

IBS STRUCTURAL PLYWOOD

APPLICATION - BRACING / WALL LINING / CEILING LINING / / FLOORING / ROOFING

Product Description and Intended Use :

IBS Structural Plywood has been manufactured and tested to meet all requirements of Plywood Structural Standard AS/NZS 2269 which are all stamped and labeled accordingly.

IBS Structural Plywood can come in two different grades CD and DD. CD Structural Plywood is a grade primarily for use in visual applications where the end use is to be seen.

IBS CD Certified Structural is a grade primarily for use in visual applications where the end use is to be seen. Certified to AS/ NZS 2269 it gives you the assurance that it also has structural integrity, tested to the harsh New Zealand conditions.

IBS CD Structural Plywood has the superior grade of CD which results in no open face knotholes and no more than 8 wood patches with limited synthetic repairs on the face. It is a reasonably clean face veneer with any defects filled and finished with 150 grit sanding on the face veneer and 100 on the back veneer. The product is identified with a blue stripe down the middle of the short edges of the panel.

IBS DD Structural Plywood is a grade primarily for use in non-visual applications where the end use is not intended to be seen. Certified to AS/NZS 2269 the DD grade also gives you the assurance of structural integrity. With more face veneer imperfections than CD Structural, it is primarily for structural construction where it is in behind the finished product such as a bracing element in housing.

IBS DD grade Plywood has a solid face with tight knots, limited wood patches and synthetic repairs. The product is identified with a green stripe down the middle of the short edge of the panel. Finished on the face with at least a 100 grit sanding and 80 grit on the back veneer.

Product Identifiers :

9421028761765 (CDAU072412), 9421028761772 (CDAU092412), 9421028761796 (CDAU122412), 9421028761802 (CDAU152412), 9421036230819 (CDAU172712), 9421028761819 (CDAU182412), 9421028761826 (CDAU212412), 9421028769082 (CDAU252412)
9421028761963 (CDAT072412), 9421028761970 (CDAT092412), 9421036230833 (CDAT092712), 9421028761987 (CDAT122412), 9421028767897 (CDAT122712), 9421028761994 (CDAT152412), 9421036230826 (CDAT172712), 9421028762007 (CDAT182412), 9421028762014 (CDAT212412), 9421028762021 (CDAT252412)
09421028769648 (PLYFTM192412), 09421028762458 (PLYFU192412), 09421028762434 (PLYFT212412), 09421028762571 (PLYFU212412)
9421028762618 (PLYRU152712)

Place of Manufacturing :	Chile / China
Legal and Trading name of the Manufacturer:	Independent Building Supplies Ltd
Address for Service :	3 Zelanian Drive, East Tamaki, New Zealand
Website :	www.ibs.co.nz
Email Address :	info@ibs.co.nz
Phone Number :	0800 637 759
NZBN :	9429000097253

Relevant Building Code Clauses :

Clause B1 Structure : B1.3.1, B1.3.2, B1.3.3 (a, b, f, h, j, m, q) , B1.3.4 (a, b, c, d, e)

Clause B2 Durability: B2.3.1 (a, b), B2.3.2 (a, b)

Clause F2 Hazardous Building Materials: F2.3.1

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

IBS Structural plywood specified in accordance with the current “IBS CD Structural Plywood Installation Guide”, assists in meeting the following provisions of the NZBC:

Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.3 (a, b, f, h, j, m, q) , B1.3.4 (a, b, c, d, e), IBS Structural Plywood is manufactured to AS/NZS 2269 under SAI Global Standards Mark licences, numbers SMKB21663 (SAI Global, 2019) and SMKB21663/1 (SAI Global, 2019). IBS Structural Plywood meets the requirements of AS/NZS 2269:1994 cited by NZS 3603:1993 for plywood. NZS 3603:1993 cited by Verification Method B1/VM4. IBS Structural Plywood has conducted P21 testing carried out by Scion (Scion, 15/04/2011), (Scion, 28/11/2018). P21 Wall bracing test and evaluation procedure, as cited in NZS 3604:2011.

Clause B2 Durability: Performance B2.3.1 (a, b), B2.3.2 (a, b), IBS Structural Plywood is manufactured to conform with the durability standards specified in Clause B2 of the New Zealand Building Code (NZBC). IBS Structural Plywood is to be installed in accordance with the IBS CD Structural Installation guide, with good building practices and treated to the required treatment levels as in NZ3602. Treated in accordance with AS/NZS 1604.3:2012.

Clause F2 Hazardous Building Materials: F2.3.1 IBS Structural Plywood meets this requirement and poses no health risk to individuals.

Limitations on the use of the building product :

The building must be within the scope of E2/AS1 paragraph 1.1 for building height and floor area.

Only 7 mm and 12 mm CD structural ply may be used as a bracing element.

Sheets must be installed with the graining running vertically.

Where used as a wall bracing element, IBS CD Structural plywood must be used in accordance with the Scion test assembly.

Untreated IBS CD Structural plywood must not be installed in areas with high moisture content, such as kitchens, bathrooms, toilets, laundries, or where used as a roof or deck substrate.

Where used as flooring, or a roof or deck substrate, 18 mm minimum IBS CD Structural Plywood must be used.

IBS CD Structural plywood should not be installed if the moisture content of the supporting timber framing exceeds 18 %.

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

IBS Structural Plywood must be installed in accordance with the Installation guide.

Bracing capacities must be used in accordance with the P21 methods, in accordance with NZS 3604 (P21 tests form part of an acceptable solution of NZS3604).

In all corrosion zones as defined in NZS 3604: 2011

In conjunction with a primary structure that complies with the NZ Building Code or where the designer and/or installer have satisfied themselves that the existing structure is suitable for the intended building work.

As an internal lining.

Span tables in IBS CD Structural plywood Installation guide are in accordance with NZS3603.

Installation Requirements :

We kindly request that you take a moment to click on the provided link, which will direct you to our comprehensive installation guide. This guide contains all the necessary instructions and information you'll need to ensure a smooth and successful installation process. We've put together this guide with care and attention to detail, so you can confidently follow each step and achieve the best results.

<https://ibs.co.nz/products/cd-structural-plywood/>

Maintenance Requirements :

We kindly request that you take a moment to click on the provided link, which will direct you to our care and maintenance document.

<https://ibs.co.nz/products/cd-structural-plywood/>

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

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Yes

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No

If yes. description of the warning or ban under section 26 :

Version	002
Date	28 th August 2025