

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-0506/12-20

1. Type:

MDF.RWH thickness range 12 – 20 mm

2. Recipe:

Rec. 506

3. Intended use:

Internal use as non-load-bearing component as rigid underlays in roofs and walls in dry and humid conditions; for structural purposes (only disc stress) for use in dry and humid conditions as type MDF.RWH according to EN 622-5:2006 and as non-load bearing rigid underlay on pitched roofs with overlapping roofing (eg tile, slate) according to EN 14964:2007 and acc.to general building approval Z-9.1-454.

4. Trade name:

EGGER DHF

Hersteller:

**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 und EN 14964:2007

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:

306

8. entfällt

9. Performance:

Essential characteristics	Performance	Harmonised technical specification
Thickness range	12 – 20 mm	EN 13986:2004 EN 14964:2007
Strength (N/mm ²)		
- Bending	11	
- Compression	9,6	
- Tension	11,7	
- Planar Shear	3,4	
- Panel Shear	NPD	
Stiffness (N/mm ²)		
- Tension	2000	
- Compression	2000	
- Bending	2100	
- Planar Shear	600	
- Panel Shear	100	
Density	≥600 <650 kg/m ³	
Punching shear (N/mm ²)	NPD	
Reaction to fire	D-s2,d0	
Impact resistance	Pass	
Water vapour permeability (dry/wet)	11/11	
Air permeability	≤0,14 m ³ /m ² h	
Release of formaldehyde	E 1	
Release of PCP	< 3ppm	
Airborne sound insulation (surface mass)	NPD	
Sound absorption	0,10 / 0,25	
Thermal Conductivity	0,10 W/(m*K)	
Racking resistance	EN 1995-1-1	
Embedment strength	d _n ≤3mm: 37,4 N/mm ²	
Durability		
- Internal Bond	0,30 N/mm ²	
- Swelling in thickness	≤6,5%	
- Internal Bond Option 1	≥0,08 N/mm ²	
- Mechanical	MBH.LA2 k _{mod} = k _{def} = SC1 EN 1995-1-1, EN 1995-1-1, SC2 Tab. 3.1 Tab. 3.2	
- Biological	Use class 2	
Performance Floor EN 12871	NPD	
Performance Roof EN 12871	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