	1.4	1.2	1.1
	185x42	2.2	2.0	1.9	1.7	1.6	1.4	1.2	1.1	2.3	2.0	1.9	1.7	1.6	1.4	1.2	1.1
	230x42	2.7	2.5	2.3	2.1	2.0	1.8	1.5	1.4	2.9	2.6	2.3	2.1	2.0	1.8	1.5	1.3
	240x42	2.8	2.6	2.4	2.2	2.1	1.9	1.6	1.4	3.0	2.7	2.4	2.2	2.1	1.9	1.6	1.3
	280x42	3.3	3.0	2.8	2.6	2.5	2.2	1.9	1.7	3.4	3.1	2.8	2.6	2.5	2.2	1.7	1.3
	290x42	3.4	3.2	2.9	2.7	2.5	2.3	1.9	1.7	3.5	3.2	2.9	2.7	2.5	2.3	1.7	1.3
	* 140x65	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0	2.2	1.9	1.8	1.6	1.5	1.3	1.2	1.0
	* 180x65	2.7	2.5	2.3	2.1	2.0	1.7	1.5	1.3	2.8	2.5	2.3	2.1	2.0	1.7	1.5	1.3
	* 240x65	3.6	3.3	3.0	2.8	2.6	2.3	2.0	1.8	3.7	3.3	3.0	2.8	2.6	2.3	2.0	1.8
	* 280x65	4.0	3.8	3.5	3.3	3.1	2.7	2.3	2.1	4.3	3.9	3.5	3.3	3.1	2.7	2.3	2.1
	290x65	4.1	3.9	3.7	3.4	3.2	2.8	2.4	2.2	4.5	4.0	3.7	3.4	3.2	2.8	2.4	2.1
	2/90x42	1.3	1.2	1.1	1.1	1.0	0.9	0.0	0.0	1.6	1.4	1.3	1.2	1.1	1.0	0.0	0.0
	2/138x42	2.0	1.9	1.8	1.7	1.6	1.5	1.3	1.1	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.1
	2/180x42	2.6	2.4	2.3	2.2	2.1	1.9	1.7	1.5	3.2	2.8	2.6	2.4	2.2	2.0	1.7	1.5
	2/185x42	2.7	2.5	2.4	2.2	2.1	2.0	1.8	1.6	3.2	2.9	2.6	2.4	2.3	2.0	1.8	1.6
	2/230x42	3.4	3.1	2.9	2.8	2.7	2.5	2.2	1.9	4.0	3.6	3.3	3.0	2.8	2.5	2.2	1.9
	2/240x42	3.5	3.3	3.1	2.9	2.8	2.6	2.3	2.0	4.1	3.7	3.4	3.2	3.0	2.7	2.3	2.0
	2/280x42	4.0	3.7	3.6	3.4	3.3	3.0	2.7	2.4	4.6	4.2	3.8	3.6	3.4	3.1	2.7	2.4
	2/290x42	4.1	3.8	3.7	3.5	3.4	3.1	2.8	2.5	4.7	4.3	3.9	3.7	3.5	3.1	2.8	2.5

Bearer requires a minimum 65mm bearing length at the end support(s)
Bearer requires a minimum 85mm bearing length at the internal support(s)
Bearer requires a minimum 115mm bearing length at the internal support(s)

* Indicates Pinetrim XT products available.

Arauco F7: Floor/Deck Joists | Light Weight - Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Light Decking, no ceiling, 30kg/m^2 maximum dead load.

