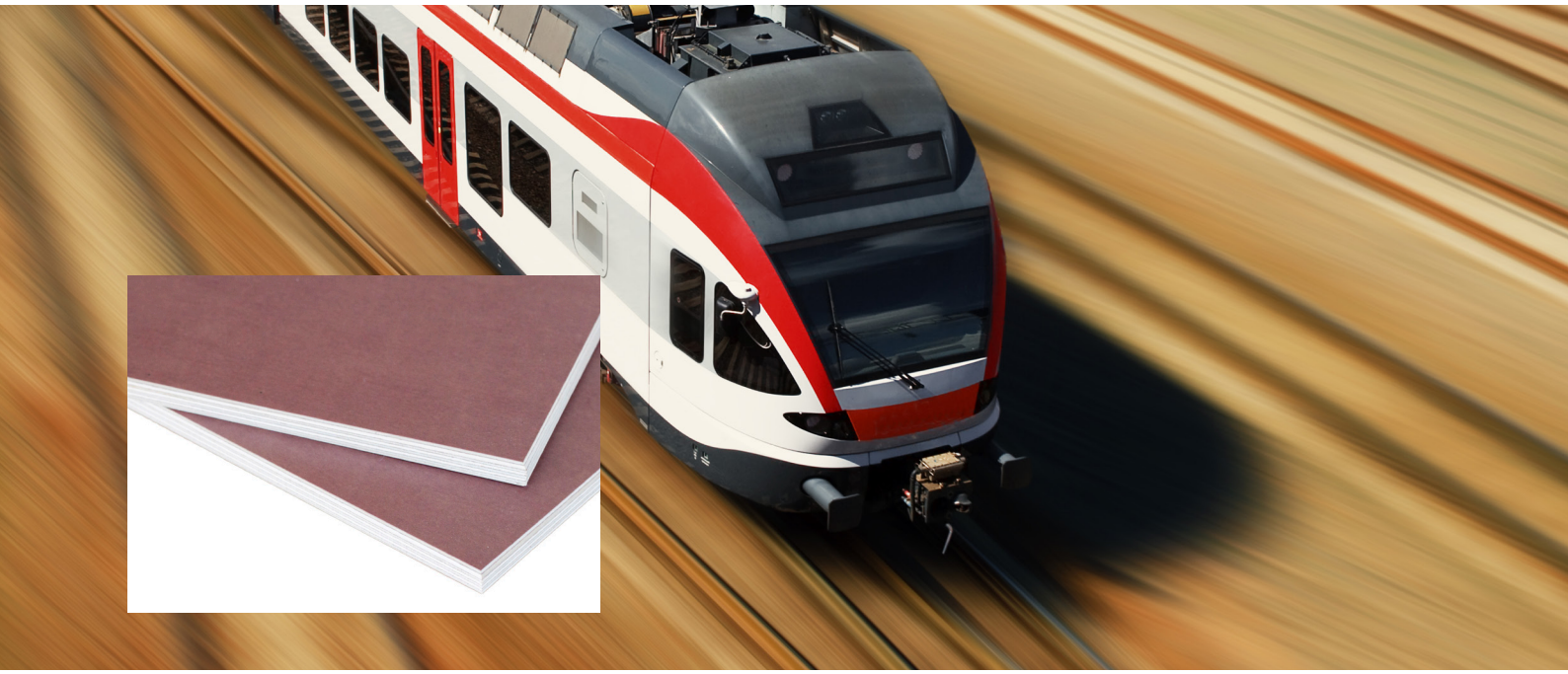
KoskiBond F



EN 45545-2

KoskiBond F is a birch plywood panel offering new features such as fire-resistance combined with strong bonding properties. KoskiBond F is made of Finnish birch plywood and is designed to provide safe floor solutions. The faces of the board are coated with a specially designed overlay, which provides greater fire protection combined with high bond strength.

The combined possibilities of improved fire-resistance, excellent bonding strength and high quality birch plywood provide a solution for the innovative design and construction of vehicles for the passenger transport industry, such as railcar floors, bus floors and more.

KoskiBond F is suitable especially for train's and tram's floors.

EASY MACHINING

EASY TO USE

BONDING STRENGTH

FIRE RESISTANT

- Improved fire-resistant properties fullfilling the demanding requirements of EN 45545-2(08/2013)
- Achieves R10 the Hazard Level HL3
- Functional surface to obtain perfect bond strength with structural adhesives, e.g. polyurethane/epoxy adhesive and others.
- Multiple use - surfaces can be painted or overlaid
- High-quality, Koskisen birch plywood, strong and durable, light and dimensionally stable
- Smooth and durable surface

KOSKISEN

KoskiBond F

Technical specifications

Base plywood	Koskisen Finnish birch plywood
Bonding	Phenolic resin according to EN 314-2/ class 3 exterior conditions Formaldehyde emission levels of panels fulfil requirements of Class E1 (EN13986), CARB Phase II, ULEF (Ultra Low Emitting Formaldehyde)
Coating	Customised, functional overlays
Standard thicknesses	4-30 mm
Standard sizes	1250 x 2500 mm 1525 x 3050 mm Other sizes on request.
Density	Approx 700 kg/m3
Edge treatment	Standard without edge sealing, available on request.
Fire classifications	The fire-resistance properties of KoskiBond F has been tested by RST. DIN EN 45545-2 (08/2013) fulfills R10 Hazard level HL 3
Machining	Drilling of holes edge machining like T&G, chamfer and rebate on request.
Other data	Detailed technical values can be found in Koskisen's Declaration of Performance (DoP). Please visit Koskisen website.

Sustainability

Koskisen's products are safe for their intended use and meet the quality, environment and product specific requirements set for them. Product development emphasises the development of responsible and sustainable product features. The focus is on improving the long-term use, 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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