

PRODUCT TECHNICAL STATEMENT & BUILDING PRODUCT INFORMATION SHEET

CLASS I

November 2023

Product Name: hyPLANK

Application: Non-modular scaffold plank

futurebuild 

Product Description and Intended Use:

Futurebuild LVL hyPLANK® is a strong, lightweight Laminated Veneer Lumber (LVL) scaffolding plank. The structural uniformity of LVL combined with the strict quality control processes of manufacture ensures hyPLANK is safe and fit for purpose as a scaffold plank.

hyPLANK is suitable for use as a non-modular scaffold plank as a part of a working platform in accordance with the requirements of AS/NZS 1576.1:2010 Scaffolding – Part 1: General Requirement and AS/NZS 1577:2013 Scaffold Decking Components together with the “Scaffolding in New Zealand Good Practice Guidelines”, November 2016, specifically Section 8.9 Planks.

Literature covered by this Product Technical Statement;

- hyPLANK Guide - New Zealand Edition

hyPLANK is not subject to NZBC Clause B2 Durability requirements because the components are plant items that will be replaced after repeated use and inspection deems the components to be worn or unsuitable.

Product Identifier:

All Futurebuild LVL products are face branded in accordance with the requirements of AS/NZS 4357, and include the stress grade/brand name, bond type (A for structural LVL), formaldehyde emissions class, and reference to AS/NZS 4357.

Further each hyPLANK is permanently indent branded along the edge with the following information:

- hyPLANK – for identification.
- AS/NZS 1577:2013 – indicating compliance with the performance requirements.
- Max Span = 1.4m – Maximum span in metres for Heavy Duty working load limit.
- WLL = 345kg UDL – Working Load Limit in kg corresponding to Heavy Duty Action.
- Month/Year – Month and year corresponding to date of original plank proof testing.
- AS/NZS 4357.0 - indicating compliance with the manufacturing standard.
- EWPA – Indicating Product Certification to the Engineered Wood Products Association of Australasia (EWPA).
- JAS-ANZ – indicating EWPA’s accreditation as a JAS-ANZ product certification body for AS/NZS 4357.
- Mill No 918 – Futurebuild® Mill No registration with the EWPA.
- Made by CHH – indicating manufacture by Carter Holt Harvey LVL Limited, trading as Futurebuild LVL.

Place of manufacture: Marsden Point, New Zealand

Legal and trading name of the manufacturer: Carter Holt Harvey LVL Limited, trading as Futurebuild® LVL

Address for Service:

173 Captain Springs Road, Onehunga
Auckland 1061, New Zealand

Website: www.futurebuild.co.nz

Email Address: info@futurebuild.co.nz

Phone Number: 0800 808 131

NZBN: 9429046427342

Relevant New Zealand Building Code Clauses:

- Clause F2 Hazardous Building Materials: F2.3.1

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

hyPLANK will assist in meeting the following provisions of the NZBC:

Clause F2 Hazardous Building Materials: F2.3.1

Futurebuild LVL meets this requirement and will not present a health hazard to people.

Limitations on the use of the building product:

- hyPLANK LVL scaffold planks are only intended for use as a scaffold plank. Use for any other purpose voids continued use as a scaffold plank. Because hyPLANK is a reusable product regular inspection and, as required, proof testing form part of ongoing use.
- Please refer to the current hyPLANK LVL literature for information, limitations, and cautions regarding the storage, handling, installation, usage, and maintenance of LVL.

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

hyPLANK is suitable for use as a non-modular scaffold plank as a part of a working platform in accordance with the requirements of AS/NZS 1576.1:2010 Scaffolding – Part 1: General Requirement and AS/NZS 1577:2013 Scaffold Decking Components together with the “Scaffolding in New Zealand Good Practice Guidelines”, November 2016, specifically Section 8.9 Planks.

Before despatch, each hyPLANK is individually proof tested to verify that when tested, the strength of each hyPLANK exceeds the bending moment arising from the application of the working loads as set out in Table 2 of hyPLANK New Zealand Edition for the corresponding maximum spans.

Installation requirements:

hyPLANK LVL members are to be installed in accordance with traditionally recognised scaffolding practice.

Maintenance Requirements:

hyPLANK Scaffold Planks are only intended for use as a scaffold plank ie. for the support of persons, equipment and materials on scaffold constructed and loaded to the requirements of the abovementioned standards and good practice guides.

Use for any other purpose voids continued use as a scaffold plank. hyPLANK used for any other purpose (or subject to trauma) should:

- Have edge labelling on both sides planed off.
- Be indelibly and permanently marked by painting or stenciling as no longer suitable for use as a scaffold plank.

