

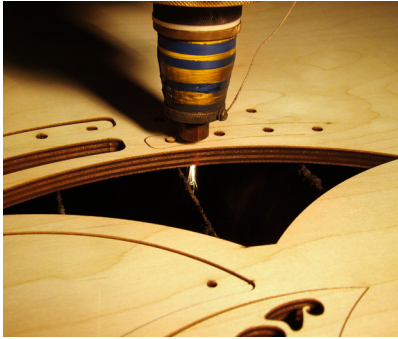
The Plywood Specifiers Guide

ISB5

LASER PLYWOOD



High Quality Birch Plywood
for Cutter Dies, Laser and Waterjet Cutting



Plywood panels which are suitable for cutter dies, laser and waterjet cutting

The highest quality birch plywood

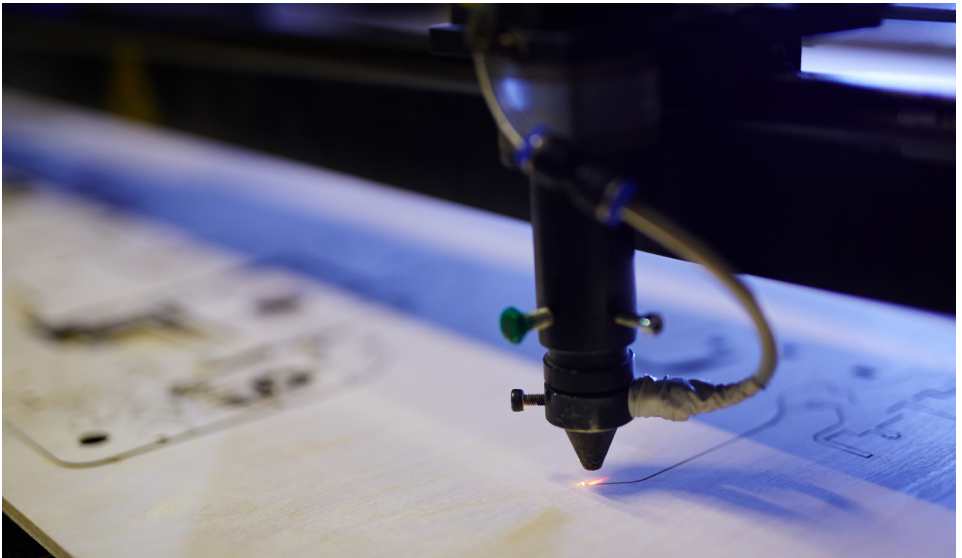
Our extensive stocks of birch plywood include a specific range of panels which are suitable for the cutter die and laser/ waterjet cutting industries. These products are produced by manufacturers who are renowned for their technical knowledge and ability to produce very high-quality plywood.

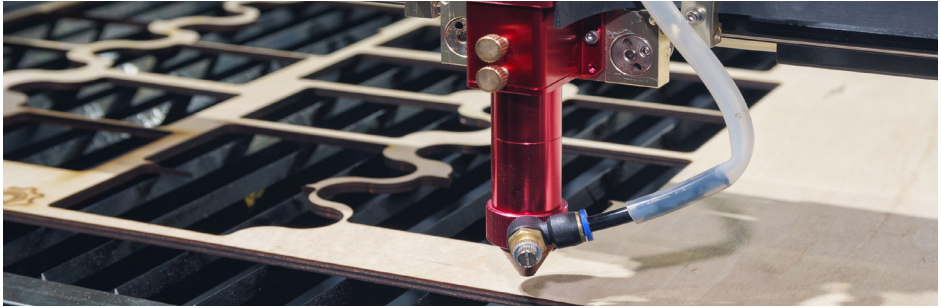
Veneer glue bonds formulated to avoid laser burn.

Products are produced using selected premium birch logs to ensure that the stringent requirements of these specialist industries are fully satisfied.

Key attributes of birch plywood for this area of industry include:

- Panels suitable for laser or waterjet cutting
- Flatness, stability and ease of machining
- Clean and aesthetically pleasing appearance
- Mechanical strength, toughness, and durability
- High performance glue bonds which are laser tolerant
- Good core composition for detailed manufacturing processes





Specialist birch plywood offering a multitude of attributes for cutter dies, laser and waterjet cutting applications.

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

Applicable Products

- ✓ Birch
- ✓ Birch Laser
- ✓ Birch Special Coated
- ✓ Birch Special Thin

SPECIFICATION DETAIL:

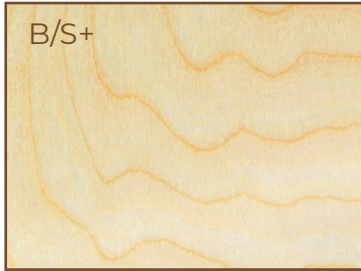
Thicknesses(mm)	3 4 5 6 9 12 15 18 21 24 27 30 35 40 50
Number of plies	3 3 4/5 5 7 9 11 13 15 17 19 21 25 29 36
Dimensions (mm)	1525 x 1525, 2440 x 1220, 1220 x 3050, 1525 x 3050
Average density	Approx. 700 kg/m ³
Product standard	EN 636-2
Glue bond	EN 314-2
Formaldehyde release	Class E1 (Tested to EN 717-2) - CARB Phase 2 compliant (On Request)
Moisture content	8%-10% at manufacture
Grading	B or S+/BB, BB/BB, BB/CP, CP/CP
Core	Uniform and consistent core construction
Environmental certification	FSC® or PEFC™
CE marked	BS EN 13986
Material safety data sheet	Available

Applications



CUTTER DIES, LASER AND WATERJET

Birch Veneer Grade Examples



The highest quality birch plywood commercially available



Mainly solid veneers with only small repaired veneer splits and pin knots allowed



Generally as BB grade but with the possibility of a greater number of plug repairs and discolouration.



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