

# Plytech Panels Birch Model Ply

Product Technical Statement: 103711



Versatile, durable plywood crafted from Birch veneer, perfect for modeling and precise applications.

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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

Crafted from high-quality Finnish Birch veneer, Birch Model Ply is a strong yet remarkably flexible cross-banded plywood. Its thin, joint-free veneer surface ensures precision and smoothness, making it ideal for intricate applications like architectural models, toys, scale prototypes, furniture detailing, and latticework. The versatility of Birch Model Ply allows for easy customization, as its surfaces can be lacquered, waxed, or stained to suit your project needs.

### Scope of use

- Architectural scale models
- Model yachts
- Model airplanes
- Toys
- Souvenirs
- Furniture parts
- Latticework
- Musical instruments

### 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.

### Installation requirements



masterspec partner

### Company Contact Details



Company: Plytech Panels  
Physical Address: 26 Business Parade North  
Highbrook  
AUCKLAND  
Postal Address: PO Box 204070  
Highbrook  
AUCKLAND  
Telephone: 64 09 5735016  
Fax: 64 09 5735035  
Email: [lduffy@bigrivergroup.co.nz](mailto:lduffy@bigrivergroup.co.nz)  
Website: [www.plytech.co.nz](http://www.plytech.co.nz)

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

- [ISO 9001 certificate](#)
- [ISO 14001 certificate](#)
- [ISO 45001 certificate](#)
- [PEFC certificate](#)
- [FSC certificate](#)
- [CARB EPA TSCA certificate](#)
- [Declaration of formaldehyde](#)

### Quality Assurance



ISO 9001 (Quality Management)

## Building Product Information Requirements

### Manufacturer

#### Legal Trading Name:

Vilko Oy

#### Contact Number/s:

+64 3581-5340900

n/a

### Importer

#### Legal Trading Name:

Plytech Panels

#### Business Email:

ldufty@bigrivergroup.co.nz

#### Company Website:

[www.plytech.co.nz](http://www.plytech.co.nz)

#### Contact Number/s:

+64 09 -5735016

0800 900905

### Product Identifier

HARDWOOD

### Warnings

This product has no warnings associated with it.



Date last validated: 29 January 2025



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