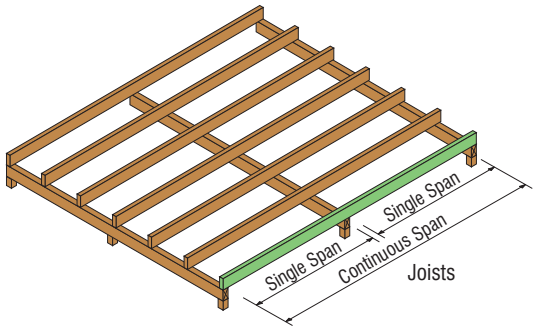


Light		MAXIMUM ALLOWABLE FLOOR JOIST SPAN (mm)									
		Single Span					Continuous Span				
		Floor Joist Spacing (mm)									
Size		300	400	450	480	600	300	400	450	480	600
Arauco - F7	165x30	3.1	2.6	2.4	2.4	2.3	3.8	3.1	2.9	2.9	2.7
*	185x30	3.5	2.9	2.8	2.7	2.6	4.1	3.6	3.3	3.3	3.0
	210x30	4.0	3.4	3.2	3.2	3.0	4.3	3.9	3.7	3.7	3.3
*	230x30	4.4	3.8	3.6	3.5	3.4	4.4	4.0	3.9	3.8	3.5
*	280x30	5.1	4.7	4.5	4.4	4.2	4.7	4.3	4.1	4.0	3.7
*	90x42	1.7	1.4	1.4	1.4	1.3	2.3	1.7	1.6	1.6	1.6
*	138x42	2.9	2.4	2.3	2.2	2.2	3.6	2.9	2.7	2.6	2.5
*	185x42	3.9	3.4	3.2	3.1	3.0	4.5	4.2	3.8	3.8	3.5
	210x42	4.4	3.9	3.7	3.6	3.5	4.9	4.6	4.4	4.4	4.1
*	230x42	4.7	4.4	4.1	4.0	3.8	5.3	4.9	4.8	4.7	4.4
*	280x42	5.4	5.1	5.0	4.9	4.7	6.1	5.7	5.5	5.4	5.1
	140x65	3.4	2.9	2.7	2.7	2.6	4.0	3.6	3.3	3.2	3.0
	185x65	4.4	4.0	3.8	3.7	3.5	5.0	4.6	4.5	4.4	4.2
	210x65	4.9	4.6	4.4	4.3	4.1	5.5	5.1	5.0	4.9	4.6
	230x65	5.2	4.9	4.8	4.7	4.5	5.9	5.5	5.3	5.2	4.9
	280x65	6.0	5.6	5.5	5.4	5.2	6.8	6.4	6.2	6.1	5.7

* Indicates Pinetrim XT products available.

Arauco GL8: Floor/Deck Joists | Light Weight - Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Light Decking, no ceiling, 30kg/m^2 maximum dead load.

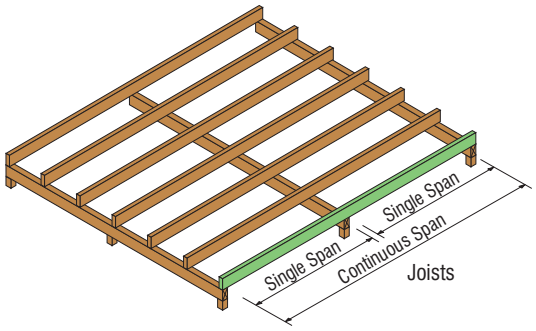


Light		MAXIMUM ALLOWABLE FLOOR JOIST SPAN (mm)									
		Single Span					Continuous Span				
		Floor Joist Spacing (mm)									
Size		300	400	450	480	600	300	400	450	480	600
Arauco - GL8	165x30	3.2	2.6	2.4	2.4	2.3	3.6	3.2	2.9	2.9	2.7
	185x30	3.5	2.9	2.8	2.8	2.7	3.9	3.5	3.3	3.2	2.9
	210x30	4.0	3.4	3.2	3.2	3.1	4.1	3.7	3.6	3.5	3.2
	230x30	4.4	3.8	3.6	3.5	3.4	4.2	3.8	3.7	3.6	3.4
	280x30	5.1	4.8	4.5	4.5	4.2	4.5	4.1	3.9	3.9	3.6
	90x42	1.7	1.4	1.4	1.4	1.3	2.4	1.7	1.6	1.6	1.6
	138x42	2.9	2.4	2.3	2.2	2.2	3.6	2.9	2.7	2.7	2.5
	180x42	3.8	3.3	3.1	3.0	2.9	4.4	4.1	3.7	3.7	3.4
	185x42	3.9	3.4	3.2	3.1	3.0	4.5	4.2	3.8	3.8	3.6
	230x42	4.7	4.4	4.1	4.0	3.9	5.3	4.9	4.8	4.7	4.4
	240x42	4.9	4.6	4.3	4.3	4.0	5.5	5.1	4.9	4.9	4.5
	280x42	5.5	5.1	5.0	4.9	4.7	6.1	5.7	5.5	5.4	5.0
	290x42	5.6	5.3	5.1	5.1	4.8	6.3	5.7	5.5	5.4	5.1
*	140x65	3.7	2.9	2.7	2.7	2.6	4.1	3.6	3.3	3.2	3.1
*	180x65	4.5	3.9	3.6	3.6	3.4	4.9	4.6	4.4	4.4	4.1
*	240x65	5.6	5.2	5.0	5.0	4.7	6.1	5.7	5.5	5.4	5.1
*	280x65	6.3	5.8	5.7	5.6	5.3	6.9	6.4	6.2	6.1	5.8
	290x65	6.4	6.0	5.8	5.7	5.4	7.0	6.6	6.4	6.3	5.9

* Indicates Pinetrim XT products available.

