



# 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.

## Key benefits

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



ECO-FRIENDLY



ANTISLIP



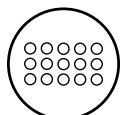
EASY TO CLEAN



LOAD BEARING  
CAPACITY



LOW EMISSION



EASY MACHINING

# Technical specifications – KoskiCarat

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	Film weights from 220 g/m <sup>2</sup> to 440g/m <sup>2</sup> . 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/m <sup>3</sup>
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 (SFS 3939)
Fire classification	E17 11BR11 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 <a href="http://koskisen.com/download">koskisen.com/download</a> .

## Additional information

### Environment

Our raw material, wood is an ecological and renewable material and it stores carbon during its whole life cycle. Koskisen plywood products are manufactured in Finland according to the strictest sustainability principles. Koskisen is a pioneer in the Finnish forest industry in paying attention to the environment and the wood's supply chain is always known in detail. Finnish forest are primarily privately owned and the owners are guided by a strong commitment to long-term forestry and forest cultivation. Yearly, Finnish forests grow more than they are harvested. This guarantees a sustainable and environmentally sound raw material.

### 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 Panel Industry

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