

# P2\_CARB P2

## low formaldehyde emission

### \ TECHNICAL SHEET

Panel consisting of wood particles of different grain size pressed with resins with reduced formaldehyde content.

It complies with the US EPA TSCA Title VI American standard and the CARB P2 Californian standard.

Dimensions \ WIDTH 186 - 207- 220 cm \ THICKNESS from 8 to 50 mm  
For any special size request please contact our sales office.

Formaldehyde Emissions					
CLASS	NORM	METHOD	LIMIT VALUE	COMPARED TEST	LIMIT VALUE
CARB P2	ATCM	ASTM E1333 D 6007	< 0,09 ppm	EN ISO 12460-5	< 3 mg HCHO/100 gr dried

Mechanics characteristics of P2 Raw Chipboard									
TECHNICAL CHARACTERISTICS	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 <sup>3</sup>	710 ± 5%	680 ± 5%	660 ± 5%	640 ± 5%	630 ± 5%	620 ± 5%
Tensile strength perpendicular to the face	EN 319	EN 312	N/mm <sup>2</sup>	0,4	0,35	0,3	0,25	0,2	0,2
Surface soundness	EN 311	EN 312	N/mm <sup>2</sup>	0,8	0,8	0,8	0,8	0,8	0,8
Bending strength	EN 310	EN 312	N/mm <sup>2</sup>	13	13	11,5	10	8,5	7,0
Modulus of elasticity in bending	EN 310	EN 312	N/mm <sup>2</sup>	1800	1600	1500	1350	1200	1050
Axial withdrawal of screws from the face	EN 320		N		700 ± 10%	700 ± 10%	700 ± 10%	700 ± 10%	700 ± 10%
Axial withdrawal of screws from the edge	EN 320		N		400 ± 10%	400 ± 10%	400 ± 10%	400 ± 10%	400 ± 10%
Swelling in thickness after 2 hours	EN 317		% max	16	16	16	16	16	16

General Requirements for P2 Raw Chipboard				
TECHNICAL CHARACTERISTICS	METHODOLOGICAL RULES	PERFORMANCE RULES	MEASURE UNITS	TOLLERANCES
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 metro
Moisture content	EN 322	EN 312	%	9 ± 4
Heat of combustion			Kcal/Kg	4000 - 4300
Reaction to the fire	UNI 9176	UNI 8457 UNI 9174		Classe 3

The values shown in the schedule are by tests of internal laboratory.

#### Certified Management System

