

PRODUCT TECHNICAL STATEMENT & BUILDING PRODUCT INFORMATION SHEET

CLASS I

NOVEMBER 2023

Product Name: 68x34 LASERFRAME CEILING BATTEN



Application: CEILING BATTEN

Product Description and Intended Use:

Laserframe Ceiling Batten is a timber batten manufactured by Carter Holt Harvey Building Products Limited, trading as Carter Holt Harvey Timber (CHH Timber) for use as ceiling batten in residential buildings. Laserframe Ceiling Batten is available H1.2 Boron treated as a solid 68x34 timber section or finger-jointed in 5.4 metre lengths. 68x34 Laserframe Ceiling Batten will meet or exceed the performance requirements of the 70x35 merch grade ceiling batten specified in Table 13.1 of NZS 3604, Ceiling Battens.

The durability of Laserframe Ceiling Batten is subject to the requirements of NZS 3602, Timber and wood-based products for use in building, as modified by Durability Clause B2 of the New Zealand Building Code.

Product Identifier:

All Laserframe ceiling battens are marked or end tagged with "Carter Holt Harvey Woodproducts" or chh.com and branded for treatment in accordance with NZS 3640, Chemical preservation of round and sawn timber. An example of an end tag is shown below:



Place of manufacture:

Kawerau and Nelson, with some treatment processes completed at Kinleith, New Zealand

Legal and trading name of the manufacturer:

Carter Holt Harvey Building Products Limited, trading as CHH Timber

Address for Service:

173 Captain Springs Road, Onehunga
Auckland 1061, New Zealand

Website: www.chhwoodproducts.co.nz

Email Address: info@chhwoodproducts.co.nz

Phone Number: 0800 746 399

NZBN: 9429041671504

Relevant New Zealand Building Code Clauses:

- Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.3 (a, b, c, h, q), B1.3.4(d), B1.3.6
- Clause B2 Durability: Performance B2.3.1(a)
- Clause F2 Hazardous Building Materials: F2.3.1

Statement on how the building product is expected to contribute to compliance:

Laserframe will, if specified and employed in accordance with the prescribed span, loading and installation requirements, assist in meeting the following provisions of the NZBC:

Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.3 (a, b, c, h, q), B1.3.4(d), B1.3.6

The design properties of Laserframe Ceiling Batten, including finger jointed battens, are tested as part of an internal quality controlled process to meet or exceed the performance requirements of NZS 3604 Table 13.1, Ceiling Battens.

Clause B2 Durability: Performance B2.3.1(a)

Laserframe Ceiling Battens are H1.2 treated in accordance with the requirements of NZS 3640. Where battens are finger jointed, the adhesive used is a Type II adhesive in accordance with AS/NZS 4364, Timber - Bond performance of structural adhesives. As such, for Durability, finger jointed Laserframe Ceiling Battens will form part of an Alternative Solution and comply with the requirements of the NZ Building Code.

Clause F2 Hazardous Building Materials: F2.3.1

Laserframe ceiling battens meet this requirement and will not present a health hazard to people.

Limitations on the use of the building product:

- Laserframe Ceiling Battens may not be used in applications other than for use as a ceiling batten in accordance with NZS 3604.
- Please refer to the current Laserframe literature for information, limitations, and cautions regarding the storage, handling, installation, usage, and maintenance of Laserframe.

Design requirements that would support the appropriate use of the building product:

The design properties of Laserframe Ceiling Batten, including finger jointed battens, are tested as part of an internal quality controlled process to meet or exceed the performance requirements of NZS 3604 Table 13.1, Ceiling Battens.

Laserframe Ceiling Battens may not be used in applications other than for use as a ceiling batten in accordance with NZS 3604.

Installation requirements:

Laserframe Ceiling Battens are to be installed in accordance with the specifications and installation details described in for ceiling battens NZS 3604.

Maintenance Requirements:

Laserframe Ceiling Battens will not normally require maintenance.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

Yes No

Date: 21st November 2023

Additional Information:

Further to the minimum regulatory requirements for Building Product information Sheets, CHH Timber also provides the following additional information in relation to Quality Assurance, Sustainability, Service Life and Product Support.

