DECLARATION OF PERFORMANCE

	DOP no.	DOP-732-08
1	Unique product identification code:	732 (recipe no.) 6 to 30 mm (panel thickness)
2	Use:	Structural or load-bearing components for indoor use in dry and humid conditions
3	Name and Manufacturer Registered trade name or registered brand and contact address of the manufacturer:	**EGGER OSB 3 E0** **EGGER Ergo Board** **OSB/3 ECS** EGGER Holzwerkstoffe Wismar GmbH & Co KG Am Haffeld 1 D-23970 Wismar web: www.egger.com SC EGGER România SRL Str. Austriei 2 RO-725400 Rădăuţi, jud. Suceava web: www.egger.com
4	not applicable	
5	System for the assessment and verification of constancy of performance of the building product:	System 2+
6	Harmonized standard	EN 13986:2004+A1:2015
	Notified body:	no. 0766 eph – Entwicklungs- und Prüflabor Holztechnologie GmbH Zellerscher Weg 24 D-01217 Dresden web: www.eph-dresden.com

7 Declared performance:

Specification		unit	Panel thickness [mm] › 6 - 10	› 10 - ‹18	18 - 25	› 25 - 32	›32 - 40	
Bending strength	bending acc. to EN 310 - 0° major axis	N/mm²	≥ 22	≥ 20	≥ 18	≥ 16	≥ 14	
	bending acc. to EN 310 – 90° minor axis	N/mm²	≥ 11	≥ 10	≥ 9	≥ 8	≥ 7	technical class
Modulus of Elasticity	bending acc. to EN 310 - 0° major axis	N/mm²	≥ 3500	≥ 3500	≥ 3500	≥ 3500	≥ 3500	OSB/3 acc. to EN 300
	bending acc. to EN 310– 90° minor axis	N/mm²	≥ 1400	≥ 1400	≥ 1400	≥ 1400	≥ 1400	

Essential characteristics		unit	Panel thickness [mm] › 6 - 10	› 10 - ‹18	18 - 25	› 25 - 32	›32 - 40	Harmonized technical specification
Durability	thickness swelling 24h	%	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	
	Internal bond	N/mm²	≥ 0.34	≥ 0.32	≥ 0.30	≥ 0.29	≥ 0.26	
	internal bond - option 1	N/mm²	≥ 0.18	≥ 0.15	≥ 0.13	≥0.10	≥0.08	
	bending strength - major axis - option 1	N/mm²	≥ 9	≥ 8	≥7	≥6	≥6	EN 13986:2004+A1:2015
	internal bond - option 2	N/mm²	≥ 0.15	≥ 0.13	≥ 0.12	≥0.06	≥0.05	
	mechanical		k_{def}	k_{mod} permanent	k_{mod} long	k_{mod} medium	k_{mod} short	k_{mod} instantenous
		SC1	1.50	0.40	0.50	0.70	0.90	1.10
		SC2	2.25	0.30	0.40	0.55	0.70	0.90
	biological (use class)		GK 1 & 2					
Release of Formaldehyde	acc. to EN 717-1	ppm	‹ 0.03 (no added formaldehyde) Emission class E1					
Release of PCP		ppm	‹ 3.0					
Density		kg/m³	≥ 600 kg/m³					
Water vapour permeability	μ (dry / wet)	-	200 / 150					
Thermal conductivity		W/mK	0.13					
Airborne sound insulation	sound absorption coefficient	-	0.10 / 0.25 (frequency range 250 - 500 Hz / 1000-2000 Hz)					
	sound insulation R [g]	dB	NPD					
Air permeability	acc.to EN 12114 (at 50 Pa pressure difference)	m³/(m²*h)	NPD					
Reaction to fire *)		**class**	**class floor covering**		**Minimum thickness [mm]**			
	without air gap behind OSB [a,b,e,f]	D-s2, d0	$D_{fl,s1}$		9 mm			
	closed / open air gap ≤ 22mm behind OSB [c,e,f]	D-s2, d0	-		9 mm			
	with closed air gap behind OSB [d,e,f]	D-s2, d0	$D_{fl,s1}$		15 mm			
	with open air gap behind OSB [d,e,f]	D-s2, d0	$D_{fl,s1}$		18 mm			
	without restriction [e,f]	E	E_{fl}		3 mm			

