

Declaration of Performance(DoP)
according to the new EU Regulation Reg 305/2011

	No:	1/2013
1	Unique identification code of the product-type	Betonyp cement-bonded wood particle board
2	Batch or order number	See batch details on label or packaging
3	Intended uses of the product	For wall-construction of lightweight-buildings, as an external or internal wall-covering, for suspended ceilings, as a concrete formwork, as a floorcovering and as a sheetproduct for the construction industry, which is suitable for the production of the construction of these elements
4	Producer	Name FALCO Zrt
		Address 9700 Szombathely, Zanati Str. 26.
		contact + 36 / 94 -516 - 600
5	Authorised representative	Josef Mursics 9700 Szombathely, Zanati Str. 26.
6	System of assessment and verification of constancy of performance	3
7	Name of notified body :	ÉMI Non-Profit Limited Liability Company for Quality Control and Innovation in Building Central Laboratory
	Number of certification :	M-3036/2007
8	(in case of ETA)	

Performance

Basic attribute	Performance	Norm
Bulk Density	≥ 1000 kg/m ³	EN 13986:2004
Bending strength (durability against ageing)	≥ 9,0 N/mm ²	EN 13986:2004
Bending stiffness (elastic modulus)	≥ 4000 N/mm ²	EN 13986:2004
Internal bond (tensile strength perpendicular to the plane)		EN 13986:2004
stored in standard climate	≥ 0,5 N/mm ²	EN 13986:2004
after cyclic test (moisture resistance)	≥ 0,3 N/mm ²	EN 13986:2004
Thickness increase		EN 13986:2004
after immersion in water at 20°C for 24 h. (durability)	≤ 1,5 %	EN 13986:2004
after cyclic stress (moisture resistance)	≤ 1,5 %	EN 13986:2004
Release of formaldehyde class E ₁	≤ 0,124 mg/m ³	EN 13986:2004
Reaction to fire	B-s1, d0 class	EN 13986:2004
when used as flooring	B _f -s1 class	EN 13986:2004
Water vapour permeability	wet 30 μ	EN 13986:2004
	dry 50 μ	EN 13986:2004
Airborne sound insulation* R	8 mm thick. 27,4 dB	EN 13986:2004
	40 mm thick. 36,4 dB	EN 13986:2004
Sound absorption**	betw. 250-500 Hz 0,1	EN 13986:2004
	betw. 1000-10000 Hz 0,3	EN 13986:2004
Thermal conductivity***	0,23 λW/mK	EN 13986:2004
Biological durability	3 class	EN 13986:2004
Content of pentachlorophenol****	≤ 5 ppm/kg	EN 13986:2004
* if usage has acoustic requirements (the values have been calculated for 1400 kg/m ³ bulk density with the formula R = 13 x lg(m _a) +14)		
** if the board is used for sound absorption		
*** if usage has heat insulation consequences		
**** ppm = 10 ⁶ magnitude of the unit (in our case kg).		

DECLARATION

10	The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
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Szombathely, 2013. 06.18.

FALCO Zrt
 Szombathely
 Vecsey Dénés Vezérigazgató