

PRODUCT TECHNICAL STATEMENT & BUILDING PRODUCT INFORMATION SHEET

CLASS I
MAY 2025

Product Name: GUARAPLY Structural Plywood,
Distributed by CHH Plywood



Application: General/Specific Design

Product Description and Intended Use:

GUARAPLY structural plywood is a layered panel made from wood veneers manufactured by Industria De Compensados Guararapes LTDA to the requirements of AS/NZS 2269. Adjacent layers (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. The veneers are typically at right angles to each other to deliver two-way strength and stability.

GUARAPLY structural plywood, designed in accordance with Verification Method B1/VM1 or specified in accordance with Acceptable Solutions E2/AS1 and B1/AS1 is suitable for use as structural panels within structural systems designed and specified by engineers and other suitable design professionals. Structural plywood is to be installed in accordance with the specifications and details provided by design professionals.

The durability of GUARAPLY plywood products should be detailed by qualified design professionals to meet the requirements of New Zealand Building Code (NZBC) Durability Clause B2.

GUARAPLY plywood is available in a range of stress grades including F1 I/F8 and F8/F5 in a range of surface appearance grades including CD and DD and is available untreated and H3.2 CCA treated.

Product Identifier:

GUARAPLY structural plywood sheets, when distributed by CHH Plywood, are marked in accordance with the requirements of AS/NZS 2269. An example of treated plywood is given below.

GUARAPLY CD Structural 25-24-9 A Bond EO AS/NZS 2269.0:2012 F8
AS/NZS 1604.3:2012 046 01 H3 E H3.2 CCA Retreat cuts
Distributed by CHH Ply CHH.COM

Note: Additional information relating to certification in other jurisdictions may also be evident on sheets

Place of manufacture:



New
Zealand



Overseas



Legal and trading name of Manufacturer: Industria De Compensados Guararapes LTDA

Address for Service:

Rua Alcina Santos Araujo, 411,
Bairro Sao Francisco, Palmas, Brazil

Website: www.guararapes.com.br

Email Address: N/A

Phone Number: N/A

NZBN: N/A

Legal and trading name of importer: Carter Holt Harvey Plywood Limited

Address for Service:

173 Captain Springs Road, Onehunga
Auckland 1061, New Zealand

Website: www.chhply.co.nz

Email Address: info@chhply.co.nz

Phone Number: 0800 326 759

NZBN: 9429046427366

Relevant New Zealand Building Code Clauses:

- Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4(d)
- Clause B2 Durability: Performance B2.3.1 (a) when used and treated to the requirements of NZS 3602
- Clause F2 Hazardous Building Materials: F2.3.1

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

GUARAPLY structural plywood, when distributed by CHH Plywood, designed in accordance with NZS 3603 or as specified in E2/AS1 or NZS 3604, assists in meeting the following provisions of the NZBC:

Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4(d)

GUARAPLY is 3rd Party Audited by Bureau Veritas for manufacture in accordance with the joint New Zealand / Australian Standard AS/NZS 2269, Structural Plywood.

Clause B2 Durability: Performance B2.3.1 (a) when used and treated to the requirements of NZS 3602

GUARAPLY structural plywood is manufactured to meet the requirements of the NZBC Clause B2 Durability. As such, if the product is used in accordance with good building practices and treated to the required treatment levels prescribed in NZS 3602, it will form part of an Acceptable Solution complying with the requirements of the NZBC (Acceptable Solution B2/AS1, 3.2.1).

Clause F2 Hazardous Building Materials: F2.3.1

GUARAPLY structural plywood meets this requirement and will not present a health hazard to people.



Limitations on the use of the building product:

- CCA Treated GUARAPLY plywood must not be installed in direct contact to steel frames.
- Appropriate clearances to ground must be provided to meet durability requirements as detailed by design professionals.
- 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 distributed by CHH Ply.

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

GUARAPLY structural plywood, designed in accordance with Verification Method B1/VM1 or specified in accordance with Acceptable Solutions E2/AS1 and B1/AS1 is suitable for use as structural panels within structural systems designed and specified by engineers and other suitable design professionals. GUARAPLY structural plywood is to be installed in accordance with the specifications and details provided by design professionals.

Span Tables within the Ecoply Specification and Installation Guide have had design completed in accordance with NZS 3603 (verification method B1/VM1, 6.1). Serviceability and other criteria were selected using guidelines available from joint Australian / New Zealand standards technical committees as applicable. **Only when distributed by CHH Plywood, can GUARAPLY Structural plywood that is of the same construction/lay-up and stress grade as Ecoply be specified using span tables within the Ecoply Specification and Installation Guide.**

Installation requirements:

GUARAPLY structural plywood must be installed in accordance with good building practice, sound design principles, and in accordance with the specifications and installation details provided within the current “Ecoply Specification & Installation Guide” or by the engineer and/or other qualified design professionals as applicable.

The specifications and details are available at our web site www.chhply.co.nz/librarytools.

Maintenance Requirements:

GUARAPLY structural plywood components will not normally require maintenance. However, in circumstances where coatings have been applied, maintain in accordance with coating manufacturers requirements.

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

☐ Yes ☒ No

Date: 1st May 2025

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