DoP particle board 12.01.2018

DECLARATION OF PERFORMANCE, DOP

No. KKN-03-012-CPR / 2412-CPR-1302-03



1. Product type

Particle board P6

2. Type, batch or serial number or any other identification

General purpose use: particle board P6

3. Intended use or uses 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. P6 (EN 312) heavy duty load-bearing boards for use in dry conditions.

4. Name and address of the manufacturer

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

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

AVCP system 2+

6. Construction product covered by a harmonised standard

Finotrol Oy, notified production control certification body No 2412 performed initial inspection of the manufacturing plants and of factory production control and performs continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued the certificate of conformity of the factory production control: 2412-CPR-1302-03.



7. Declared performance

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/mm²)	20	20	18	16	15	14
Modulus of elasticity in bending (N/mm²)	3150	3150	3000	2550	2400	2200
Internal bond (N/mm²)	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/m²)	Service class 1				1,5	
Strength and stiffness under point load (KN)	Service class 1			1,4		

Essential characteristics	ential characteristics Performance			
Release of formaldehyde	ease of formaldehyde E1			
Reaction to fire	D-s2, d0			
Water vapour permeability	37x10-12 kg/msPa			
Airborne sound insulation	NPD			
Sound absorption	NPD			
Thermal conductivity	0,13 W/(m k)	EN 13986		
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)	cal durability (EN 335) Class 1			
Content of pentachlorophenol (PCP)	≤ 5 ppm			

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by In Järvelä 12.1.2018

Juha Jalkanen

Director, Panel Industry

