

DoP No: KKN-03-016-CPR
CE certificate No: 2412-CPR-1302-03

Particle board P6

Particleboard fulfils the demands of EN 312 standard.
P6 EN 312 heavy duty load-bearing boards for use in dry conditions.

Koskisen Oyj
Chipboard mill
Tehdastie 2
16600 Järvelä
www.koskisen.com

AVCP system 2+

Control Union Finland Oy, notified production control certification body No. 2412 performed initial inspections of the manufacturing plants and factory production control and performs continuous surveillance, assessments, and evaluation of factory production control under system AVCP 2+ and issued the certificate of conformity of the factory production control for CE marking 2412-CPR-1302-03. Harmonised standard EN 13986:2004 + A1:2015.

Harmonised technical specification EN 13986:2004+A1:2015
Characteristic strength value (N/mm²), P6 class particle board according to EN 312.



Thickness mm	> 6-10	> 10-13	> 13-20	> 20-25	> 25-32	> 32-40
Bending strength (N/mm ²)	20	20	18	16	15	14
Modulus of elasticity in bending (N/mm ²)	3150	3150	3000	2550	2400	2200
Internal bond (N/mm ²)	0,60	0,60	0,50	0,40	0,35	0,30
Swelling in thickness 24 h (%)	16	16	15	15	15	14
Strength and stiffness for structural use (KN/m ²)	Service class 1					1,5
Strength and stiffness under point load (KN)	Service class 1					1,4

Essential characteristics	Performance	Standard
Release of formaldehyde (EN 717-1)	E05 ($\leq 0.062 \text{ mg/m}^3$)	EN 13986
Reaction to fire	D-s2, d0	
Water vapour permeability	3...7x10 ⁻¹² kg/msPa	
Airborne sound insulation	NPD	
Sound absorption	NPD	
Thermal conductivity	0,13 W/(m k)	
Impact Resistance	NPD	
Mechanical Durability	Table 3.1	
detailed information can be found in Tables 3.1 & 3.2 of EN 1995-1-1	Table 3.2	
Biological durability EN 335	Class 1	
Content of pentachlorophenol (PCP)	$\leq 5 \text{ ppm}$	

The performance of the product identified in point 1. is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and behalf of the manufacturer 18.8.2026.

Santtu Eilamo
Santtu Eilamo

Quality Manager, Panel Industry



: **Koskisen**
 : Tehdastie 2 | 16600, Järvelä, Finland
 : +358 20 553 41 | info@koskisen.com
 : VAT No FI0148241-9 | Reg. Office Kärkölä