

Technical Data Sheet

Eurospan E1 P5 CE EAC (Rec.:225)

Board type P5 according to EN 312

Mechanical properties board mean values	Unit	Board thicknesses				
	[mm]	8 - 13	> 13 - 20	> 20 -25	> 25 - 32	> 32 -40
Density EN 323	[kg/m ³]	specific to plant				
Internal bond EN 319	[N/mm ²]	0,45	0,45	0,4	0,35	0,3
Bending strength EN 310	[N/mm ²]	18	16	14	12	10
Bending modulus of elasticity EN 310	[N/mm ²]	2550	2400	2150	1900	1700
Surface soundness EN 311	[N/mm ²]	0,95				
Swelling in thickness, 24h EN 317	[%]	11	10	10	10	9
Internal Bond after boil test EN 1087-1	[N/mm ²]	0,12	0,14	0,20	0,11	0,10
Board moisture* EN 322	[%]	4 - 13				
Formaldehyde emission class(es)**		E1				

General tolerances	Unit	Board thicknesses				
	[mm]	8 - 13	> 13 - 20	> 20 -25	> 25 - 32	> 32 -40
Length and width tolerance EN 324-1	[mm]	± 5				
Thickness tolerance EN 324-1	[mm]	± 0,3				
Edge straightness tolerance EN 324-2	[mm/m]	1,5				
Squareness EN 324-2	[mm/m]	2				
Tolerance on the mean density EN 323	[%]	± 10				

Building physical properties in line with EN 13986	Unit	Board thicknesses				
		8 - 13	> 13 - 20	> 20 - 25	> 25 - 32	> 32 - 40
Reaction to fire		according table 8 EN 13986				
Water vapour permeability EN 12524						
wet	[μ]	15				
dry	[μ]	50				
Based on mean bulk density of 600kg/m ³						
Airborne sound insulation EN 140-3		R = 13 x lg(mA) + 14 (mA = board weight per unit area kg/m ²)				
Sound absorption EN 354						
Frequency range 250 Hz to 500 Hz	[α]	0,10				
Frequency range 1000 Hz to 2000 Hz		0,25				
Thermal conductivity EN 12664						
Based on mean bulk density of 600kg/m ³	[W/(m*K)]	0,12				
Biological durability EN 335	[Hazard class]	1				
Content of PCP	[ppm]	< 5				

*On delivery

**The product complies with the following emission class(es):

These wood based panels are

- If the name contains "E1": compliant with class E1 according EN 13986
- If the name contains "E1E05": additional compliant with German ChemVerbotsVO.
- If the name contains "CE": in accordance with regulation (EU) No 305/2011 (CE) and as it has effect in the United Kingdom in respect of Great Britain(UKCA), under the sole responsibility of the manufacturer identified above. DOP available on www.egger.com
- If the name contains "TSCA": compliant with CARB regulation CCR-17-93120.2(a) Phase 2, US EPA TSCA TITLE VI certified / certifié conformément au titre VI de la TSCA
- If the name contains "F*****": compliant with the Japanese standard JIS A 5905.

Risk group EAC: (EGGER Audit Controlled) complies with Controlled Wood (see FSC STD – 40-005) and all applicable legal Timber regulations. Certification statement (claim) on the sales documents is only on customer's request and according to availability.

Provisional note

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