CE DECLARATION OF PERFORMANCE

According to the regulation (EU) Nr. 305 of the European Parliaments and of the Council of 09. March 2011

No.: 0734/11-17

1. Type:

OSB/3, thickness >10 <18 mm

2 Recipe no.:

Rec. 734

3. Intended use:

**Structural components for use under dry and humid conditions,
type OSB/3 acc. to EN 300:2006**

4. Trade name :

EGGER OSB 3 E0

Manufacturer:
**EGGER Holzwerkstoffe Wismar
GmbH & Co. KG
Am Haffeld 1
23970 Wismar
Germany**

5. not applicable

6. System of assessment and verification of constancy of performance acc. to Annex V of regulation (EU) No 305/2011:
System 2+

7. Construction product covered by :

EN 13986:2004

Notified body of the EU:
**0765
Wilhelm-Klauditz-Institut (WKI)
Bienroder Weg 54 e
38108 Brunswick
Germany,**

performed the initial inspection oft the manufacturing plant and of the factory production control and the continuous surveillance, assessment and evaluation of factory production control acc. to EN 13986:prA1_draftxx System 2+
and issued the certificate of conformity of the factory production control:

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8. not applicable

9. Declared Performance:

Essential characteristics	Performance			Harmonised technical specification
Thickness range	›10 ‹18 mm			
Panel direction	0° (major axis)	90°(minor axis)		
Strength (N/mm²)				
- Bending	16,4	8,2		EN 13986:2004
- Compression	15,4	12,7		
- Tension	9,4	7,0		
- Panel Shear	6,8	6,8		
- Planar Shear	1,0	1,0		
Mean Stiffness (N/mm²)				
- Bending	4930	1980		
- Compression	3800	3000		
- Tension	3800	3000		
- Panel Shear	1080	1080		
- Planar Shear	50	50		
Density	≥600 kg/m³ (determined)			
Punching shear (N/mm²)	NPD			
Reaction to fire	D-s2,d0			
Impact resistance	Pass			
Water vapour permeability (dry/wet)	200/150			
Air permeability	NPD			
Release of formaldehyde	E 1			
Release of PCP	‹ 3ppm			
Airborne sound insulation (surface mass)	NPD			
Sound absorption	0,10 / 0,25			
Thermal Conductivity	0,13 W/(m*K)			
Racking resistance	NPD			
Embedment strength	NPD			
Durability				
- Internal Bond	0,32 N/mm²			
- Swelling in thickness	15 %			
Moisture resistance Option 1	0,15 N7mm²			
- Mechanical		kmod =	kdef =	
	SC 1	EN 1995-1-1,	EN 1995-1-1,	
	SC 2	Tab. 3.1	Tab. 3.2	
- Biological	Use class 2			
Performance Floor	Load category	thickness	c-c-span	
EN 12871, OSB 0° major axis	A	≥18mm	≤625 mm	
Performance Roof	Load category	thickness	c-c-span	
EN 12871, OSB 0° major axis	A	≥12mm	≤625 mm	

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.

Signed for and on behalf oft he manufacturer by:

Erich Macala
Managing Director Production

Stefan Jacobs
Managing Director Sales

Wismar, d. 05.09.2013