KoskiSound



Sound insulation plywood

KoskiSound is Finnish birch plywood with 4,0 mm sound barrier in the middle of the board. Boards are composite structures made out of plywood and sound absorbing material. It is an ideal acoustic material for Marine, Railway and ground Transportation.

KoskiSound is suitable for exterior and interior uses. Less fuel consumption and reduction of CO_2 emissions can be achieved by using KoskiSound. Materials are free of hazardous substances like PVC, heavy metals and added formaldehyde.

KoskiSound is suitable especially for floors for railway wagons, bus floors, shipbuilding, engine compartment.

ACOUSTIC

EASY MACHINING

- Good sound reduction properties
- Good strength and stiffness properties
- Light weight

KOSKISEN

KoskiSound

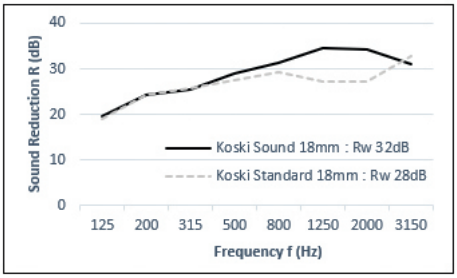
Technical specifications

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	Can be coated on request.
Standard thicknesses	16, 18 and 22 mm. Thickness tolerance +/- 1.0 mm Other thicknesses on request.
Standard sizes	1220-1250 x 2500 / 1500 x 3000 mm, other sizes on request.
Fire classifications	95/28EC approval, buses E17 118RII, buses
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.

Sound reduction

Thickness	Sound reduction Rw dB	Weight kg / m²
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.fi/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.

KOSKISEN

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