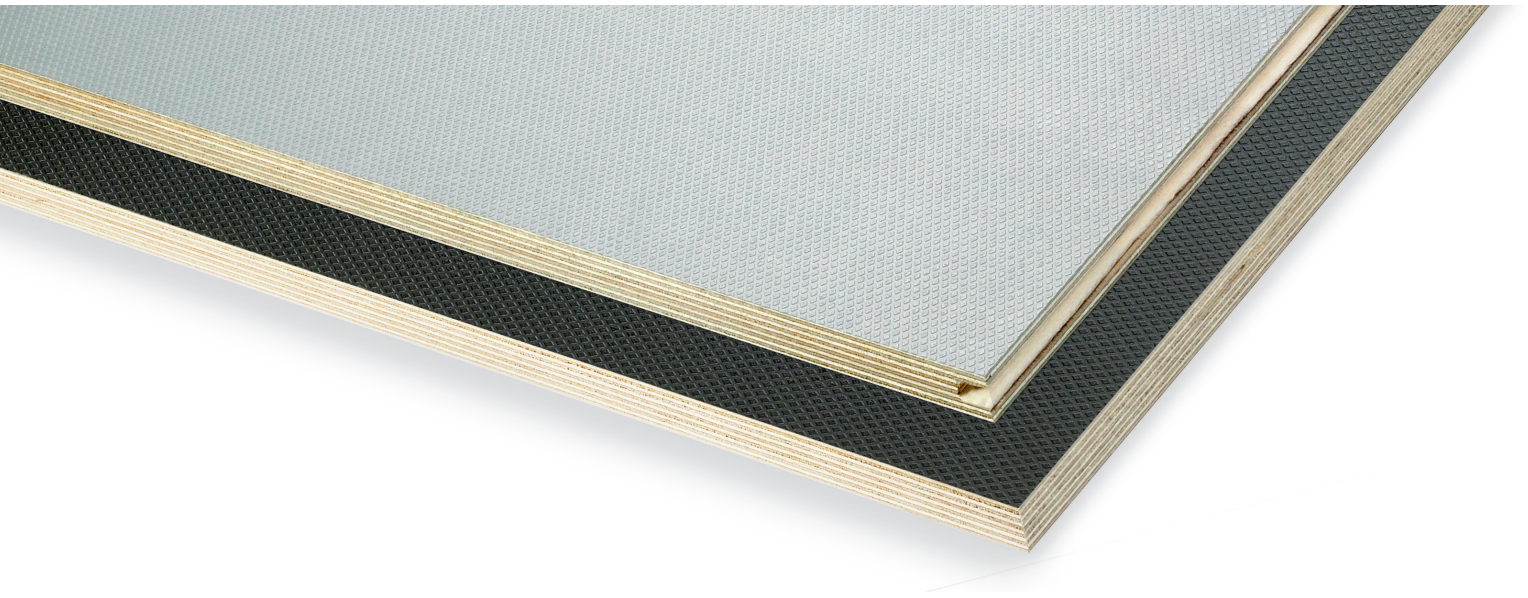
KoskiCarat



Flooring panel with diamond pattern

KoskiCarat is a durable flooring material coated with a hard wearing film overlay and imprinted with thousands of small raised diamond shapes. Thanks to the raised diamond pattern, point loads cause only limited bearing stress on the plywood surface underneath.

KoskiCarat is an ideal material for demanding flooring applications in vehicles designed for high load bearing capacity. KoskiCarat is suitable especially for heavy duty flooring applications in vehicle industry, loading platforms, pedestrian bridges, sport and playground facilities, stages, stands, terraces and warehouse floors.

ANTISLIP

EASY TO CLEAN

EASY MACHINING

LOAD BEARING CAPACITY

- Excellent point load bearing capability
- Improved shear strength of the face veneer.
- Wear resistant surface.
- Slip resistant surface

KOSKISEN

KoskiCarat

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	Film weights from 220 g/m2 to 440g/m2. Standard colours dark brown, light and dark grey, silver	
Standard thicknesses	9, 12, 15, 18, 21, 24, 27 and 30 mm Other thicknesses on request	
Standard sizes	1200/1220/1250 x 2400/2440/2500 mm 1200/1220 x 3000/3300/3600/4000 mm 1500/1525/1880 x 3000/3050/3600/4000 mm Other sizes on request up to 2900 x 13000 mm	
Density	Approx 700 kg/m3	
Edge treatment	Acrylic paint against moisture pick up	
Wear resistance	Taber value from 800 R to 1500 R (EN 438-2) depending on the coating	
Wheel test value	Approx 6000 movements (depending upon the coating) with a load of 300 kg (SFS3939)	
Fire classification	E17 118RII Type Approved FMVSS 302 Approval	95/28/EC Approval for vehicle floors EN 13501-1 Class Bfl-s1 for floors
Machining	Drilling of holes (possibility to create patterns), edge machining such as 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 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

Koskisen Panel Industry
Tehdastie 2, 16600 Järvelä, FINLAND
tel. +358 20 553 41
koskisen.com

FSC www.fsc.org FSC® C116522

PEFC PEFC/02-31-235

CE 2412-CPR-1301-01

epd 3rd PARTY VERIFIED THE BUILDING INFORMATION FOUNDATION RTS