



TECHNICAL DATA

Genuine Birch Wood Engineered Veneers

Raw Material

Peeled birch veneer 1.5 mm.
Raw material is PEFC or FSC certified.

Colors and Structure

BirchPly veneers are dyed by environmentally friendly water-based dyes. Being a natural wood product the color and structure may vary little from one lot to another.

Visual Appearance

Due to the thick layers of the veneers in the structure, the surface becomes lively and it forms lovely reflections of light.

Sizes

Thickness 0.6 mm (+/-0.03mm)
Length 2500/2600 mm
Width 215-550 mm
Other sizes available by agreement.

Moisture Content

8 – 12 % (at delivery)

Quality

Small single live knots max. 5 mm allowed.
Bigger knots patched.
Single veins/ hairs max. 3 mm wide & 50 mm long allowed occasionally, but not at the edges of the veneer sheet.

Glue

Moisture-resistant wood glue.

Formaldehyde Emission

Complies with the EN 71721 standard.

Color Fastness

Just as with all wood veneers, a UV prohibiting finish should be used to enhance color fastness. With certain colors, the natural shade of the birch may show through. Testing is recommended depending on the area of application.

Product Safety

BirchPly veneers are dyed using a unique, environmentally friendly process without the use of any harmful substances.

BirchPly Advantages

BirchPly is genuine wood, which has the feel and workability of wood. Our dyeing process penetrates through the entire thickness of the material allowing the surface to be renewed by sanding without loss of color. This process also extends the product lifetime, thereby putting less of a burden on the environment.

Applications

BirchPly can be used anywhere in the same way than traditional veneer would be used: interior walls, ceilings, doors, furniture, edgebanding, stairs and flooring.

Instructions for Manufacturing & Gluing

All adhesives available on the market are suitable for gluing. Testing of the spreading volume of the adhesive and the compression pressure is recommended depending on the area of application. Any material that is suitable for use with wood may be used as frame board (MDF, chipboard, batten board, flame-retardant versions of these, plywood, etc.). The counter veneer should be the same product or another natural veneer of a corresponding thickness.

"Integrity Matters"

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