

# IBUILT™

Building Systems

October 2014

## IBuilt™ Premium Birch Plywood



## IBuilt™ 100% Birch Plywood

Premium Russian Birch plywood is now available at New Zealand Products (NZWOOD) Limited for decorative internal surfaces.

Manufactured from 100% Birch Ply veneer it is highly durable, strong and visually appealing.

The high quality finish in B/BB grade creates bright, appealing surfaces perfect for any internal surface.

Typical Birch Ply use includes feature wall and ceiling panelling, furniture and cabinetry construction, or substrates for laminate veneer overlays. The attractive sheet detail is also perfect for routed and shaped edge finishes.

NZWOOD promotes responsible forestry practices. IBuilt™ Birch Ply products are only sourced from FSC® certified Birch forests .

Advantages of 100% Birch Plywood:

- Manufactured from 100% Birch veneers
- Highly attractive, bright surfaces and edges
- High strength to weight ratio

## Finishing

IBuilt™ Birch Ply's High grade B/BB finish is suitable to achieve a paint or clear finish to highlight the natural beauty of Birch Ply.

B/BB grade face veneers can exhibit some minor filling where required to repair any natural timber characteristics such as small splits and/or end splits.

When a clear finish is required ensure panels are protected from weather, moisture and damage throughout construction.

Where sheets are to be stained or sealed, samples or hidden areas should be tested for suitability before final applications are applied.

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The information contained in this brochure relates to specific Birch Plywood products manufactured by Sveza.

Technical data cannot be applied to other plywood products however similar they appear.

## Technical Data

Standard Sheet Size	2440mm x 1220mm
Available Thicknesses (mm)	6mm (5 Ply)
	9mm (7 Ply)
	12mm (9 Ply)
	18mm (13 Ply)
	24mm (17 Ply)
Grades	B/BB
Surface Quality	Both sides sanded – Fine Grit
Formaldehyde Emission class	E1
Durability Class	
Density (kg/m <sup>3</sup> )	640 - 700
Moisture Content (%)	5 - 10%
Tolerance of Sheet	+/- 4mm (Measured Diag)

## Handling and Storage

NZWOOD takes all reasonable care when storing, handling and packaging Birch Plywood to prevent any damage. Once Plywood has left our premises we are unable to control these factors to ensure that sheets will remain in the same condition.

It is the responsibility of the fabricator or end user to ensure that sheets are stored with suitable protection, out of the weather and away from moisture. Ply sheets should be stacked flat, on a solid base and with sufficient bearer support to prevent any sheet sagging.

## Durability

Birch Plywood utilises a Phenolic Formaldehyde resin adhesive with an exterior grade Type A bond.

IBuilt™ Birch Plywood is suitable for **internal use**.

If used externally the appropriate sealants or protective coatings must be applied to prevent any decay from fungal attack.

## Availability

Please enquire with NZWOOD for stock and size availability and recommended stockists.

# NZWOOD

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The mark of responsible forestry