

P3_F4 STARS

Water resistant with low formaldehyde emission



/ DATA SHEET

Non load-bearing panel for use in a humid environment (type P3) 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		

Mechanical characteristics*									
TRIAL NAME	METHODOLOGICAL RULES	PERFORMANCE RULES	MEASURE UNITS	8-13 mm	> 13-20 mm	> 20-25 mm	> 25-32 mm	> 32 mm	
Density	EN 323		Kg/m ³	730±5%	690±5%	670±5%	660±5%	650±5%	
Tensile strength perpendicular to the face	EN 319	EN 312	N/mm ²	0,45	0,45	0,4	0,35	0,3	
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	15	14	12	11	9	
Modulus of elasticity in bending	EN 310	EN 312	N/mm ²	2050	1950	1850	1700	1550	
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 24 hours	EN 317	EN 312	% max	17	14	13	13	12	

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 - 4200
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

Certified Management System



Sustainability certifications

