KoskiSound F



EN 45545-2

KoskiSound F is a birch plywood panel offering new features such as fire-resistance combined with good sound reduction. KoskiSound F is made of Finnish birch plywood with composite sound barrier. 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.

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

EASY TO USE

FIRE RESISTANT

EASY MACHINING

ACOUSTIC

- Improved fire-resistant properties fulfilling the demanding requirements of EN 45545-2
- 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
- Smooh and durable surface
- Exellent bonding properties e.g. Polyurethane / Epoxy adhesive

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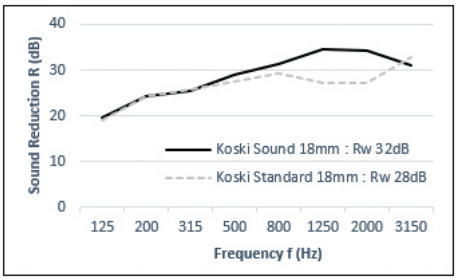
Technical specifications

Base plywood	Koskisen Finnish birch plywood
Bonding	Phenolic resin according to EN 314-2/ class 3 exterior conditions. Formaldehyde emission levels of panels fulfil REACH requirements <= 0,062 mg/m3 (EN 717-1) Class E05 CARB Phase II, ULEF (Ultra Low Emitting Formaldehyde)
Coating	Customised, functional overlays
Standard thicknesses	16, 18 & 22 mm
Standard sizes	1220-1250 x 2500 / 1500 x 3000 mm, other sizes on request.
Edge treatment	Standard without edge sealing, available on request
Fire classifications	The fire-resistance properties of KoskiSound F has been tested by RST. DIN EN 45545-2 fulfills R10 Hazard Level HL3.
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 Koskien website.

Sound reduction

Thickness	Sound reduction Rw dB	Weight kg / m^2
16	31	9,9 - 11,4
18	32	11,1 - 12,8
22	32	13,7 - 15,7

The sound reduction index R is measured in accordance with EN ISO 10140-1:2016 / EN ISO 10140-2:2010 and the weighted sound reduction index Rw is determined in accordance with ISO 717-1:2013.



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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