DECLARATION OF PERFORMANCE

DoP No: KKN-03-015-CPR
CE certificate No: 2412-CPR-1302-03

1. Product type

Particle board P5

2. Intended use of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer

Particleboard fulfils the demands of EN 312 standard.
P5 EN 312 load-bearing boards for use in humid conditions.

3. Name and address of the manufacturer

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

4. System or systems of assessment and verification of constancy of performance

AVCP system 2+

5. Construction product covered by a harmonised standard

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.

6. Declared performance

Harmonised technical specification EN 13986:2004+A1:2015.
Characteristic strength value (N/mm^2), P5 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)	18	18	16	14	12	10
Modulus of elasticity in bending (N/mm^2)	2550	2550	2400	2150	1900	1700
Internal bond (N/mm^2)	0,45	0,45	0,45	0,40	0,35	0,30
Swelling in thickness 24 h (%)	13	11	10	10	10	9
Internal bond after cyclic testing (N/mm^2)	0,25	0,25	0,22	0,20	0,17	0,15
Swelling in thickness after cyclic testing (%)	12	12	12	11	10	9

Essential characteristics	Performance	Standard
Release of formaldehyde (EN 717-1)	E05 (≤ 0.062 mg/m³)	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/mK	
Impact Resistance	NPD	
Mechanical Durability Detailed information can be found in Tables 3.1 & 3.2 of EN 1995-1-1	Table 3.1 Table 3.2	
Biological durability EN 335	Class 1	
Content of pentachlorophenol (PCP)	≤ 5 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

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Quality Manager, Panel Industry

KOSKISEN

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