KoskiLaser
Transparent



Die board with transparent melamine film

KoskiLaser Transparent is smooth faced Finnish birch plywood specially glued for laser cutting. The board is coated on both sides with a hard wearing transparent melamine film, which protects effectively the surface from moisture pick up and also makes it easy to keep the die board clean.

KoskiLaser Transparent is an ideal material for demanding dies. Strong and homogeneous birch cuts well with a laser, is accurate and holds the knives firmly in place. Thin veneer multilayer construction ensures that the board stays flat when properly handled and stored.

KoskiLaser is also available without the melamine film.

KoskiLaser Transparent is suitable especially for die boards, stripping and blanking tools, laser cutting and printing blocks.

EASY TO LASERCUT

TIGHT TOLERANCE

CORE VENEERS QUALITY

EASY MACHINING

EASY TO USE

- Smooth, semi gloss surface
- Hygienic, easy to clean
- Taint and odour free surface
- Low water permeability

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Technical specifications

Base plywood	Koskisen Finnish birch plywood
Bonding	Urea-melamine resin adhesive according to EN 314-2, Class 1 (interior conditions). Formaldehyde emission levels of panels fulfil REACH requirements: ≤ 0.062 mg/m³ (EN 717-1), Class E05. CARB Phase II, ULEF (Ultra Low Emitting Formaldehyde)
Coating	120 g/m2 smooth, transparent, semi gloss melamine film on both sides; also available as uncoated KoskiLaser
Standard thicknesses	9, 12, 15, 18, 21 and 24 mm Other thicknesses on request.
Standard sizes	1200/1220/1250 x 2400/2440/2500 mm 1500/1525 x 3000/3050 mm Other sizes up to 1900 x 4000 mm on request.
Density	Approx. 700 kg/m3
Edge treatment	Available on request
Wear resistance	Taber value 300 R (EN 438-2)
Water absorption	< 50 g/m2 through the surface in 7 days

Sustainability

Koskisen's products are safe for their intended use and comply with all applicable quality, environmental, and product requirements. The focus areas of product development are improving the long service life, renewability, safety, and traceability of products.
Read more: koskisen.com/sustainability

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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IADD INTERNATIONAL ASSOCIATION of DIECUTTING and DIEMAKING