

PRODUCT TECHNICAL STATEMENT & BUILDING PRODUCT INFORMATION SHEET

CLASS I
NOVEMBER 2023

Product Name: PINEX House Piles

Application: Ordinary House Piles

Pinex[®]

Product Description and Intended Use:

Pinex Ordinary House Piles are structural timber piles manufactured by Carter Holt Harvey Building Products Limited, trading as Carter Holt Harvey Timber (CHH Timber) for use as normal piles for residential framing in accordance with Timber Framed Buildings (NZS 3604). Pinex House Piles are available 125x125mm supplied H5 CCA treated for use in direct contact with the ground.

Pinex House Piles are suitable for use as ordinary house piles in the framing of houses and similar buildings in accordance with the requirements of NZS 3604, Section 6.4 Piles.

Product Identifier:

All PINEX Ordinary House Piles are marked in accordance with the requirements of NZS 3605 and include the brand name Pinex, the treatment level to NZS 3640, H5, the word PILE. An example of Ordinary House Pile branding is given below:



Place of manufacture:

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, g, q), B1.3.4(d)
- Clause B2 Durability: Performance B2.3.1 when used and treated to the requirements of NZS 3602 as modified by B2/AS1
- Clause F2 Hazardous Building Materials: F2.3.1

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

Pinex Ordinary House Piles 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, g, q), B1.3.4(d)

Pinex Ordinary House Piles are visually graded to the requirements of NZS 3605 Timber Piles and Poles for use in Building (NZS 3605). NZS 3605 is referenced in NZS 3604 and forms part of Acceptable Solution B1/AS1, 3.1.

Clause B2 Durability: Performance B2.3.1 when used and treated to the requirements of NZS 3602 as modified by B2/AS1

Pinex Ordinary House Piles are available treated to a H5 level meeting the requirements of Clause B2 (Durability) of the NZBC. As such it will form part of an Acceptable Solution and comply with the requirements of the NZBC.

Clause F2 Hazardous Building Materials: F2.3.1

Pinex Ordinary House Piles meets this requirement and will not present a health hazard to people.

Limitations on the use of the building product:

- Pinex Ordinary House Piles must be installed in accordance with the requirements of NZS 3604. Where cuts, holes, or notches have been included, the processed area shall be well dried and be brush on treated with a liberal applications of either creosote, zinc naphthenate, TBTO or TBTN. The surface shall not be cut for fixings and other purposes closer than 150 mm from finished ground level.
- Pinex Ordinary House Piles must **not** be used in lateral load capacity systems.
- All Pinex Outdoor Timber is treated for extended life. The protection is compromised if the treated timber is cut or drilled. If processing after treatment is unavoidable, be sure to protect the affected parts by brushing on liberal quantities of an approved preservative, e.g. Enseal or Metalex. Ends cut after treatment must not be put into the ground, nor closer than 300mm to the ground and, where possible, should be continuously protected from the weather.
- Please refer to the current Pinex literature for information, limitations, and cautions regarding the storage, handling, installation, usage, and maintenance of Pinex House Piles.

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

Pinex House Piles are suitable for use as ordinary house piles in the framing of houses and similar buildings in accordance with the requirements of NZS 3604, Section 6.4 Piles.

Installation requirements:

Pinex Ordinary House Piles are to be installed in accordance with the specifications and installation details described in NZS 3604, and good building practice.

Maintenance Requirements:

Pinex Ordinary House Piles 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 Pinex Ordinary House Piles adequately satisfy the visual requirements. Independent audit inspections are carried out bi-annually by assessing the competence of personnel in relation to skills and knowledge requirements.

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 optimization

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.

GEOHERMAL 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:

Pinex Ordinary House Piles 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 Pinex Ordinary House Piles 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 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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