



wood industry

FALCO ZRT.,
H-9700 Szombathely, Zanati út 26.

Document: FS-DOP-001

Date: 02.09.2020.

DECLARATION OF PERFORMANCE

According to the regulation Nr. 305/2011/ EU and the 275/2013. (VII. 16.) hungarian edict.

DOP Number: DOP-001

1. Type:

FALCO
Cement-bonded particleboard

2. Production order no.:

See at the label, attached to the pallet

3. Intended use of the product:

As wall base material of lightweight construction buildings , as internal and external wall covering, as ceiling, permanent formwork of concrete constructions, flooring, and as boardmaterial for building of the above listed constructions.

4. Manufacturer:

FALCO Zrt.
H-9700 Szombathely, Zanati út 26.
+36/94 516 600

**5. Authorized representative
of the manufacturer:**

Marco Talasz;
H-9700 Szombathely, Zanati út 26.

6. System of assessment and verification according to Appendix V of regulation No 305/2011:

System 3

7. Construction product covered by:

EN 13986:2004+A1:2015


8. Notified body:

ÉMI
Építésügyi Minőségellenőrző
Innovációs Nonprofit Kft.

9. Declared performance:

Tolerances (acc. EN 312)				
Mechanical properties	Test method	Unit	Tolerance	
Density	EN 323	[kg/m ³]	≥ 1000	
Internal Bond strength	EN 319	[N/mm ²]	≥ 0,5	
Internal Bond strength (cyclic stress-test)	EN 319	[N/mm ²]	≥ 0,3	
Bending strength	EN 310	[N/mm ²]	≥ 9	
Modulus of elasticity	EN 310	[N/mm ²]	≥ 4500	
Swelling in 24 h	EN 317	[%]	≥ 1,5	
Swelling in 24 h (cyclic test)	EN 321	[%]	≥ 1,5	
Formaldehyde emission	EN 717-1	[mg/m ³]	<0,124	
Building physical properties (acc. EN 13986)				
Fire behaviour category	Standard	Unit		
Normal usage	EN 13501-1	category	B-s1,d0	
Usage as flooring	EN 13501-1	category	Bfl-s1	
Thermal conductivity				
	MSZ EN ISO 13787	[λW/(m*K)]	0.23	
Biological durability				
	EN 335	Class	3	
PCP content				
	EN 13986	[ppm/Kg]	≤ 5	
Moisture conductivity				
			Wet	Dry
Dry	EN 13986	μ	30	50
Air sound insulation				
8 mm	EN 13986	dB	27,4	
40 mm	EN 13986	dB	36,4	
Elision			250 - 500	1000 - 2000
Frequency range	EN 13986	Hz	0.1	0.3

02.09.2020

Signed on behalf of the manufacturer by
 **FALCO Zrt.**
WOOD INDUSTRY

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