

P2_CARB NO FIRE CE

Fire resistant with low formaldehyde emission



/ DATA SHEET

Panel for internal use as a non-structural component in a dry environment, resistant to fire
Panel with CE marking, compliant with the construction products regulation (CPR)

Panel conforms to the American standard US EPA TSCA Title VI and conforms to the Californian standard CARB P2

Panel conforms to the Rule 89/106/CEE, through the harmonized standard EN 13986:2004

Certificate of conformity panel N. CPD/0497/884/06 issued by the Institute CSI in Bollate (MI) with System 1 procedure

100% recycled product, certified FSC® and PEFC

Dimensions / WIDTH 207 cm / THICKNESS da 10 a 38 mm °

Formaldehyde Emissions*					
CLASS	RULE	METHODOLOGY	LIMIT VALUE	COMPARED TEST	LIMIT VALUE
CARB P2	EN 13986	EN 717-1	≤ 0,09 ppm	EN ISO 12460-5	≤ 3 mg HCHO/100 gr dry

Mechanical characteristics*									
TRIAL NAME	METHODOLOGICAL RULES	PERFORMANCE RULES	MEASURE UNITS	10-13 mm	> 13-20 mm	> 20-25 mm	> 25-32 mm	> 32 mm	
Density	EN 323		Kg/m ³	770±5%	730±5%	700±5%	700±5%	680±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	EN 312	% 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 - 4200
Reaction to fire	EN 13501/1			Bs2d0-Bfls1

* 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

