

# 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-0707/18-25

1. Type:

**OSB/2, thickness 18 - 25 mm**

2 Recipe no.:

**Rec. 707**

3. Intended use:

**Structural components for use under dry conditions,  
type OSB/2 acc. to EN 300:2006**

4. Trade name :

**EGGER OSB 2**

Manufacturer:

**EGGER Romania S.R.L. Rădăuți  
Str. Austriei 2,  
725400 Rădăuți, jud. Suceava  
Romania**

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 of 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 System 2+  
and issued the certificate of conformity of the factory production control:

**195**

8. not applicable

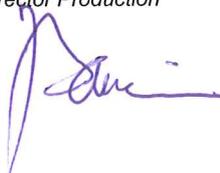
## 9. Declared Performance:

Essential characteristics	Performance			Harmonised technical specification
Thickness range	18 – 25 mm			EN 13986:2004
Panel direction	0° (major axis)	90°(minor axis)		
Strength (N/mm <sup>2</sup> )				
- Bending	14,8	7,4		
- Compression	14,8	12,4		
- Tension	9,0	6,8		
- Planar Shear	6,8	6,8		
- Panel Shear	1,0	1,0		
Stiffness (N/mm <sup>2</sup> )				
- Tension	4930	1980		
- Compression	3800	3000		
- Bending	3800	3000		
- Planar Shear	1080	1080		
- Panel Shear	50	50		
Density	≥580 kg/m <sup>3</sup> (determined)			
Punching shear (N/mm <sup>2</sup> )	NPD			
Reaction to fire	D-s1,d0			
Impact resistance	Pass			
Water vapour permeability (dry/wet)	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	EN 1995-1-1			
Embedment strength	EN 1995-1-1			
Durability				
- Internal Bond	≥ 0,30 N/mm <sup>2</sup>			
- Swelling in thickness	≤ 20 %			
- Mechanical		kmod =	kdef =	
	SC 1	EN 1995-1-1, Tab. 3.1	EN 1995-1-1, Tab. 3.2	
- Biological	Use class 1			
Performance Floor EN 12871, OSB 0° major axis	Load category	thickness	c-c-span	
	A	≥18/22mm	≤625mm	
Performance Roof EN 12871, OSB 0° major axis	Load category	thickness	c-c-span	
	H	NPD	NPD	

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:

Banciu Ioan Lucian  
Managing Director Production



Badescu Decebal Florin  
Managing Director Sales



Rădăuți, d. 22.07.2013