

# 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-0700/11-17

1. Type:

OSB/2, thickness >10 <18 mm

2. Recipe no.:

*Rez. 700*

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 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 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:prA1\_draftxx System 2+  
and issued the certificate of conformity of the factory production control:

**352**

8. not applicable

9. Declared Performance:

| Essential characteristics                | Performance                     |                          |                          | Harmonised technical specification |
|--|---------------------------------|--------------------------|--------------------------|------------------------------------|
| Thickness range                          | >10 <18 mm                      |                          |                          | EN 13986:2004                      |
| Panel direction                          | 0° (major axis)                 | 90°(minor axis)          |                          |                                    |
| Strength (N/mm²)                         |                                 |                          |                          |                                    |
| - Bending                                | 16,4                            | 8,2                      |                          |                                    |
| - Compression                            | 15,4                            | 12,7                     |                          |                                    |
| - Tension                                | 9,4                             | 7,0                      |                          |                                    |
| - Planar Shear                           | 6,8                             | 6,8                      |                          |                                    |
| - Panel Shear                            | 1,0                             | 1,0                      |                          |                                    |
| Stiffness (N/mm²)                        |                                 |                          |                          |                                    |
| - Tension                                | 4930                            | 1980                     |                          |                                    |
| - Compression                            | 3800                            | 3000                     |                          |                                    |
| - Bending                                | 3800                            | 3000                     |                          |                                    |
| - Planar Shear                           | 1080                            | 1080                     |                          |                                    |
| - Panel Shear                            | 50                              | 50                       |                          |                                    |
| Density                                  | ≥580 kg/m³ (determined)         |                          |                          |                                    |
| Punching shear (N/mm²)                   | NPD                             |                          |                          |                                    |
| Reaction to fire                         | 6<12mm:class E / ≥12mm: D-s1,d0 |                          |                          |                                    |
| Impact resistance                        | Pass                            |                          |                          |                                    |
| Water vapour permeability (dry)          | 100                             |                          |                          |                                    |
| 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                          | 0,32 N/mm²                      |                          |                          |                                    |
| - Swelling in thickness                  | 20%                             |                          |                          |                                    |
| - Mechanical                             |                                 | kmod =                   | kdef =                   |                                    |
|  | SC 1                            | EN 1995-1-1,<br>Tab. 3.1 | EN 1995-1-1,<br>Tab. 3.2 |                                    |
| - Biological                             | Use class 1                     |                          |                          |                                    |
| 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              | H                               | NPD                      | NPD                      |                                    |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. 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