

Shape your vision with Poplar Bendy Ply. Lightweight, flexible, and perfect for curves.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Plytech Panels confirms that this minimum level of assurance has been met or exceeded by the following:



The following information has been provided by Plytech Panels demonstrating how this product complies with the [Building Product Information Requirements](#).

Technical Statement

Product Class

CLASS 1

Product Description

Bendy Ply is a lightweight, versatile, and highly flexible plywood solution, ideal for creating curved and contoured designs. Its unique flexibility is achieved through the open-grain texture of the Poplar wood species, which allows the outer veneer to expand and the inner veneer to compress seamlessly along curves. Available in a 3-ply configuration, Bendy Ply comes in both long-grain and cross-grain options, giving you the freedom to shape your projects exactly as you envision. Perfect as a substrate for furniture, joinery, and architectural applications, Poplar Bendy Ply is your go-to choice for adding dimension and form to your designs.

Scope of use

- Curved stair stringers
- Walls and ceilings
- Marine construction, including flybridges and tight radiuses
- Furniture design
- Interior fittings
- Posts and columns
- Retail and hospitality fit outs
- Exhibition and stage design
- Automotive and caravan interiors
- Custom joinery

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(c)
Compliance Pathways. B2/AS1 Table 1.

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

This product complies with the requirements of Clause B2.3.1(c) of the Building Code, demonstrating durability for a period of 5 years under normal maintenance conditions. Building elements covered by this clause, including linings, renewable protective coatings, are designed for easy access and replacement, ensuring minimal disruption. Any potential failure would be easily identifiable during normal use of the building, enabling timely maintenance or replacement. A warranty supporting this durability claim is available upon request.

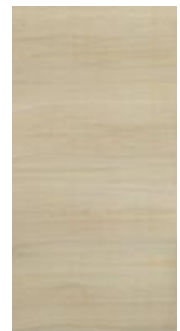
Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

Product Criteria

Design requirements

Suitable for interior use only and are not recommended in exposed, damp or wet conditions. Panels may warp or expand if not sealed.



masterspec partner

Company Contact Details



Company: Plytech Panels
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Plytech Panels Bendy Plywood Poplar

Product Technical Statement: 103709



Installation requirements

Panels must be installed by qualified tradesmen and handled with care. Prior to installation, the product must be stored inside, off the ground, in a dry, well-ventilated area away from extreme temperature fluctuations. It is important to protect the panels during storage by covering and protecting all parts that can be exposed to damage, light or moisture however, panels must not be left wrapped in a non-breathable material (i.e. plastic) for longer than 4 days. The panels must be stacked squarely on top of one another with a full cover sheet on top to avoid edge discolouration. Panels should not be exposed to natural light when being stored as wood is a natural material and changes over time when exposed to UV-light.

Maintenance requirements

We recommend cleaning the panels when required with a warm damp cloth. Do not use any solvents or abrasive cleaners. Clean off any dust that accumulates immediately.

Warrantees

5 Year Warranty - Subject to the terms of this Warranty, Big River Group (NZ) Ltd – ('Plytech Panels') warrants that, for the Warranty Period (as set out in Schedule 1) will be free from defects as a direct result of manufacture.

Company Product Information

Environmental

[Environmental Product Declaration \(EPD\)](#)

[Environmental and Health Declaration \(FDES\)](#)

[PEFC certificate](#)

[FSC certificate](#)

[CARB ULEF certificate](#)

[EPA ULEF certificate](#)

Quality Assurance



ISO 9001 (Quality Management)

Building Product Information Requirements

Manufacturer

Legal Trading Name:

ZCYG INTERNATIONAL INC

Company Website:

[514-745-0300](tel:514-745-0300)

Contact Number/s:

+64 514-7450300

Importer

Legal Trading Name:

Plytech Panels

Business Email:

ldufty@bigrivergroup.co.nz

Company Website:

www.plytech.co.nz

Contact Number/s:

+64 09 -5735016
0800 900905

Product Identifier

BENDY

Warnings

This product has no warnings associated with it.



Date last validated: **29 January 2025**



Date last updated: **29 January 2025**

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