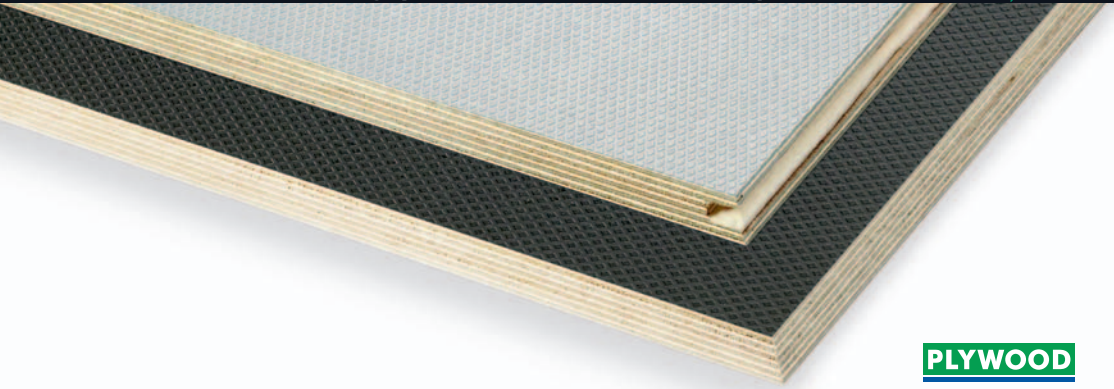


# KoskiCarat

Flooring panel with diamond pattern



**PLYWOOD**

KoskiCarat flooring panel is coated with a phenolic film 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 features

- excellent point load bearing capability
- improved shear strength of the face veneer
- wear resistant surface
- slip resistant surface

KoskiCarat is an ideal material for demanding flooring applications in vehicles designed for high load bearing capacity.

## KoskiCarat applications

- heavy duty flooring applications in vehicle industry
- loading platforms
- pedestrian bridges
- sport and playground facilities
- stages, stands, terraces
- warehouse floors



## KOSKICARAT TECHNICAL DATA

### Base plywood

Finnish birch or combi plywood

### Bonding

WBP exterior according to BS 6566, BFU 100 according to DIN 68705, EN 636-3, EN 1084 class A

### Coating

Brown phenolic film 220 or 440 g/m<sup>2</sup> with diamond imprint, reverse 120 or 220 g/m<sup>2</sup> smooth phenolic film

### Edge treatment

Acrylic paint

### Thicknesses

9, 12, 15, 18, 21, 24, 27 and 30 mm  
Other thicknesses on request

### Sizes

1200/1220/1250 x 2400/2440/2500 mm

1200/1220 x 3000/3300/3600/4000 mm

1500/1525 x 3000/3050/3600/4000 mm

Other sizes on request up to  
1800 x 4000 mm

### Weight

birch approx 700 kg/m<sup>3</sup>  
combi approx 630 kg/m<sup>3</sup>

**PLYWOOD**

### Water absorption

Less than half of that of normal wire mesh surface

### Wear resistance

Taber value from 800 to 1500 R, depending on the coating (DIN 53799)

### Wheel test value

Approx 6000 movements (depending upon the coating) with a load of 300 kg (SFS 3939)

### 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

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.



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