

P3_REP

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, American standard US EPA TSCA Title VI and conforms to the Californian standard CARB P2 relating to formaldehyde emission.

100% recycled product, certified FSC® and PEFC

Dimensions / WIDTH 186 - 207 - 220 cm / THICKNESS da 15 a 25 mm

Formaldehyde Emissions*					
CLASS	RULE	METHODOLOGY	LIMIT VALUE	COMPARED TEST	LIMIT VALUE
F4 STARS	JIS A1460	ESSICATOR	≤ 0,3 mg/l		
CARB P2	ATCM	ASTM E1333 D6007	≤ 0,09 ppm	EN ISO 12460-5	≤ 2,9 mg HCHO/100 gr dry

Mechanical characteristics*					
TRIAL NAME	METHODOLOGICAL RULES	PERFORMANCE RULES	MEASURE UNITS	> 15-20 mm	> 20-25 mm
Density	EN 323		Kg/m ³	690±5%	670±5%
Tensile strength perpendicular to the face	EN 319	EN 312	N/mm ²	0,45	0,4
Surface soundness	EN 311	EN 312	N/mm ²	0,8	0,8
Bending strength	EN 310	EN 312	N/mm ²	14	12
Modulus of elasticity in bending	EN 310	EN 312	N/mm ²	1950	1850
Axial withdrawal of screws from the face	EN 320		N	700	700
Axial withdrawal of screws from the edge	EN 320		N	400	400
Swelling in thickness after 24 hours	EN 317		% max.	14	13

General Requirements				
	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
Caloric value			Kcal/Kg	4000 - 4200
Reaction to fire	UNI 9176	UNI 8457 UNI 9174		Class 3
Reaction to fire	UNI 13501-1			Ds2d0-Df1d

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

Certified Management System



Sustainability certifications

