

TECHNICAL DATA SHEET

EUROSPAN® JP F0.3 (F****) P2

Recipe: 118

Application: Base particle board for interior fitments (including furniture) for use in dry conditions with reduced formaldehyde release according to Japanese standard JIS A 5908:2003.

Plant: Radauti , St. Johann



Board type in line with EN 312-2

Mechanical properties Board mean values	Unit	Board thickness		
	[mm]	>6-13	>13-20	>20-25
Density	[kg/m³]	Plant specific		
Internal Bond strength EN 319	[N/mm²]	0.4	0.35	0.30
Bending strength EN 310	[N/mm²]	11	11	10,5
Modulus of elasticity EN 310	[N/mm²]	1800	1600	1500
Surface soundness EN 311	[N/mm²]	0.8		
Moisture content *1 EN 322	[%]	5-7		
Formaldehyde content *2	[class]	F****		

General Tolerances	Unit	Board thickness		
	[mm]	6-13	>13-20	>20-25
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]	±0.3		
Tolerance on the mean density within a board EN 323	[%]	±10		

Building physical properties	Unit	Board thickness		
	[mm]	6-13	>13-20	>20-25
Fire behaviour category				
Board thickness ≥ 9 mm and density ≥ 600 kg/m ³ in line with EN13986		D-s2, d0		
Board thickness < 9 mm in line with EN 13986		E		
Water vapour diffusion resistance value				
		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	W/(m*K)	0.12		
Mean density 900 kg/m ³		0.18		
Air sound insulation EN 13986				
EN 13986		$R = 13 \times \lg(m_A) + 14$ (m _A = board surface weight kg/m ²)		
Sound absorption EN 13986				
Frequency range		0.10		
250 Hz to 500 Hz		0.25		
1000 Hz to 2000 Hz				
Biological durability EN 13986				
EN 335-3		Hazard category 1 (no earth contact , dry 20%/65% relative humidity)		
PCP content EN 13986				
EN 13986	[ppm]	< 5		

*1 On delivery

*2 Formaldehyde content:

EGGER particleboard EUROSPAN® JP F 0.3 (F****) achieves the formaldehyde class F**** according to the Japanese standard JIS A 5908:2003. The limit value is 0,3 mg/L according to Japanese test method JIS A 1460 (Desiccator). Additionally EGGER particleboard EUROSPAN® JP F 0.3 (F****) reaches limit value 3.0 mg/100 over-dry board at moisture content of 6.5 %, according to the European test Method EN 120 (Perforator).

Provisional note:

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