For best durability and longest re-use potential of hyPLANK refer to Section 2.0 Care, storage and maintenance of the hyPLANK Guide - New Zealand Edition brochure.

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, Futurebuild LVL also provides the following additional information in relation to Quality Assurance, Sustainability, Service Life and Product Support.

Quality Assurance:

Futurebuild LVL has strict quality assurance processes in place to monitor that Futurebuild LVL is manufactured in a manner that meets both the structural and visual requirements of the specific product.

Futurebuild LVL is independently third party audited by the EWPAA. The EWPAA certifies Futurebuild LVL manufactured at its Marsden Point mill.

Participation and compliance with the requirements of the EWPAA's process based quality control scheme includes product testing and monitoring of properties. It provides the basis for the EWPAA's Product Certification of Futurebuild LVL as conforming to the requirements of AS/NZS 4357.

Conformance with AS/NZS 4357 ensures that Futurebuild LVL is suitable for structural applications in accordance with NZS 3603 and NZS 3604.

The EWPAA's product certification scheme is accredited under JAS-ANZ.

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.

Futurebuild LVL uses waste handling procedures to optimise recovery and manages 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 veneer peeling 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. Peeler cores are typically reprocessed for use as bearers whilst downgraded product is reprocessed into products including fillet sticks and bearers as well as being on-sold for use in furniture as applicable. All waste product derived is assessed for downstream applications including bark for landscaping, boiler fuel and/or sold for use in wood fibre products.

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

The CHH Futurebuild LVL Environmental Product Declaration (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 the EPD for Futurebuild LVL –](#)

<https://futurebuild.co.nz/assets/Futurebuild-LVL-EPD-Current.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 ESG Report -](#)

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

FSC® AND SUSTAINABILITY ACCREDITATIONS

Futurebuild LVL sources logs from sustainably managed plantation forests and other controlled sources, and has the Forest Stewardship Council® (FSC®) Chain of Custody certification (FSC® C007103). This measure provides a formal assurance that gives Futurebuild LVL's customers confidence about its sustainability credentials.

All Futurebuild LVL products can be supplied with a FSC certificate (FSC® C007103) if requested.

[View and Download Certificate –](#)

<https://futurebuild.co.nz/assets/Futurebuild-LVL-FSC-Certificate-Marsden-Current.pdf>

DECLARE LABEL

The Futurebuild LVL range of untreated and H1.2 treated products have been issued Declare labels and determined to be Red List Free through the International Living Future Institute, and as such the untreated and H1.2 treated range can be used in Living Building Challenge projects.

View the Declare labels -

<https://futurebuild.co.nz/assets/Declare-Futurebuild-Hyjoist-Untreated-Current.pdf>

<https://futurebuild.co.nz/assets/Declare-Futurebuild-Hyjoist-H1.2-Treated-Current.pdf>

EWPA FORMALDEHYDE EMISSION CLASSIFICATIONS CERTIFICATE

Formaldehyde Emissions for Futurebuild LVL products are measured as being less than 0.5 mg/L, classed as E0.

View and Download Certificate -

<https://futurebuild.co.nz/assets/FuturebuildEWPAFormaldehydeEmissionClassificationsCertCurrent.pdf>

CARTER HOLT HARVEY ENVIRONMENTALLY RESPONSIBLE WOOD & WOOD FIBRE PROCUREMENT POLICY

View and Download Policy - <https://chhply.co.nz/assets/Uploads/CHH-Environmentally-Responsible-Wood-Wood-Fibre-Policy-Current.pdf>

Service Life:

hyPLANK is not subject to NZBC durability requirements because the components are plant items that will be replaced after repeated use and inspection deems the components to be worn or unsuitable.

Product Support:

Futurebuild LVL provides extensive product support for our full range of wood based building products. By visiting www.futurebuild.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 Futurebuild LVL have a team of Engineers and Technical Experts available to assist with any product enquiries. You can contact the team by calling 0800 808 131 or by emailing info@futurebuild.co.nz.

Legal Disclaimer: The information contained in this document is current as at published date and is based on data available to CHH LVL at the time of going to print. CHH LVL 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 808 131 or visit www.futurebuild.co.nz to obtain current information. CHH LVL has used all reasonable endeavours to ensure the accuracy and reliability of the information contained in this document. However, to the maximum extent permitted by law, CHH LVL assumes no responsibility or liability for any inaccuracies, omissions or errors in this information nor for any actions taken in reliance on this information.