Essential characteristics		unit	panel thickness [mm					Harmonized technical specification
			› 6 - 10	› 10 - ‹18	18 - 25	› 25 - 32	›32 - 40	
Characteristic strength								EN 13986:2004+A1:2015
Bending f_m	0° - major axis	N/mm²	18.0	16.4	14.8	NPD	NPD	
	90° - minor axis	N/mm²	9.0	8.2	7.4	NPD	NPD	
Tension f_t	0° - major axis	N/mm²	9.9	9.4	9.0	NPD	NPD	
	90° - minor axis	N/mm²	7.2	7.0	6.8	NPD	NPD	
Compression f_c	0° - major axis	N/mm²	15.9	15.4	14.8	NPD	NPD	
	90° - minor axis	N/mm²	12.9	12.7	12.4	NPD	NPD	
Shear f_v ⊥ panel surface	0° - major axis / 90° - minor axis	N/mm²	6.8	6.8	6.8	NPD	NPD	
Shear f_r in panel surface	0° - major axis / 90° - minor axis	N/mm²	1.0	1.0	1.0	NPD	NPD	
Mean stiffness								
Bending E_m	0° - major axis	N/mm²	4930	4930	4930	NPD	NPD	
	90° - minor axis	N/mm²	1980	1980	1980	NPD	NPD	
Tension E_t	0° - major axis	N/mm²	3800	3800	3800	NPD	NPD	
	90° - minor axis	N/mm²	3000	3000	3000	NPD	NPD	
Compression E_c	0° - major axis	N/mm²	3800	3800	3800	NPD	NPD	
	90° - minor axis	N/mm²	3000	3000	3000	NPD	NPD	
Shear G_v ⊥ panel surface	0° - major axis / 90° - minor axis	N/mm²	1080	1080	1080	NPD	NPD	
Shear G_r in in panel surface	0° - major axis / 90° - minor axis	N/mm²	50	50	50	NPD	NPD	
Impact resistance		N/mm²	NPD	NPD	NPD	NPD	NPD	
Embedding strength		N/mm²	EN 1995-1-1, Abs. 8					
Racking resistance		N/mm²	EN 1995-1-1					
Performance wall EN 12871	soft body impact acc. to EN 596	-	Pass					
	panel thickness	mm	≥ 9 mm					
	EGGER Ergo Board acc. to DIN 4103-1	mm	≥ 12 mm installation class 1 and 2					
Performance Floor EN 12871 (major axis. 0°)	load category	-		A	A			
	panel thickness	mm		≥ 15	≥ 18			
	cc-span	mm		≤ 410	≤ 625			
Performance roof EN 12871 (major axis. 0°)	load category	-		H	H			
	panel thickness	mm		≥ 12	≥ 18			
	cc-span	mm		≤ 625	≤ 833			

8 not applicable

The product performance according to number 1 corresponds to the declared performance according to number 7. Solely the manufacturer is responsible for drafting the declaration of performance according to number 3.

Signed for and in the name of the manufacturer by:

Raimund Hagspiel
Head of EBP Technical/ Production

Christoph Pirckmayer
Managing Director Technics/ Production

Wismar / Radauti, 17.02.2026

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*) Note:

a Without air gap installed directly on products in classes A1 or A2-s1, d0 with a minimum raw density of 10 kg/m³ or at least products of class D-s2,d2 with a minimum raw density of 400 kg/m³.

b An underlayment made of cellulose thermal insulation material of at least class E may be used if installed directly behind the wood-based material; however, this does not apply to flooring.

c Installed with air gap behind the product. Bordering with its rear side the empty space must correspond at least to class A2-s1,d0 with a minimum raw density of 10 kg/m³.

d Installed with air gap behind the product bordering with its rear side the empty space must correspond at least to class D-s2,d2 with a minimum raw density of 400 kg/m³.

e With the exception of flooring. The class also corresponds to veneered, phenol and melamine-faced boards.

f A vapour barrier with a thickness of up to 0.4 mm and a mass of up to 200 g/m² may be installed between the wood-based material and the underlayment if there is no air gap in between.

g $R = 13 * \lg(m_A) + 14$ (area mass related m_A, frequency range 1 to 3 kHz) acc. to EN 13986