



## KOSKISEN CHIPBOARDS

### PRODUCT AND ENVIRONMENT DATA SHEET

**Product:** Particleboard; standard EN 312:2010

**Brand names:** Koskipan, Koskifloor, Koskiwall

**Board types:** P1, P2, P4, P5 P6

**Manufacturer:** Koskisen Oy,  
Chipboard Industry  
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#### Certified Quality Systems:

The Quality Management System ISO 9001  
The Environmental Management System ISO 14001  
Chain of Custody System PEFC – Annex 4  
Management System OHSAS 18001

#### Formaldehyde class:

Boards meet with the requirements of **EN 312:2010 Class E1**. Formaldehyde emissions from Class E1 type chipboard are very low. In general chipboard meets with the requirements of class M2 of finishing material emission classification. After painting or overlaying it generally meets with the requirements of Class M1.

#### Composition of the board:

All used wood raw material is side products from wood industry, mainly saw dust. 90 % of used wood is soft wood. Recycled material is not used so there is no risk of any wood harmful wood preservatives or radioactivity.

Density of the board varies between 600 - 800 kg/m<sup>3</sup> depending on the thickness and the strength grade of the board.

Following is a proportion of raw materials of Koskisen chipboard:

	P1, P2, P4, P6	P5
Wood:	91 - 92 %	91 - 92 %
Urea-formaldehyde resin (UF)	7 - 8 %	
Urea melamine resin (MUF)		9 - 10 %
Urea (NH <sub>2</sub> ) <sub>2</sub> CO	< 0,2 %	< 0,2 %
Ammonium sulphate (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	< 0,2 %	< 0,2 %
Paraffin wax:	< 1 %	~ 1 %
Green color		~ 0,02 %

#### Disposal of the product:

Chipboard can be disposed by burning it under control in high temperatures. The dwell time at 850 °C temperature must be at least 2 s. It is not recommended to dispose chipboard by burning it in normal household.

#### Re-use and disposal of packing material

The material of supports in a chipboard pallet is chipboard. Unbroken supports can be returned to the mill for re-use, or they can be disposed by burning in the same way as chipboard.

Unbroken protection boards can be returned to the mill for re-use or they can be disposed in the same way as chipboard.

PET plastic packing bands can be used for energy production.

Packing cardboard is recyclable material and can be re-used or disposed by burning.

#### Use of Koskisen chipboards:

Most common board use: furniture, fitments, building industry

#### Handling and protection:

Boards are to be stored in a secure, clean and dry place with relative humidity less than 60 %. Uncoated particle boards shall be conditioned 5...7 days in an atmosphere that is near final humidity and temperature. Special attention is required with handling boards, and edges and corners are to be protected against handling damages.