Arauco F7: Floor/Deck Joists | Heavy Weight - Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Heavy Deck Load, including allowance for ceiling, 90kg/m^2 maximum dead load.

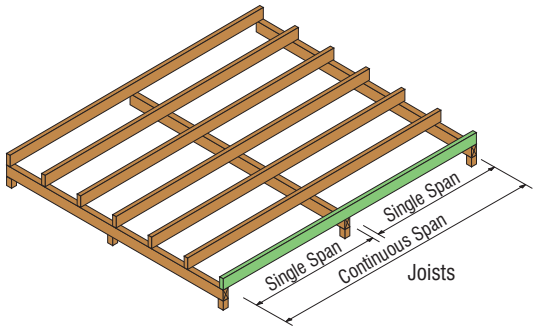


Heavy		MAXIMUM ALLOWABLE FLOOR JOIST SPAN (mm)									
		Single Span					Continuous Span				
		Floor Joist Spacing (mm)									
Size		300	400	450	480	600	300	400	450	480	600
Arauco - F7	165x30	2.7	2.5	2.4	2.3	2.2	3.6	3.1	2.9	2.8	2.5
*	185x30	3.0	2.8	2.7	2.6	2.4	4.1	3.5	3.3	3.2	2.8
	210x30	3.5	3.2	3.0	3.0	2.8	4.5	4.0	3.8	3.6	3.2
*	230x30	3.8	3.5	3.3	3.3	3.0	4.8	4.3	4.1	3.9	3.5
*	280x30	4.6	4.2	4.0	4.0	3.7	5.6	5.1	4.8	4.7	4.2
*	90x42	1.6	1.5	1.4	1.4	1.3	2.3	2.0	1.8	1.8	1.5
*	138x42	2.5	2.3	2.2	2.2	2.0	3.5	3.1	2.9	2.8	2.5
*	185x42	3.4	3.1	3.0	2.9	2.7	4.5	4.2	3.9	3.8	3.3
	210x42	3.8	3.5	3.4	3.3	3.1	4.9	4.6	4.4	4.3	3.8
*	230x42	4.2	3.8	3.7	3.6	3.4	5.3	4.9	4.8	4.7	4.2
*	280x42	4.9	4.6	4.5	4.4	4.1	6.1	5.7	5.5	5.4	5.1
	140x65	3.0	2.7	2.6	2.5	2.4	4.0	3.7	3.5	3.5	3.1
	185x65	3.9	3.6	3.4	3.4	3.1	5.0	4.6	4.5	4.4	4.2
	210x65	4.4	4.0	3.9	3.8	3.5	5.5	5.1	5.0	4.9	4.6
	230x65	4.7	4.4	4.2	4.2	3.9	5.9	5.5	5.3	5.2	4.9
	280x65	5.4	5.1	5.0	4.9	4.6	6.8	6.4	6.2	6.1	5.7

* Indicates Pinetrim XT products available.

Arauco GL8: Floor/Deck Joists | Heavy Weight - Single & Continuous Span

- All members are manufactured from H3 Treated Radiata to either a GL8, GL10 or F7 structural grade and are to be used in accordance with the relevant span table.
- Structural members deemed satisfactory to meet the provisions outlined in AS1170 Parts 1 & 2 : Structural Design Actions.
- Finger Jointing and adhesives to meet Service Conditions outlined in AS5068 : 2006 Finger Joints in Structural Products.
- Construction details should be in accordance with AS1684.2 : Residential Timber-Framed Construction.
- Heavy Deck Load, including allowance for ceiling, 90kg/m^2 maximum dead load.



