

## Certificate of Compliance Butt Jointed (Nail Plated) Rafters

This is to certify that the following products are in compliance with **AS 1720.1 Timber Structures – Design Methods**, the supplements of **AS 1684.2 – 2010 Residential Timber Framed Construction**, and as described in **NCC2016**.

Product	Description
Butt Jointed Rafters 120x35	Nail Plated MGP10 framing members

The MGP members used in the above mentioned product were tested, graded and certified to the following standards:

- AS/NZS 1748.1 “*Timber – Solid – Stress Graded for Structural Purposes, Part 1: General requirements*”,
- AS/NZS 4490 “*Timber – Solid – Stress graded for structural purposes – Verification of properties*”
- And audited under the “*Solid Timber Certification Scheme STCS*” by EWPA to properties tabulated in AS 1720.1 “*Timber Structures, Part 1: Design methods*”.

The Butt Jointed Rafters and nail plates are engineer designed and certified by the nail plate manufacturer “MiTek” in accordance with AS 1720.1 and AS 1684.2 span tables as per the enclosed certificate.

### Product details:

<b>Use</b>	<ul style="list-style-type: none"> <li>- (Envelope treated) Roof Rafters inside &amp; above ground in non-cyclonic areas south of the Tropic of Capricorn as specified in AS1720.1, AS 1684.2 and its supplements, and AS 1604.1.</li> <li>- Refer to enclosed design details.</li> <li>- If (Blue Treated) please refer Wespine’s SDS “<b>H2F Treated Plantation Pine</b>” published on Wespine’s website.</li> </ul>
<b>Wind classification/Loading</b>	- N1 to N3 In accordance with AS 4055.
<b>Exposure conditions</b>	- Must be protected from wetting as per AS 1720.1, and AS 1604.1.
<b>Installation, loads, spans and fastening requirements</b>	<ul style="list-style-type: none"> <li>- In accordance with AS 1720.1.</li> <li>- Spans as per 120x35 MGP10 Span tables of AS 1684.2.</li> <li>- Fastening requirements as per AS 1684.2.</li> </ul>
<b>Requirements for maintaining compliance with NCC</b>	- Comply with loads/spans, hazard and wind classes as specified in AS 1720.1, AS 1684.2, AS 1604.1 as well as AS 4055.

This certificate is applicable for H2F treated 120x35 Butt Jointed (Nail plated) Roof Rafters manufactured by Wespine Industries Pty Ltd.

Sincerely,



Rami Fares  
BEng (Civil), MIEAust  
Product & Process Engineer

### Wespine Industries Pty Ltd

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November 6, 2018

Attention: Rami Fares  
 Wespine Industries  
 Moore Rd, Dardanup West WA

**Subject: Butt Joining Rafters**


This is to confirm that roof Rafters complying with the following design criteria can be supplied as butt joined 120x35 MGP10, joining plate to be GE100200D2 both sides. Manufacture of the ConstructaBEAM rafters is to be in accordance with ABRS-0002 Specification for Butt-Joined ConstructaBEAMS. This certification is limited to the Scope defined in AS1684.2:2010.

**Design Details:**

<b>Roof Material</b>	Sheet Metal or Concrete Tiles
<b>Design Wind</b>	Max Classification N3
<b>Rafter Centres</b>	Max 900 mm
<b>Max Pitch</b>	35 degrees
<b>Support condition</b>	Single Span or Continuous
<b>Max Span</b>	As for 120x35 MGP10 in accordance with AS1684.2:2010 span tables
<b>Max Overhang</b>	As for 120x35 MGP10 in accordance with AS1684.2:2010 span tables

The undersigned certifies that the details shown have been designed in accordance with the relevant Australian Standards.

Sincerely,



Tim Rossiter  
 State Manager – NSW & WA  
 BE (Civil) (Hons)  
 MiTek Australia Ltd.