



Declaration of Performance

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

DOP No.: DOP183

1. Type:

Particle board Type: P2

2. Recipe no.:

Rec. 183

3. Intended use:

Boards for interior fitments (including furniture) for use in dry conditions

4. Trade name

EUROSPAN® E1 EPF-S CARB2 RF P2

5. Manufacturer:

EGGER Panneaux & Décors
Usine de Rion des Landes
Avenue d'Albret – BP 1
40371 Rion des Landes Cedex 01
France

SC EGGER România SRL
Str. Austriei 2
PO Box 38
725400 Radauti, jud. Suceava
Romania

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

System 4

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]	6 -13	13 - 20	20 - 25	25 - 32	32 - 40	
Density	[kg/m³]	Plant specific					
Internal Bond strength EN 319	[N/mm²]	0.40	0.35	0.30	0.25	0.20	
Bending strength EN 310	[N/mm²]	11.0	11.0	10.5	9.5	8.5	
Modulus of elasticity EN 310	[N/mm²]	1,800	1,600	1,500	1,350	1,200	
Surface soundness EN 311	[N/mm²]	0.8					
Moisture content *1 EN 322	[%]	5-7					
Formaldehyde content *2 EN 120	[mg/100g]	E1 EPF-S					
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							
Board thickness > 9 mm and density ≥ 600 kg/m³ in line with EN13986		D-s2, d0 DFI- s1					
Water vapour diffusion resistance value EN13986							
		μ moist			μ dry		
Mean density 600 kg/m³		15			50		
Mean density 900 kg/m³		20			50		
Thermal conductivity EN 13986							
Mean density 600 kg/m³		0.12					
Mean density 900 kg/m³	[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 20%/65% relative humidity)					
Air sound insulation EN 13986		R = 13 x lg(mA) + 14 (mA = board surface weight kg/m²)					
PCP content EN 13986	[ppm]	<5					

*1 On delivery

*2 Formaldehyde content:

2:1 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.

2:2 According to the EPF (European Panel Federation) uncoated particleboard with reduced formaldehyde release must not exceed perforator limit value (photometrical - EN 120) of 4 mg HCHO/100g over-dry board at moisture content of 6,5 %.

2:3 According to the California Air Resources Board (CARB) regulation CCR-17-93120.2(a) - Phase 2.

2:4 According to 2:2 and 2:3 the raw particleboard corresponds to the IKEA formaldehyde specification IOS MAT 0003, version AA-10899-9.

2:5 Coated particleboard with reduced formaldehyde release – perforator limit value (photometrical - EN 120) of 5,0 mg/100g over-dry board at moisture content of 6,5 %.

Signed for and on behalf of the manufacturer by:

Manfred Riepertinger
PM Environment & Core Products

St. Johann in Tirol 22.07.2013

Provisional note:

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