

# WAIPAPA PINE H4, H5, AND H6 RS/MG SG8 FRAMING TIMBER

## PURPOSE

Waipapa Pine H4, H5, and H6 RS/MG SG8 framing timber can be used as structural members for external uses including in-ground applications.

## EXPLANATION

Waipapa Pine H4, H5, and H6 RS/MG are structural-grade framing timbers for external and in-ground applications. Manufactured from sustainably sourced New Zealand plantation radiata pine, it is available wet and kiln dried to enhance stability. The timber is CCA treated to hazard classes H4, H5, and H6, making it suitable for external and in-ground uses and meeting the requirements of NZS 3640:2003, for using including but not limited to:

- H4 – In-ground posts for fencing, landscape structures, and retaining walls
- H5 – In-ground standard and piles for building subfloor construction and retaining walls
- H6 – Marine and coastal applications.

Waipapa Pine H4, H5 and H6 RS/MG SG8 Framing Timber is available in both machine gauged (MG) and rough sawn (RS) variations, and is available in the following dimensions (mm):

- |    |   |  |
|----|---|--|
| H4 | ➤ MG Framing - 70 x 45, 90 x 45, 140 x 45, 190 x 45, 240 x 45, 290 x 45 | ➤ MG Post - 90 x 90  |
|    | ➤ MG Ceiling batten - 70 x 35 and 140 x 35                              | ➤ RS Framing - 75 x 50, 100 x 50, 150 x 50, 200 x 50, 300 x 50, 150 x 40, and 100 x 25 |
| H5 | ➤ MG Framing - 140 x 45   | ➤ RS Framing - 75 x 50, 100 x 50, 150 x 50, 200 x 50                                   |
|    | ➤ MG Post - 90 x 90   | ➤ RS Post - 100 x 100.   |
| H6 | ➤ MG 75 x 50, 100 x 50, 100 x 25.                                       |  |



For further assistance please contact:

- ☎ 09 438 7232
- ✉ info@wpine.co.nz
- 🌐 [waipapapine.co.nz](http://waipapapine.co.nz)
- RS Post - 100 x 100.

## SCOPE AND LIMITATIONS OF USE

Scope	Limitations
<b>Location</b> In wind zones up to and including extra high as defined in NZS 3604:2011 or specifically designed in accordance with AS/NZS 1170.0:2002. In any seismic or snow zone. Any proximity to a relevant boundary.	➤ Where located within 1 m of the relevant boundary, the use is subject to design by a fire engineer.
<b>Building</b> Where the balance of the primary structure complies with the relevant provisions of the NZ Building Code or in the case of an existing building, where the designer has established it is suitable for the intended building work. As a structural member in or associated with timber framed buildings or as a structural member in an external structure including fence and retaining wall posts.	➤ The design and specification of Waipapa Pine H4, H5 and H6 RS/MG SG8 Framing Timber must be in accordance with NZS 3604:2011 or be specifically designed in accordance with AS/NZS 1170.0:2002. ➤ Galvanised or stainless steel fastenings or structural brackets are recommended. ➤ The hazard class selected must be appropriate to the application, in accordance with B2/AS1.

## USEFUL INFORMATION

For design, installation and maintenance information, refer to [waipapapine.co.nz](http://waipapapine.co.nz).

## PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Waipapa Pine requirements, Waipapa Pine H4, H5, and H6 RS/MG SG8 Framing Timber will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	Compliance statement	BASIS OF COMPLIANCE Demonstrated by
<b>B1 STRUCTURE</b> B1.3.1, B1.3.2 B1.3.3 (a,b,f,g,h) B1.3.4	VERIFICATION METHOD B1/VM1 or ACCEPTABLE SOLUTION B1/AS1	<ul style="list-style-type: none"> <li>Manufactured in accordance with NZS 3622:2004, cited in B1/VM1, NZS 3603:1993 and NZS 3604:2011.</li> <li>Compliant with NZS 3622:2004 [Grade Right, 20/6/2023; n.d.a; n.d.b].</li> </ul>
<b>B2 DURABILITY</b> B2.3.1(a)	ACCEPTABLE SOLUTION B2/AS1	<ul style="list-style-type: none"> <li>H4, H5 and H6 treated to NZS 3640:2003 as modified by B2/AS1.</li> <li>Treatment compliance audited by Grade Right Treat Right Program [Grade Right, 1/4/2023; n.d.].</li> </ul>
<b>F2 HAZARDOUS BUILDING MATERIALS</b> F2.3.1	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> <li>Where used in an open or ventilated area the treatment will not present any adverse health effects, provided personal protective equipment is used.</li> <li>Use in accordance with manufacturer's safety instructions.</li> </ul>

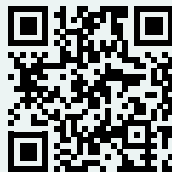
## SOURCES OF INFORMATION

- Grade Right. [20/06/2023] Grade Verified Program. NZS3622: 2004 Verification of timber properties.
- Grade Right. [n.d.a] Grade Verified QA Program membership certificate. Expiry date 31/03/2025.
- Grade Right. [n.d.b] Grade Verified QA Program membership certificate. Expiry date 31/03/2025.
- Grade Right. [01/04/2023] Treat Right Program. NZS 3640:2004 Chemical preservation of round and sawn timber.
- Treat Right. [n.d.] Treat Right Program membership certificate. Expiry date 31/03/2025.



SCAN OR CLICK THIS QR CODE TO ACCESS OR REQUEST THE RELEVANT SUPPORTING DOCUMENTATION FOR THIS PASS™.

[waipapapine.co.nz](http://waipapapine.co.nz)



1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable. 2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards. 3. The product is not subject to a warning or ban under section 26 of the Building Act. 4. For overseas manufacturer details, where applicable, refer to the company that is the holder of this pass™. 5. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™. 6. The availability of the information about the supplied products required to be disclosed under s14G(3) is the responsibility of the company that is the holder of this pass™.

Waipapa Pine Ltd confirms that if Waipapa Pine H4, H5, and H6 RS/MG SG8 Framing Timber is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14G(2) of the Building Act.

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**NZBN:** 9429030728455

*Kevin Brunton*

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of Waipapa Pine Ltd has been undertaken in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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