



## Declaration of Performance

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

**DOP No.: DOP181**

**1. Type:**

Particle board Type: P2

**2. Recipe no.:**

**Rec. 181**

**3. Intended use:**

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

**4. Trade name**

**EUROSPAN® E1 EPF-S CARB2 P2**

**5. Manufacturer:**

**FRITZ EGGER GmbH & Co. OG**  
 Holzwerkstoffe  
 Weiberndorf 20  
 6380 St. Johann i. Tirol  
 Austria

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

**FRITZ EGGER GmbH & Co. OG**  
 Holzwerkstoffe  
 Tiroler Straße 16  
 3105 Unterradlberg  
 Austria

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

**EGGER Panneaux & Décors**  
 Usine de Rambervillers  
 ZI Blanchifontaine  
 88700 Rambervillers  
 France

**EGGER (UK) Limited**  
 Anick Grange Road  
 Hexham, Northumberland  
 NE46 4JS  
 United Kingdom

**EGGER Holzwerkstoffe Brilon**  
 GmbH & CO. KG  
 Im Kissen 19  
 59929 Brilon  
 Germany

**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

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 System 4 and issued the certificate of conformity of the factory production control:

**0765-CPD-108** Manufacturer: Brilon  
**0765-CPD-115** Manufacturer: Hexham  
**0765-CPD-112** Manufacturer: Radauti  
**0765-CPD-106** Manufacturer: Rambervillers  
**0765-CPD-102** Manufacturer: St.Johann  
**0765-CPD-101** Manufacturer: Unterradlberg

**9. Declared Performance:**

Mechanical properties	Unit	Board thickness					
	[mm]	6 -13	13 - 20	20 - 25	25 - 32	32 - 40	
Density	[kg/m <sup>3</sup> ]	Plant specific					
Internal Bond strength EN 319	[N/mm <sup>2</sup> ]	0.40	0.35	0.30	0.25	0.20	
Bending strength EN 310	[N/mm <sup>2</sup> ]	11.0	11.0	10.5	9.5	8.5	
Modulus of elasticity EN 310	[N/mm <sup>2</sup> ]	1,800	1,600	1,500	1,350	1,200	
Surface soundness EN 311	[N/mm <sup>2</sup> ]	0.8					
Moisture content *1 EN 322	[%]	5-7					
Formaldehyde content *2 EN 120	[mg/100g]	E1 EPF-S					
<b>General Tolerances</b>							
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					
<b>Building physical properties</b>							
<b>Fire behaviour category</b>							
Board thickness > 9 mm and density ≥ 600 kg/m <sup>3</sup> in line with EN13986		D-s2, d0 DFI- s1					
<b>Water vapour diffusion resistance value EN13986</b>							
		μ moist			μ dry		
Mean density 600 kg/m <sup>3</sup>		15			50		
Mean density 900 kg/m <sup>3</sup>		20			50		
<b>Thermal conductivity EN 13986</b>							
Mean density 600 kg/m <sup>3</sup>	[W/(m <sup>2</sup> K)]	0.12					
Mean density 900 kg/m <sup>3</sup>		0.18					
<b>Sound absorption EN 13986</b>							
Frequency range							
250 Hz to 500 Hz		0.10					
1000 Hz to 2000 Hz		0.25					
<b>Biological durability EN 13986</b>							
EN 335-3		Hazard category 1 (no earth contact , dry 20o/65% relative humidity)					
<b>Air sound insulation EN 13986</b>							
		R =13 x lg(mA) + 14 (mA = board surface weight kg/m <sup>2</sup> )					
<b>PCP content EN 13986</b>							
	[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 27.06.2013

Provisional note:

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