Quality Assurance:

CHH Timber has strict quality assurance processes in place to monitor that Laserframe adequately satisfies performance requirements above. CHH Timber also has quality assurance processes in place to monitor that its range of products satisfy the penetration and retention requirements for treatment in accordance with NZS 3640. Independent Verification Services (IVS) has been contracted to undertake independent, third-party auditing of CHH Timber's internal treatment processes at our treatment sites. Independent audit inspections are carried out bi-annually and include an audit of the treatment process and procedures. IVS also complete the verification of each treatment batch/charge for compliance with NZS 3640.

Sustainability:

Carter Holt Harvey's commitment to the environment is fundamental to its business. From the use of plantation forests to promoting policies minimizing waste and emissions, CHH is proud of the sustainable base for its products.

CHH Timber takes its environmental responsibility seriously with each facility having waste handling procedures to optimise recovery and manage the use of arisings whilst limiting waste. This starts with the use of only radiata pine sourced from sustainably managed renewable plantation and includes the application of optimisation algorithms for saw patterns and log rounding to enhance finished goods recovery, as well as the development of markets for the downgrading of arising product for use in industrial applications including packaging. All waste product derived is assessed for downstream applications including bark, boiler fuel and/or sold for use in wood fibre products.

BIOMASS-FUELS

CHH Timber Nelson sawmill actively uses waste material arising from processing activities as an important energy source to generate heat used in kiln drying of timber.

GEOTHERMAL ENERGY

Where possible, CHH takes advantage of the opportunity to use earth's natural resources. Located near one of New Zealand's geothermal energy fields, CHH Timber Kawerau sawmill utilises geothermal energy as part of its kiln drying process.

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

The CHH Timber EPD is a demonstration of the continual focus and commitment to sustainability, through a science driven, independently verifiable process with standard methodology across all products.

View and Download CHH Timber EPD

<https://chhwoodproducts.co.nz/assets/CHHTimberEPDCurrent.pdf>

ENVIRONMENT, SOCIAL AND GOVERNANCE (ESG)

Carter Holt Harvey has developed a new ESG reporting programme. The company has focused on setting out what its stakeholders have identified as material ESG issues, how it manages, or plans to manage those issues, and key environmental indicators. In the future, Carter Holt Harvey will celebrate its ESG achievements and acknowledge those areas where it needs to improve, keeping on a path of steady improvement that will further strengthen Carter Holt Harvey in the years to come.

View and Download the ESG Report -

<https://chhwoodproducts.co.nz/assets/CarterHoltHarveyESGReportCurrent.pdf>

FSC® AND SUSTAINABILITY ACCREDITATIONS

CHH Timber sources logs from sustainably managed plantation forests, and has the Forest Stewardship Council® (FSC®) Chain of Custody certification (FSC® C011498 and FSC® C021357). This measure provides a formal assurance that gives CHH Timber's customers confidence about its sustainability credentials. CHH Timber's products can be supplied with a FSC certificate on request.

View And Download Certificates

https://chhwoodproducts.co.nz/assets/CHHTimberFSC_CertificateNelsonCurrent.pdf

https://chhwoodproducts.co.nz/assets/CHHTimberFSC_CertificateKawerauMillCurrent.pdf

CARTER HOLT HARVEY ENVIRONMENTALLY RESPONSIBLE WOOD & WOOD FIBRE PROCUREMENT POLICY

View and download Carter Holt Harvey's Wood & Wood Fibre Procurement Policy –

<https://chhwoodproducts.co.nz/assets/Uploads/CHH-Environmentally-Responsible-Wood-Wood-Fibre-Policy-Current.pdf>

Service Life:

Laserframe Ceiling Battens will continue to satisfy the relevant performance requirements of the NZBC for 50 years provided that all of the requirements set out in this Product Technical Statement are satisfied and Laserframe Ceiling Battens are installed in accordance with the specifications and installation details described in NZS 3604.

Product Support:

CHH Timber provides extensive product support for our full range of wood based building products. By visiting www.chhwoodproducts.co.nz you can access all the latest information regarding our products including Product Guides, Specification and Installation Guides, Technical Notes, Information Bulletins, CAD Drawings, Design Software and other useful information.

In addition to this CHH Timber have a team of Technical Experts available to assist with any product enquiries. You can contact the team by calling 0800 746 399 or by emailing info@woodproducts.co.nz

Legal Disclaimer:

The information contained in this document is current as at the published date and is based on data available to CHH Timber at the time of going to print. CHH Timber reserves the right to change the information contained in this document without prior notice. It is your responsibility to ensure that you have the most up to date information available. You can call toll free on 0800 746 399 or visit www.chhwoodproducts.co.nz to obtain current information.

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