



Laser Atelier, Robin Hanhart

KoskiPly birch

Thin birch plywood for multitude of applications

KoskiPly is a strong yet flexible cross-banded plywood, made throughout from birch veneers and faced with a joint-free birch veneer. Veneers can be left in its natural state, lacquered, waxed or stained.

KoskiPly can be used both indoors and outdoors. The flexibility of the material greatly extends the range of design possibilities.

KoskiPly birch is suitable especially for kitchen cabinets, door mirrors, partition walls, sight screens, furniture parts, sound insulation latticework, lamps, toys, souvenirs, cards, jewelry, models, musical instruments, speakers, interiors, saddles, icehockey sticks, laser cutting, canoes, paddles, race cars, airplanes, skis, sun- and eyeglass frames, tablet and mobile cases and interior product.

Key benefits

-  Homogeneous surface of a consistent high quality
-  Strong, excellent bending strength
-  Light and decorative
-  Easy machining and surface treatment
-  Taint and odour free
-  Suitable for laser and waterjet cutting



ECO-FRIENDLY



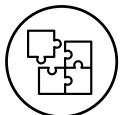
EASY TO LASERCUT



SAFETY OF TOYS



SAFETY OF FOOD



MULTI USE



CORE VENEERS QUALITY



LOW EMISSION

Technical specifications – KoskiPly birch

Base plywood	Finnish birch veneer
Bonding	Exterior and interior as standard
Coating	Available coated with wood veneer: beech, oak, ash, teak, walnut or coating paper or film etc.
Qualities	Standard quality AB/B furniture grade rotary cut birch veneer, without joints. Other face qualities at request. TQ-quality and GL1- and GL2 qualities at request.
Standard thicknesses	0.4 mm 3 ply, 0.6 mm 3 ply, 0.8 mm 3 ply, 1.0 mm 3 ply, 1.5 mm 3 ply, 2.0 mm 4 ply, 2.5 mm 5 ply, 3.0 mm 6 ply, 3.5 mm 7 ply, 4.0 mm 8 ply, 4.5 mm 9 ply, 5.0 mm 10 ply, 5.5 mm and thicker up to 60 mm
Standard sizes	1200/1220/1270 x 1200/1220/1270 mm 1500/1525/1550 x 1500/1525/1550 mm 1820 x 910 mm 2400 x 1200 mm Max size of 0.4 mm-1.0 mm 3 ply is 1550 x 1550 mm. Other sizes at request.
Density	Approx. 700 kg/m ³
Packaging	0.4 mm 25 pcs, 0.6 mm 25 pcs, 0.8 mm 50 pcs, 1.0 mm 100 pcs, 1.5 mm 100 pcs, 2.0 mm 100pcs, 2.5 mm 100 pcs, 3.0 mm 50 pcs, 3.5 mm 50 pcs, 4.0 mm 50 pcs, 4.5 mm 50 pcs, 5.0 mm 50pcs, 5.5 mm and thicker at request. One pallet contains 4-6 bundles.
Machining	Drilling of holes edge machining like T&G, chamfer and rebate on request.

Additional information

Environment

Our raw material, wood is an ecological and renewable material and it stores carbon during its whole life cycle. Koskisen thin plywood products are manufactured in Finland according to the strictest sustainability principles. Koskisen is a pioneer in the Finnish forest industry in paying attention to the environment and the wood's supply chain is always known in detail. Finnish forests are primarily privately owned and the owners are guided by a strong commitment to long-term forestry and forest cultivation. Yearly, Finnish forests grow more than they are harvested. This guarantees a sustainable and environmentally sound raw material.

Additional information

Wood is a living material and every panel is unique. Therefore a photograph or a sample piece cannot represent a full sized panel as regards colours, shades, figure, knots etc. Please note that a slight colour variation is accepted between panels.

The information, although based on extensive testing, is intended as a guideline only and comes without warranty. We reserve the right to amend specifications without notice. Any defects other than those caused by clearly verified production or service faults by the supplier are the responsibility of the user. Any claim for compensation is limited to the value of the defective panels. The Seller makes no guarantee that the goods are fit for a particular purpose, unless it provides a written declaration of their suitability.

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