



## **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.  
Zanati út 26, H-9700 Szombathely  
+36/94 516 600

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

Marco Talasz  
Zanati út 26, H-9700 Szombathely,

**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:

<b>Tolerances (acc. EN 312)</b>				
<b>Mechanical properties</b>	Test method	Unit	Tolerance	
Density	EN 323	[kg/m <sup>3</sup> ]	≥ 1000	
Internal Bond strength	EN 319	[N/mm <sup>2</sup> ]	≥ 0,5	
Internal Bond strength (cyclic stress-test)	EN 319	[N/mm <sup>2</sup> ]	≥ 0,3	
Bending strength	EN 310	[N/mm <sup>2</sup> ]	≥ 9	
Modulus of elasticity	EN 310	[N/mm <sup>2</sup> ]	≥ 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 <sup>3</sup> ]	< 0,124	
<b>Building physical properties (acc. EN 13986)</b>				
<b>Fire behaviour category</b>	Standard	Unit		
Normal usage	EN 13501-1	category	B-s1,d0	
Usage as flooring	EN 13501-1	category	B <sub>f</sub> -s1	
<b>Thermal conductivity</b>				
	MSZ EN ISO 13787	[λW/(m*K)]	0.23	
<b>PCP content</b>				
	EN 13986	[ppm/Kg]	≤ 5	
<b>Moisture conductivity</b>			Wet	Dry
Dry	EN 13986	μ	30	50
<b>Air sound insulation</b>				
8 mm	EN 13986	dB	27,4	
40 mm	EN 13986	dB	36,4	
<b>Sound absorption</b>			250 – 500 Hz	1000 – 2000 Hz
Frequency range	EN 13986	Hz	0.10	0.30

### Provisions:

We accept no liability for any errors in standards or printing errors. Continuous development of our products may result technical differences.

The content of this document shall not be considered as legal binding or as usage instruction.



**FALCO Zrt.**

Zanati u. 26.  
9700 Szombathely  
Hungary

Phone: +36 94 516-600

Fax: +36 94 516-693

E-mail: [office@falco-woodindustry.com](mailto:office@falco-woodindustry.com)

Prepared by: Mihály Szele

Checked by: Marco Talasz

Approved by: Igor Ilic



Szombathely, 16.08.2023

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