

P2_F4 STARS

Low formaldehyde emission



/ DATA SHEET

Panel for internal use as a non-structural component in a dry environment (P2) made with resins with a low formaldehyde content
Panel compliant with the Japanese JIS standard relating to formaldehyde emission

100% recycled product, certified FSC® and PEFC

Dimensions / WIDTH 186 - 207 - 220 cm / THICKNESS da 8 a 38 mm °

Formaldehyde Emissions*					
CLASS	RULE	METHODOLOGY	LIMIT VALUE	COMPARED TEST	LIMIT VALUE
F4 STARS	JIS A 1460	ESSICATOR	≤ 0,3 mg/l		

				8-13 mm	> 13-20 mm	> 20-25 mm	> 25-32 mm	> 32-38 mm
Density	EN 323		Kg/m ³	710±5%	680±5%	660±5%	640±5%	630±5%
Tensile strength perpendicular to the face	EN 319	EN 312	N/mm ²	0,4	0,35	0,3	0,25	0,2
Surface soundness	EN 311	EN 312	N/mm ²	0,8	0,8	0,8	0,8	0,8
Bending strength	EN 310	EN 312	N/mm ²	11	11	10,5	9,5	8,5
Modulus of elasticity in bending	EN 310	EN 312	N/mm ²	1800	1600	1500	1350	1200
Axial withdrawal of screws from the face	EN 320		N	700	700	700	700	700
Axial withdrawal of screws from the edge	EN 320		N		400	400	400	400
Swelling in thickness after 2 hours	EN 317		% max	16	16	16	16	16

General Requirements				
TRIAL NAME	METHODOLOGICAL RULES	PERFORMANCE RULES	MEASURE UNITS	VALUE OF THE PANEL
Smoothed thickness	EN 324/1	EN 312	mm	± 0,3
Dimension tolerance	EN 324/1	EN 312	mm	± 5
Squaring up tolerance	EN 324/2	EN 312	mm	1,5 mm x meter
Moisture content	EN 322	EN 312	%	9 ± 4
Calorific value			Kcal/Kg	4000 - 4300
Reaction to fire	UNI 9176	UNI 8457 UNI 9174		Class 3
Reaction to fire	UNI 13501-1			Ds2d0-Dfls1

* The values indicated in the sheet refer to internal laboratory tests

° For other sizes and formats, consult the sales office

Certified Management System



Sustainability certifications

