

KoskiPly

Birch



Laser Atelier, Robin Hanhart

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 extends the range of design possibilities.

KoskiPly birch is easily worked with all normal woodworking machines, artists tools, laser and water cutters and model making equipment.

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, machining, canoes, paddles, race cars, airplanes, skis, sun- and eyeglass frames, tablet and mobile cases and interior product.



SAFETY OF
TOYS



SAFETY OF
FOOD



LOW
EMISSION



ECO-
FRIENDLY







EASY TO
LASERCUT





EASY TO
WATERCUT



CORE
VENEERS
QUALITY

-  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
(Interior glue - lasercutting)
(Exterior glue - watercutting)



KOSKISEN

KoskiPly

Birch



Technical specifications

| | | | | | | | | | | | | | |
|--------------------------------------|---|----------------|----------------|----------------|----------------|----------------|----------------|--------------------------------------|----------------|----------------|----------------|----------------|-----------------|
| Base plywood | Thin plywood made of Koskisen Finnish birch. | | | | | | | | | | | | |
| Bonding | Exterior and interior. | | | | | | | | | | | | |
| Qualities | Rotary cut birch veneer, without joints. Standard face quality AB/B. Other face qualities at request. TQ-quality and GL1- and GL2 qualities at request. | | | | | | | | | | | | |
| Standard thicknesses | <table><tr><td>0,4 mm - 3 ply</td><td>2,5 mm - 5 ply</td></tr><tr><td>0,6 mm - 3 ply</td><td>3,0 mm - 6 ply</td></tr><tr><td>0,8 mm - 3 ply</td><td>3,5 mm - 7 ply</td></tr><tr><td>1,0 mm - 3 ply</td><td>4,0 mm - 8 ply</td></tr><tr><td>1,5 mm - 3 ply</td><td>4,5 mm - 9 ply</td></tr><tr><td>2,0 mm - 4 ply</td><td>5,0 mm - 10 ply</td></tr></table> <p>5,5 mm and thicker up to 60 mm.</p> | 0,4 mm - 3 ply | 2,5 mm - 5 ply | 0,6 mm - 3 ply | 3,0 mm - 6 ply | 0,8 mm - 3 ply | 3,5 mm - 7 ply | 1,0 mm - 3 ply | 4,0 mm - 8 ply | 1,5 mm - 3 ply | 4,5 mm - 9 ply | 2,0 mm - 4 ply | 5,0 mm - 10 ply |
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| 2,0 mm - 4 ply | 5,0 mm - 10 ply | | | | | | | | | | | | |
| Standard sizes | <table><tr><td>Interior</td></tr><tr><td>1220 x 1220 mm</td></tr><tr><td>1525 x 1525 mm</td></tr><tr><td>Exterior</td></tr><tr><td>1270 x 1270 mm</td></tr><tr><td>1550 x 1550 mm</td></tr><tr><td>2400 x 1200 mm from thickness 1,5 mm</td></tr></table> | Interior | 1220 x 1220 mm | 1525 x 1525 mm | Exterior | 1270 x 1270 mm | 1550 x 1550 mm | 2400 x 1200 mm from thickness 1,5 mm | | | | | |
| Interior | | | | | | | | | | | | | |
| 1220 x 1220 mm | | | | | | | | | | | | | |
| 1525 x 1525 mm | | | | | | | | | | | | | |
| Exterior | | | | | | | | | | | | | |
| 1270 x 1270 mm | | | | | | | | | | | | | |
| 1550 x 1550 mm | | | | | | | | | | | | | |
| 2400 x 1200 mm from thickness 1,5 mm | | | | | | | | | | | | | |
| Density | Approx. 700 kg/m ³ | | | | | | | | | | | | |

Additional information

Environment

Our raw material, wood is an ecological and renewable material and it stores carbon during its whole life cycle. Koskisen 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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