

KoskiSound

Sound insulation plywood

PLYWOOD

KoskiSound is Finnish birch plywood with a sound barrier in the middle of the board. The EVA-based 3 mm thick sound-insulating material is primarily intended for insulation of air-borne sound, but KoskiSound also has some structure-borne sound damping properties, especially at low temperatures.

KoskiSound features

- good sound reduction properties
- good strength and stiffness properties
- light weight

KoskiSound is suitable for exterior and interior uses.

KoskiSound applications

- floors for railway wagons
- bus floors
- shipbuilding
- sound reduction boards



KOSKISOUND TECHNICAL DATA

Base plywood

Finnish birch plywood

Bonding

WBP exterior acc. to BS 6566, BFU 100 according to DIN 68705, EN 636-3

Coating

Can be coated on request.

Edge treatment

Untreated

Thicknesses

10.5, 15.5 and 21 mm
thickness tolerance +/- 1.0 mm
Other thicknesses on request

Sizes

1200-1220/1500 x 2400/3000 mm
Lengths 1250 and 1525 mm can only be delivered with the option to deliver falling lengths 1220/1500 mm at the same time.
Other sizes on request

Weight

11.6 kg/m² (10.5 mm), 14.8 kg/m² (15.5 mm) or 18.6 kg/m² (21 mm)

Strength properties

Approx 10% below those of birch plywood in the same thickness

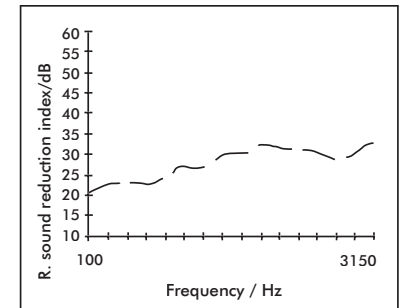
The information, although based on extensive testing, is intended as a guideline only and comes without warranty. We reserve the right to amend specifications without notice. Any defects other than caused by clearly verified production or service faults by the supplier are the responsibility of the user. Any claim for compensation is limited to the value of the defective panels.



KOSKISEN OY PLYWOOD INDUSTRY
Tehdastie 2, 16600 Järvelä, Finland
tel +358 20 553 41, fax +358 20 553 4207
www.koskisen.com

PLYWOOD

Sound reduction



Frequency Hz	Sound reduction index dB / KoskiSound
100	20.8
125	22.5
160	23.5
200	22.0
250	24.6
315	24.9
400	26.6
500	28.9
630	30.1
800	31.7
1000	31.8
1250	30.9
1600	30.7
2000	28.6
2500	30.0
3150	33.0

Other data

Modulus of elasticity, characteristics strengths and ready calculated span/load/deflection charts for various loading conditions for plywoods are presented in the Handbook of Finnish Plywood.

Machining

Drilling of holes and edge machining like T&G, chamfer and rebate at request

Certificates

EN ISO 9001, EN ISO 14001, SMS 1003-1, OHSAS 18001

