



Declaration of Performance

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

DOP No.: DOP309

1. Type:

Thin particle board Type: P5

2. Recipe no.:

Rec. 309

3. Intended use:

Load-bearing boards for use in humid conditions

4. Trade name

EGGER panneaux de particules minces E1 P5 B/B1

5. Manufacturer:

FRITZ EGGER GmbH & Co. OG
Holzwerkstoffe
Fabriksweg 11a
6300 Wörgl
Austria

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

System 1

7. Construction product covered by :

EN 13986

8. Notified body of the EU:

0765
Wilhelm-Klauditz-Institut (WKI)
Bienroder Weg 54 e
38108 Braunschweig
Germany

9. Declared Performance:

Mechanical properties	Unit	Board thickness			
	[mm]	3 - 4	4 - 6	6 - 10	
Density	[kg/m ³]	Plant specific			
Internal Bond strength EN 319	[N/mm ²]	0.65	0.60	0.60	
Internal bond after boil test EN 1087-1	[N/mm ²]	0.20	0.17	0.17	
Bending strength EN 310	[N/mm ²]	20.0	20.0	19.0	
Modulus of elasticity EN 310	[N/mm ²]	2,550	2,550	2,550	
Swelling in thickness 24h EN 317	[%]	13	12	11	
Moisture content *1 EN 322	[%]	5-9			
Formaldehyde content *2 EN 120	[mg/100g]	E1			
General Tolerances					
Length and width tolerance EN 324	[mm]	± 5.0			
Squareness EN 324	[mm/m]	≤ 2.0			
Edge straightness tolerance EN 324	[mm/m]	≤ 1.5			
Thickness tolerance EN 324 (sanded boards)	[mm]	± 0.30			
Tolerance on the mean density within a board EN 323	[%]	± 10			
Building physical properties					
Fire behaviour category					
DIN EN 13501-1		B-s2, d0			
Water vapour diffusion resistance value EN13986					
		μ moist		μ dry	
Mean density 600 kg/m ³		15		50	
Mean density 900 kg/m ³		20		50	
Thermal conductivity EN 13986					
Mean density 600 kg/m ³		0.12			
Mean density 900 kg/m ³	[W/(m*K)]	0.18			
Sound absorption EN 13986					
Frequency range					
250 Hz to 500 Hz		0.10			
1000 Hz to 2000 Hz		0.25			
Biological durability EN 13986					
EN 335		Hazard category 1 (no earth contact, dry 20o/65% relative humidity)			
Air sound insulation EN 13986		R = 13 x lg(mA) + 14 (mA = board surface weight kg/m ²)			
PCP content EN 13986	[ppm]	<5			

*1 On delivery

*2 Formaldehyde content:

According to the "Regulation on the Prohibition of Chemicals (ChemVerbotsV)" annex to § 1, clause 3 from 14th October, 1993 in connection with the publication of the BGA in the federal health sheet 10/91 (s. 487-489) about "testing method for particleboard", uncoated particleboard must not exceed a perforator limit value EN 120 (photometrical - EN 120) of 8 mg HCHO/100g over-dry board at moisture content of 6.5 %. The flexible half-years mean value is max. 6,5 mg HCHO/100g over-dry board.

Signed for and on behalf of the manufacturer by:



Manfred Riepertinger
PM Environment & Core Products

St. Johann in Tirol 17.07.2013

Provisional note:

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