

## Birch Plywood

# Technical Information Sheet

### Product Identification

Product Name:	Birch Plywood
Type of veneer:	100% birch
Types of plywood:	Sanded
Density of plywood:	640-700 kg/m <sup>3</sup>
Grades:	B/BB, BB/BB
Size:	2440 x 1220mm
Thicknesses:	6, 9, 12, 15, 18, 25, 35mm
Adhesive:	WBP Type A Bond (waterproof glue line made of phenolic resins)
Formaldehyde Emission Class:	EO,5

Urban Republic Pty Ltd

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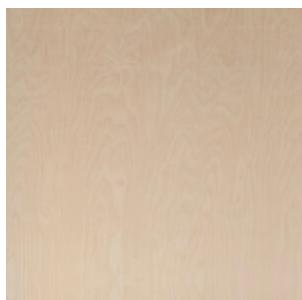
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### Grades of Face Side



#### Grade B

High quality, practically  
without defects.

*Some healthy inter-grown  
knots up to 25mm in diameter,  
insignificant brown veins and  
dropped out knots up to 5mm  
in diameter are admitted,*



#### Grade BB

Repairing of the surface is  
admitted.

*Knots with size of more than  
25mm and visible defects are  
repaired with veneer patches.*

### Applications

#### Wall Panelling

Ideal for interior wall linings and feature panels. Birch plywood offers excellent dimensional stability, a smooth surface finish, and strong screw-holding properties, making it suitable for both decorative and functional wall applications.



## Birch Plywood

### Technical Information Sheet (Cont'd)

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#### Construction/Joinery

Widely used in joinery, cabinetry carcasses, partitions, and built-in elements. Its high strength-to-weight ratio and consistent core make it reliable for precision cutting, machining, and structural detailing.

#### Furniture

Commonly used in residential and commercial furniture such as tables, shelving, seating and cabinetry. Birch plywood provides durability, clean edges for exposed designs, and good compatibility with laminates, veneers, and surface finishes.

#### Shop/Bar Fitting

Suitable for retail and hospitality fit-outs including counters, display units, and shelving.

#### Ship/ Boat Building

Used in interior fit-outs, furniture, and non-structural components in marine applications when appropriately specified and sealed. Birch plywood offers strength and stability for controlled marine environments.

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