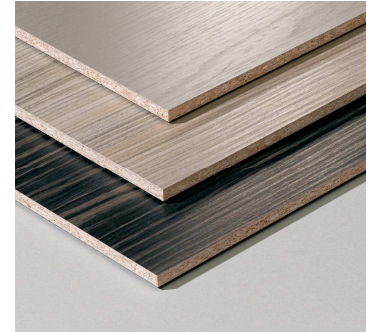


# TECHNICAL DATA SHEET

## EURODEKOR® JP F 0,3 (F\*\*\*\*) MR

Recipe: 148

Application: Decorative particle board with reduced formaldehyde release based on Japanese standard JIS A 5908:2003 Type 13 M and CNS 2215 O1012:2006 class DO 13 M F1



Plant: Radauti

Note: The mechanical properties are mean values from 10 tests.

Mechanical properties Board mean values	Unit	Board thickness
		Value*3
Board thickness	[mm]	8 - 25
Density	[kg/m <sup>3</sup> ]	Plant specific
Internal Bond strength EN 319	[N/mm <sup>2</sup> ]	≥ 0,2
Bending strength transverse EN 310	[N/mm <sup>2</sup> ]	≥ 13
Modulus of elasticity EN 310	[N/mm <sup>2</sup> ]	≥ 2500
Swelling in thickness 24h EN 317	[%]	< 12
Moisture content *1 EN 322	[%]	5-13
Formaldehyde content *2	[class]	F**** (0,3 mg/L)

General Tolerances	Unit	Board thickness
	[mm]	8-25
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]	8-25
<b>Fire behaviour category</b>		
Board thickness ≥ 9 mm and density ≥ 600 kg/m <sup>3</sup> in line with EN 13986; Board thickness < 9 mm in line with EN 13986		D-s2, d0 E
<b>Water vapour diffusion resistance value</b>		
Mean density 600 kg/m <sup>3</sup> Mean density 900 kg/m <sup>3</sup>		μ moist 15 20
		μ dry 50 50
<b>Thermal conductivity EN 13986</b>		
Mean density 600 kg/m <sup>3</sup> Mean density 900 kg/m <sup>3</sup>	W/(m*K)	0,12 0,18
<b>Air sound insulation EN 13986</b>		
EN 13986		$R = 13 \times \lg(m_A) + 14$ ( $m_A$ = board surface weight kg/m <sup>2</sup> )
<b>Sound absorption EN 13986</b>		
Frequency range 250 Hz to 500 Hz 1000 Hz to 2000 Hz		0,10 0,25
<b>Biological durability EN 13986</b>		
EN 335-3		Hazard category 1 (no earth contact , dry 20°/65% relative humidity)
<b>PCP content EN 13986</b>		
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).

\*3 Board mean values from 10 tests

**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.