

## \ TECHNICAL SHEET

NOFIRE is made by wood particles of different grain size pressed with resins with reduced formaldehyde content and fireproof products without asbestos.

It is particularly suitable for public spaces, offices, showrooms, stands, restaurants, and when regulations require the use of fireproof materials.

This panel is available in E1 and CARB P2 formaldehyde categories.

Dimensions \ WIDTH 207 cm \ THICKNESS from 10 to 38 mm  
For any special size request please contact our sales office.

Formaldehyde Emissions					
CLASSE	NORM	METHOD	LIMIT VALUE	COMPARED TEST	LIMIT VALUE
E1	D.M. 10/10/08	EN 717-1	< 0,1 ppm	EN ISO 12460-5	< 8 mg HCHO/100 gr dried
CARB P2	ATCM	ASTM E1333 D 6007	< 0,09 ppm	EN ISO 12460-5	< 3 mg HCHO/100 gr dried

Mechanics Characteristics of Fire Resistant Chipboard NOFIRE CE							
TECHNICAL CHARACTERISTICS	NORME METODOLOGICHE	NORME PRESTAZIONALI	UNITÀ DI MISURA	8-13 mm	> 13-20 mm	> 20-25 mm	> 25-38 mm
Density	EN 323		Kg/m <sup>3</sup>	770 ± 5%	730 ± 5%	700 ± 5%	700 ± 5%
Tensile strength perpendicular to the face	EN 319	EN 312	N/mm <sup>2</sup>	0,4	0,35	0,3	0,25
Surface soundness	EN 311	EN 312	N/mm <sup>2</sup>	0,8	0,8	0,8	0,8
Bending strength	EN 310	EN 312	N/mm <sup>2</sup>	13	13	11,5	10
Modulus of elasticity in bending	EN 310	EN 312	N/mm <sup>2</sup>	1800	1600	1500	1350
Axial withdrawal of screws from the face	EN 320		N		700 ± 10%	700 ± 10%	700 ± 10%
Axial withdrawal of screws from the edge	EN 320		N		400 ± 10%	400 ± 10%	400 ± 10%
Swelling in thickness after 2 hours	EN 317		% max	16	16	16	16

General Requirements for Raw Chipboard NOFIRE CE				
TECHNICAL CHARACTERISTICS	METHODOLOGICAL RULES	PERFORMANCE RULES	MEASURE UNITS	TOLERANCES
Smoothed thickness	EN 324/1	EN 312	mm	± 0,3
Dimension tolerance	EN 324/1	EN 312	mm	± 5
Squaring up (orthogonality)	EN 324/2	EN 312	mm	1,5 mm x metro
Humidity content tolerance	EN 322	EN 312	%	9 ± 4
Calorific power			Kcal/Kg	4000 - 4200
Reaction to the fire	EN 13823			B s2 d0 - Bfl s1

NOFIRE is certificate in accordance with the directive 89/106/CEE - EN 13989:2004  
Certificate of conformity N. CPD/0497/884/06. Issued by the institute CSI Bollate with procedure of the System 1.

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

### Certified Management System

