

Carpet Grade Flooring Structural



APPEARANCE:

Handiply Carpet Grade is a downgraded flooring product that may contain some face imperfections

SHEET THICKNESS:

17mm, 19mm, 21mm & 25mm

SHEET DIMENSIONS:

2400/2700mm x 1200 mm

GRADE:

Refer table 1

EDGE PROFILE:

Tongue and Groove

GLUE BOND:

A Bond

TREATMENT:

H3.2 CCA & Untreated

PRODUCT INFORMATION

Handiply Carpet Grade Flooring Structural plywood (Handiply Carpet Grade) is a layered panel made from New Zealand pine wood veneers manufactured by Carter Holt Harvey Plywood Limited (CHH Plywood) to the requirements of AS/NZS 2269: Structural Plywood (AS/NZS 2269).

As a downgraded product, Handiply Carpet Grade has a limited range of suitable applications. Handiply Carpet Grade is ideal as a substrate for most carpet and floor coverings where the aesthetics of the surface grade does not matter.

SUGGESTED APPLICATIONS

- Handiply Carpet Grade specified in flooring applications in accordance with Ecoply plywood in the current 'Ecoply Specification & Installation Guide', or subject to specific engineering design, is suitable for use as a flooring substrate for overlays such as carpet and tiles.
- Handiply Carpet Grade, as specified as an alternative to Ecoply Flooring in Section 5 of the current 'Ecoply Specification & Installation Guide' is suitable for use as a

flooring substrate subject to loading and spans conditions detailed in Table 17 : Flooring Frame Spacings or subject to specific engineering design.

- Handiply Carpet Grade may be used as a floor diaphragm in bracing applications subject to the requirements of NZS 3604 or specific engineering design and detailing.
- Handiply Carpet Grade Plywood is not suitable for use with membrane floors and decks or where the product is left exposed for a visual application.

INSTALLATION

Handiply Carpet Grade must be competently installed in accordance with good building practice, sound design principles, and the requirements of Section 5.0 of the current 'Ecoply Specification & Installation Guide' or details provided by a Certified Practicing Engineer.

This is the responsibility of building owners and the design professionals and builders that they engage.

The specifications and details are available at the CHH Plywood web site www.chhply.co.nz or by calling 0800 326 759 for information.

SURFACE GRADE

Handiply Carpet Grade is a downgraded product that may contain some face imperfections and other permitted characteristics such as, but not limited to:

- Filled splits, holes, and face edge joints
- Knots (sound, filled as required)
- Face imperfections
- Patches

TABLE 1: HANDIPLY CARPET GRADE RANGE

Grade	Thickness (mm)	Sheet Length (mm) x 1200mm	Sheets Per Pack
F8/F5	17	2400 or 2700	20 or 32
F11/F8	19	2400 or 2700	28
F8/F5	21	2400 or 2700	25
F8/F5	25	2700	20

INFORMATION BULLETIN

FEBRUARY 2024

- Veneer overlaps
- Surface ridges and veneer miss-presses
- Visual blemishes, including sloping grain, resin streaks and glue bleed through
- Localised indentations

AVAILABILITY

Handiply Carpet Grade is only available as a downgraded product from the manufacture of first grade CD Ecoply Flooring products. Supply of Handiply Carpet Grade therefore cannot be guaranteed and supply is always 'subject to availability.'

EDGE PROFILE

Handiply Carpet Grade is supplied with a tongue and groove on the long sheet edges which does not require blocking under the joint (unless otherwise specified).

GLUE BOND

The veneers are bonded together with synthetic phenolic (PF) resin set and cured under heat and pressure in controlled conditions to form a strong and durable Type A bond.

TREATMENT

Handiply Carpet Grade is available either untreated or H3.2 CCA treated (subject to availability). H3.2 CCA Handiply Carpet Grade is envelope preservative treated. Where sheets are cut, cuts must be coated with a brush on timber preservative. Soudal® Metalex® Clear is recommended. Failure to do so may affect the long term durability of the panel.

The use of untreated Carpet Grade is subject to the requirements of NZS 3602 Timber and Wood Based Products for use in building (NZS 3602), in accordance with New Zealand Building Code (NZBC) Clause B2 Durability. CHH Plywood recommend the use of H3.2 CCA treated flooring below wet areas.

Please note:

- H3.2 CCA treated Carpet Grade must not be installed in direct contact to steel frames.
- H3.2 CCA treatment may leave a green tinge and fillet marks on the sheet surface and treated products.

PRODUCT IDENTIFICATION

In accordance with AS/NZS 2269, as a minimum, every sheet of Handiply Carpet Grade plywood has the following information marked on the back:

- Brand name: e.g. Handiply Carpet Grade
- Glue bond: e.g. A BOND
- Intended application: e.g. STRUCTURAL
- Panel construction code: e.g. 19-30-7 (Thickness (mm)-Face veneer thickness (mm x 10)-Number of veneers)
- Australasian Standard: e.g. AS/NZS 2269:2012
- Date and time of manufacture: e.g. 12/12/23 12:23:45
- Formaldehyde emission class: E0
- The Engineered Wood Products Association of Australasia (EWPAA) brand and mill number: e.g. 911 (Tokoroa Mill) For example:

SECONDS HANDIPLY CD CARPET GRADE STRUCTURAL
19-30-7 A BOND EO AS/NZS 2269.0:2012
PAT 12/12/2023 12:23:45 F8/F8 CHH.COM



PRODUCT LIMITATIONS

- CCA treated plywood must not be installed in direct contact to steel frames.
- Ecoply Carpet Grade is not suitable for use with membrane floors and decks or where the product is left exposed for a visual application.
- Please refer to the current 'Ecoply Specification & Installation Guide' for information, limitations, and cautions regarding the storage, handling, installation, usage, and maintenance of structural plywood.

LEGAL DISCLAIMER

The information contained in this document is current as at published date and is based on data available to CHH Plywood at the time of going to print. CHH Plywood 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 326 759 or visit www.chhply.co.nz to obtain current information.

CHH Plywood 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 Plywood assumes no responsibility or liability for any inaccuracies, omissions or errors in this information nor for any actions taken in reliance on this information.