Heavy		MAXIMUM ALLOWABLE FLOOR JOIST SPAN (mm)									
		Single Span					Continuous Span				
		Floor Joist Spacing (mm)									
Size		300	400	450	480	600	300	400	450	480	600
Arauco - GL8	165x30	2.7	2.5	2.4	2.3	2.2	3.5	3.0	2.8	2.7	2.5
	185x30	3.1	2.8	2.7	2.6	2.4	3.9	3.4	3.2	3.1	2.8
	210x30	3.5	3.2	3.0	3.0	2.8	4.4	3.8	3.6	3.5	3.1
	230x30	3.8	3.5	3.3	3.3	3.0	4.8	4.1	3.9	3.8	3.4
	280x30	4.6	4.2	4.1	4.0	3.7	5.6	4.9	4.6	4.5	4.0
	90x42	1.7	1.5	1.4	1.4	1.3	2.2	1.9	1.8	1.8	1.6
	138x42	2.5	2.3	2.2	2.2	2.0	3.4	3.0	2.8	2.7	2.4
	180x42	3.3	3.0	2.9	2.9	2.7	4.4	3.9	3.7	3.5	3.2
	185x42	3.4	3.1	3.0	2.9	2.7	4.5	4.0	3.8	3.6	3.3
	230x42	4.2	3.9	3.7	3.6	3.4	5.3	4.9	4.7	4.5	4.1
	240x42	4.4	4.0	3.9	3.8	3.5	5.5	5.1	4.9	4.7	4.2
	280x42	4.9	4.6	4.5	4.4	4.1	6.1	5.7	5.5	5.5	4.9
	290x42	5.1	4.7	4.6	4.6	4.3	6.3	5.9	5.7	5.6	5.1
*	140x65	3.3	3.0	2.9	2.8	2.6	4.1	3.7	3.5	3.4	3.1
*	180x65	4.2	3.8	3.7	3.6	3.4	4.9	4.6	4.4	4.4	3.9
*	240x65	5.2	4.9	4.8	4.7	4.5	6.1	5.7	5.5	5.4	5.1
*	280x65	5.8	5.5	5.4	5.3	5.0	6.9	6.4	6.2	6.1	5.8
	290x65	6.0	5.6	5.5	5.4	5.1	7.0	6.6	6.4	6.3	5.9

* Indicates Pinetrim XT products available.

WARRANTY

This Warranty applies to Hume Doors & Timber Pinetrim XT® F7 and GL8 structural products supplied for use in an external structural application.

Warranty Period:

- 25 Year Treatment guarantee from proof of purchase.
- All enquiries relating to this Warranty must be directed to the supplier or installer in the first instance.

Hume Doors & Timber Warrants That:

At the time of delivery to the merchant or site (where applicable), Pinetrim XT will be free from factory defects and conforms to the current Hume Doors & Timber warranted condition.

In The Event of Proven Product Failure of Pinetrim XT® to Meet the Warranted Condition, Subject to the Terms of This Warranty, the Following Applies:

- Hume Doors & Timber will, at its discretion, supply replacement Pinetrim XT without charge, or refund the value of the product. The installer will be responsible for the cost of removing and installing any replacement materials.
- Other losses or damage caused by product failure are not covered.
- Hume Doors & Timber's obligations under this Warranty are limited to the replacement of defective Pinetrim XT or the value of the Pinetrim XT. The value of the materials will be reduced pro-rata based on the remaining life of the product.
- Hume Doors & Timber reserves the right to supply other compatible materials for repair should the warranted materials no longer be supplied by Hume Doors & Timber.

This Warranty is Subject To:

- Proof of date of purchase of the product.
- Evidence of failure.
- Receipt of a written claim from the claimant either within 30 days of when the defect would have become reasonably apparent or, if the defect was reasonably apparent prior to installation, then the claim must be made prior to installation. The claim must include full details of the alleged defect, including a copy of the proof of purchase. Any claim is subject to inspection by Hume Doors & Timber before any remedial action is undertaken.
- Evidence satisfactory to Hume Doors & Timber that all storage, handling and maintenance requirements (as advised by Hume Doors & Timber) has been carried out.
- The Warranty does not cover failure or problems caused by defective use, failure relating to improper design of the project structure, structural failure, settlement, movement of materials to which the product is attached or dependent on, acts of God including but not limited to earthquakes, cyclones, floods or other severe weather conditions, inadequate maintenance, growth of mould, mildew, fungi, bacteria or any organism on any product, or acts or omissions of a third party over whom Hume Doors & Timber has no control.
- The Warranty does not cover product failure arising from the failure to follow Hume Doors & Timber design, installation, storage, handling or maintenance advice.
- Normal wear and tear is excluded from this Warranty.

M&B

QUALITY BUILDING PRODUCTS

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