

P3_E1

Water resistant



/ DATA SHEET

The waterproof particleboard (P3) is a non-load-bearing panel for use in a humid environment (type P3)

100% recycled product, certified FSC® and PEFC

Dimensions / WIDTH 186 - 207 - 220 cm / THICKNESS from 8 to 50 mm

Formaldehyde Emissions*					
CLASS	RULE	METHODOLOGY	LIMIT VALUE	COMPARED TEST	LIMIT VALUE
E1	EN 13986	EN 717-1	≤ 0,1 ppm	EN ISO 12460-5	≤ 8 mg HCHO/100 gr dry

Mechanical characteristics*										
TRIAL NAME	METHODOLOGICAL RULES	PERFORMANCE RULES	MEASURE UNITS	8-13 mm	> 13-20 mm	> 20-25 mm	> 25-32 mm	> 32-40 mm	> 40 mm	
Density	EN 323		Kg/m ³	730±5%	690±5%	670±5%	660±5%	650±5%	640±5%	
Tensile strength perpendicular to the face	EN 319	EN 312	N/mm ²	0,45	0,45	0,4	0,35	0,3	0,25	
Surface soundness	EN 311	EN 312	N/mm ²	0,8	0,8	0,8	0,8	0,8	0,8	
Bending strength	EN 310	EN 312	N/mm ²	15	14	12	11	9	7,5	
Modulus of elasticity in bending	EN 310	EN 312	N/mm ²	2050	1950	1850	1700	1550	1350	
Axial withdrawal of screws from the face	EN 320		N	700	700	700	700	700	700	
Axial withdrawal of screws from the edge	EN 320		N		400	400	400	400	400	
Swelling in thickness after 24 hours	EN 317	EN 312	% max	17	14	13	13	12	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



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