

TECHNICAL DATA SHEET



EGGER Thin chipboard JP F0,3 (F****)

Recipe: 176

Application: Base particle board with reduced formaldehyde release according to Japanese standard F**** (JIS A5908) for internal door blanks.

Board type in line with EN 312-2

Mechanical properties Board mean values	Unit	Board thickness		
	[mm]	2.8 – 4.0	> 4.0 – 6.0	> 6.0 – 8.0
Density	[kg/m ³]	Plant specific		
Internal Bond strength EN 319	[N/mm ²]	≥ 0.6		
Bending strength EN 310	[N/mm ²]	≥ 15		
Modulus of elasticity EN 310	[N/mm ²]	≥ 2000		
Moisture content *1 EN 322	[%]	5-9		
Formaldehyde content *2	[class]	F****		

General Tolerances	Unit	Board thickness		
	[mm]	2.8 – 4.0	> 4.0 – 6.0	> 6.0 – 8.0
Length and width tolerance EN 324	[mm]	± 2.0		
Squareness EN 324	[mm/m]	± 1.5		
Edge straightness tolerance EN 324	[mm/m]	≤ 1.5		
Thickness tolerance EN 324 <small>sanded boards unsanded boards one-sided sanded boards</small>	[mm]	± 0.10 ± 0.20 ± 0.15		
Tolerance on the mean density within a board EN 323	[%]	± 10.0		

Building physical properties	Unit	Board thickness		
		2.8 – 4.0	> 4.0 – 6.0	> 6.0 – 8.0
Fire behaviour category				
in line with EN13986		E		
Water vapour diffusion resistance value				
Mean density 600 kg/m ³		μ moist	μ dry	
Mean density 900 kg/m ³		15	50	
		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				
250 Hz to 500 Hz		0.10		
1000 Hz to 2000 Hz		0.25		
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 Thin chipboard JP-F 0,3 (F****) achieves the formaldehyde class F**** according to the Japanese standard JIS A 5908. The limit value is 0,3mg/L according to Japanese test method JIS A1460 (Desiccator). Additionally EGGER Thin chipboard JP-F 0,3 (F****) reaches limit value 3,0 mg/100g over-dry board at moisture content of 6,5%, according to the European test method EN120 (Perforator)

Provisional note:

This technical data sheet has been carefully drawn up to the best of our knowledge. We accept no liability for any mistakes, errors in standards or printing errors. In addition, technical modifications can result from the continuous further development, as well as from changes in standards and documents originating from statutory bodies. The contents of this technical leaflet should therefore not be considered as instructions for use or as legally binding.