

Building Product Information Sheet

Plywood Non Structural

Designated Building Product: Class 1

Declaration

Independent Wholesale Distribution Ltd (IWD) has provided this declaration to satisfy the provisions of Schedule 1 (d) of the Building (Building Product Information Requirements) Regulations 2022.

Company Details

Name	Independent Wholesale Distribution Ltd (IWD)
Role	Importer
NZBN	9429045938849
Address	8 Kingsford Smith Pl, Mangere 2022
Website	www.iwd.co.nz
Email	sales@iwd.co.nz

Description of Building Product

Untreated, non structural grade CD Pine Plywood has a variety of uses in the construction industry, when structural characteristics are not required, for example non weight bearing or in cases where there is no requirement to meet the construction codes of New Zealand. Intended use is for Interior applications only where the product will not be likely to get wet. Ideal to use as a wall or ceiling lining or for general internal applications. Available sizes 2400x1200x9mm, 2400x1200x12mm & 2400x1200x18mm.

The product has a poplar core with a radiata pine face. It is a Low Formaldehyde Emission Panel that uses Melamine E1 glue.

Scope of Use

Due to its uniform material and no susceptibility to moisture, deformation, cracking, and other issues, it is widely used in:

- wall and ceiling lining,
 - furniture,
 - cabinets,
 - caravans,
 - shop fitting,
 - vehicle fitouts,
 - decorative panels,
 - speakers,
 - joinery,
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- general DIY uses.

Commercial plywood has been developed for interior use in residential and commercial buildings, and providing support for building structures in dry environments. Not intended to be used in wet areas such as bathrooms and laundries.

Contributions to Compliance

According to the industry standard for ordinary plywood, this product is classified for use under dry conditions according to the usage environment.

The maximum deviation in length and width of plywood is +/-3.5mm, and the deviation in thickness inside the board is 0.6mm

Adhesive strength $\geq 0.7\text{MPa}$.

9mm and 12mm can achieve a longitudinal static bending strength of 24Mpa and a transverse static bending strength of 20MPa. The elastic modulus along the grain is 5000Mpa, and the transverse elastic modulus is 2500Mpa.

18mm can achieve a longitudinal static bending strength of 22Mpa and a transverse static bending strength of 20Mpa. The elastic modulus along the grain is 5000Mpa, and the transverse elastic modulus is 4000Mpa.

Responsible Person

In accordance with Regulation 8, as the responsible person, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is, therefore, to the best of my knowledge, correct.

I can also confirm that this product is not subject to a ban or warning under s26 of the Building Act.

Signed for and on behalf Independent Wholesale Distribution Ltd:

John Fleming

John Fleming

Group General Manager

May 2024