

# CE DECLARATION OF PERFORMANCE

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

No.: DoP-0732/18-25 rev.01

1. Type:

OSB/3, thickness 18 - 25 mm

2 Recipe no.:

*Rec. 732*

3. Intended use:

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

4. Trade name :

**OSB 3 FSC**

Manufacturer:

**EGGER Holzwerkstoffe Wismar  
GmbH & Co. KG  
Am Haffeld 1  
D-23970 Wismar**

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+A1:2015**

Notified body of the EU:

**0765**

**Wilhelm-Klauditz-Institut (WKI)  
Bienroder Weg 54 e  
D-38108 Brunswick**

performed the initial inspection off the manufacturing plant and of the factory production control and the continuous surveillance,  
assessment and evaluation of factory production control acc. to EN 13986:2004+A1:2015 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
<b>Thickness range</b>	18-25 mm			EN 13986:2004+A1:2015
<b>Panel direction</b>	0° (major axis)	90°(minor axis)		
<b>Strength (N/mm<sup>2</sup>)</b>				
- Bending	14,8	7,4		
- Compression	14,8	12,4		
- Tension	9,0	6,8		
- Panel Shear	6,8	6,8		
- Planar Shear	1,0	1,0		
<b>Mean Stiffness (N/mm<sup>2</sup>)</b>				
- Bending	4930	1980		
- Compression	3800	3000		
- Tension	3800	3000		
- Panel Shear	1080	1080		
- Planar Shear	50	50		
<b>Density</b>	≥600 kg/m <sup>3</sup> (determined)			
<b>Punching shear (N/mm<sup>2</sup>)</b>	NPD			
<b>Reaction to fire</b>	D-s2,d0			
<b>Impact resistance</b>	Pass			
<b>Water vapour permeability (dry/wet)</b>	200/100			
<b>Air permeability</b>	NPD			
<b>Release of formaldehyde</b>	E 1			
<b>Release of PCP</b>	< 3ppm			
<b>Airborne sound insulation (surface mass)</b>	NPD			
<b>Sound absorption</b>	0,10 / 0,25			
<b>Thermal Conductivity</b>	0,13 W/(m*K)			
<b>Racking resistance</b>	NPD			
<b>Embedment strength</b>	NPD			
<b>Durability</b>				
- Internal Bond	0,30 N/mm <sup>2</sup>			
- Swelling in thickness	≤15%			
- Internal Bond Option 1	0,13 N/mm <sup>2</sup>			
- Mechanical		kmod =	kdef =	
	SC 1	EN 1995-1-1, Tab. 3.1	EN 1995-1-1, Tab. 3.2	
	SC 2			
- Biological	GK2			
<b>Performance Floor</b>	Load category	thickness	c-c-span	
EN 12871, OSB 0° major axis	A	≥18mm	≤625 mm	
<b>Performance Roof</b>	Load category	thickness	c-c-span	
EN 12871, OSB 0° major axis	H	≥12 mm	≤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 of the manufacturer by:

Erich Macala  
Managing Director Production

Stefan Jacobs  
Managing Director Sales