

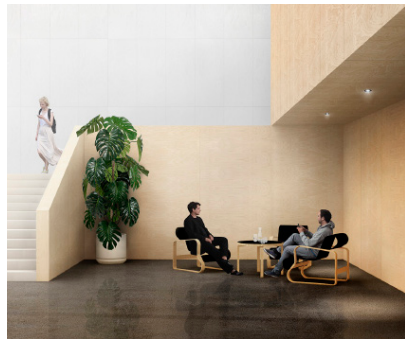
The Plywood Specifiers Guide

ISB2

Wall Panelling



High Quality Birch Plywood for Wall Panelling and Architectural Design



Plywood panels for wall panelling and architectural design applications

High quality birch plywood

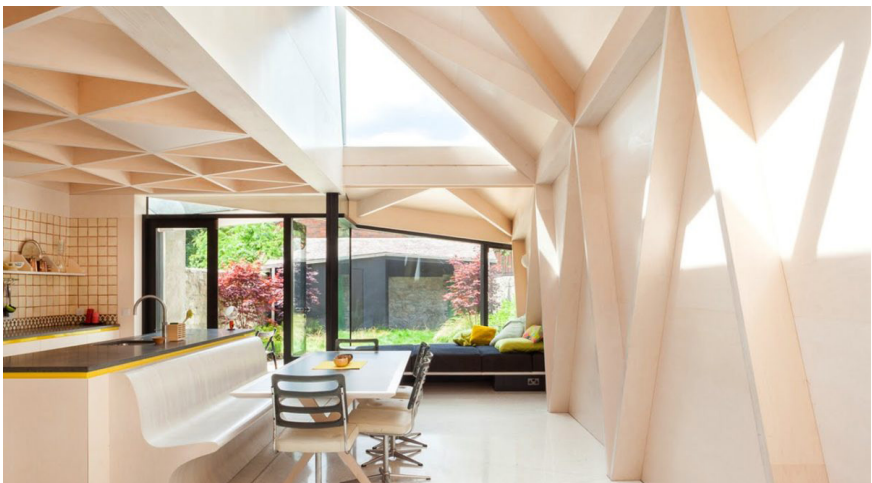
Birch plywood panels which feature natural wood grain faces along with strength, high density and durability provide an ideal product for wall panelling and architectural design applications.

The increasing demand for the use of birch plywood with flame resistant properties requires a professional knowledge and understanding in order to ensure specifications are fully met. Our specialist team can advise on all architectural and design requirements in this field.

key attributes of birch plywood include:

- Clean and aesthetically pleasing appearance
- Stability and ease of machining
- Mechanical strength, toughness, and durability
- Flexibility for bending and forming
- Good core composition which can be utilised as a design feature
- Glue bonding both for both exterior and interior applications
- Panels suitable for laser or waterjet cutting
- Flame retardant specifications available

Our extensive range of birch plywood suitable for panelling and design applications is produced by a range of manufacturers who are renowned for their technical knowledge and ability to produce very high-quality plywood. Products are produced using selected premium birch logs to ensure that every stringent requirement is fully satisfied.



HIGH QUALITY BIRCH PLYWOOD FOR WALL PANELLING & ARCHITECTURAL DESIGN



Specialist birch plywood offering a multitude of attributes for wall panelling and design applications

Panel thicknesses ranging from 0.4mm right up to 50mm, and a complete selection of face grades to suit all applications.

The table illustrated gives information for our most common thicknesses used in the panelling and architectural design industry.

Applicable Products

- ✓ Birch
- ✓ Birch Laser

SPECIFICATION DETAIL:

Thicknesses (mm)	12 15 18 21 24
Number of plies	9 11 13 15 17
Dimensions (mm)	1525 x 1525, 2440 x 1220, 1220 x 2440, 1220 x 3050, 1525 x 3050
Average density	Approx. 700 Kg/m
Product standard	EN 636-2 / EN 636-1
Glue bond	EN 314-2 Class 3 (Exterior)/ EN 314-2 Class 1 (Interior)
Formaldehyde release	Class E1 (Tested to EN 717-2)
Face veneer grades	B or S+, BB
Environmental certification	FSC® or PEFC
Further testing	EN 71-3 (Safety of Toys)
Material safety data sheet	Available

 WALL PANELLING

 ARCHITECTURAL DESIGN

Birch Veneer Face Grades for Wall Panelling & Architectural Design



The highest quality birch
plywood commercially available



Mainly solid veneers allowing
wooden plugs, small repaired
veneer splits and pin knots



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