



# KoskiLaser 3D

With Power Orientated Micro Multiplex Stabiliser

KoskiLaser 3D is smooth surfaced Finnish birch plywood produced with Power Orientated Micro Multiplex Stabiliser (POMMS) technology, developed by Koskisen. In practise, this means that the panels are very stable in all 3 Dimensions and yet easy to laser cut. Thin and dense inner layers also give additional benefit for embossing applications.






KoskiLaser 3D is all through birch with special extra thin veneer structure. The 3D-panels are coated with hard durable overlays such as films, plastic or laminates.

KoskiLaser 3D has been developed in co-operation with professional die-makers and made of renewable material, wood.

The POMMS technology ensures that you are processing flat panels when making a die, providing that the panels have been stored properly before.

Strong and homogenous specially processed birch is perfect platform for keeping the knives firmly in place and required dimensional accuracy through long series of die-cutting. KoskiLaser 3D is perfect partner for steel counter plates.

## Key benefits

-  Dimensionally stable and flat board
-  Long continuous runs
-  Long service life due to the composite construction
-  Smooth and hard surface
-  Hygienic and easy to clean surface



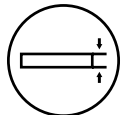
ECO-FRIENDLY



EASY TO CLEAN



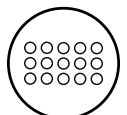
LONG LASTING



TIGHT TOLERANCE



EASY TO USE



EASY MACHINING

# Technical specifications – KoskiLaser 3D

Base plywood	Koskisen Finnish birch plywood
Bonding	Urea-formaldehyde resin according to EN 314-2/Class 1 interior conditions.  Formaldehyde emission levels of panels fulfil requirements of Class E1 (EN 13986)
Coating	Silver laminate coated with protection foil as a standard coating.
Standard thicknesses	16, 18 mm Other thicknesses on request.
Standard sizes	1500 x 2440 mm Tool sizes of die cutting machines Traditional plywood panels sizes on request
Density	Approx. 820 kg/m <sup>3</sup> (18mm)
Edge treatment	Available on request
Hardness of the surface	According to Brinell hardness EN 1534: KoskiLaser 3D transparent white 3,9 HB KoskiLaser 3D silver satin 2,8 HB

## 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.

### Koskisen Panel Industry

Tehdastie 2, 16600 Järvelä, FINLAND

tel. +358 20 553 41

fax +358 20 553 4207

[www.koskisen.com](http://www.koskisen.com)

[committedtowood.koskisen.com](http://committedtowood.koskisen.com)

