

## Laudio-Car

MEDIUM MECHANICAL CHARACTERISTICS NONSKID SURFACE  
TECHNICAL PLYWOOD

### DESCRIPTION

It is a technical plywood designed for industrial applications. Its high resistance to the superficial abrasion makes the plywood very suitable where medium loads are required.

In their composition and production, CONIFEROUS woods are used. In all cases, specific designs and compositions of phenolic resins are used in the gluing process.

The superficial finish is NONSKID and it is obtained by means of special phenolic resins that have been pressed and polymerized while they are hot. It has a 240 grs/m<sup>2</sup> film on the surface, and 120 grs/m<sup>2</sup> at the bottom. Different film thickness possibilities under request.

### APPLICATIONS

Their mechanical characteristics and resistance to the abrasion, make LAUDIO-CAR a very appropriate product in technical and industrial specific applications such as:

- Scaffoldings.
- Industrial floors.
- Other applications.

Their maintenance is simple, and it is of easy and fast cleaning.

# MECHANICAL AND PHYSICAL CHARACTERISTICS

Measures (mm)	2500*1250/1530 / 3000*1500 (*)
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DENSITY (kg/m³) +-5%	575													
THICKNESS	12 mm		15 mm		18 mm		21 mm		24 mm		27 mm		30 mm	
RESISTANCE PROPERTIES (KG/CM²) (CHARACTERISTICS STRENGTH)	//	⊥	//	⊥	//	⊥	//	⊥	//	⊥	//	⊥	//	⊥
TENSION	235	155	220	160	200	170	200	170	200	160	195	175	190	175
SHEAR	30	30	30	30	30	30	30	30	30	30	30	30	30	30

	12 mm		15 mm		18 mm		21 mm		24 mm		27 mm		30 mm	
STIFFNESS E MODUL (N/MM²)	//	⊥	//	⊥	//	⊥	//	⊥	//	⊥	//	⊥	//	⊥
FLEXIÓN	7700	3800	7300	4200	6800	4700	6600	4900	6700	4700	6400	5100	6300	5200

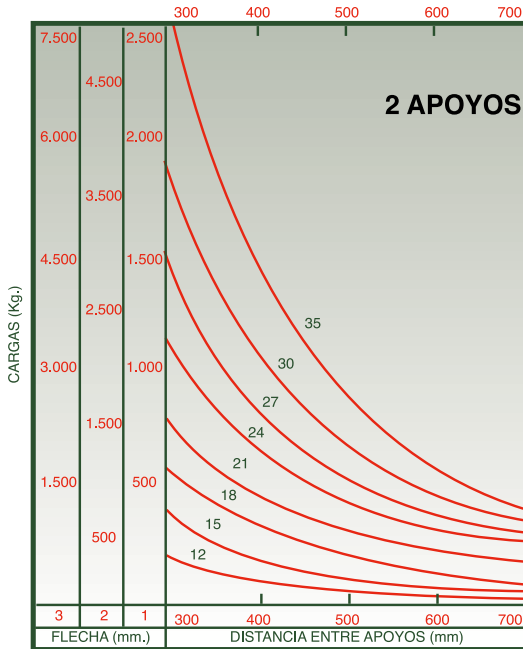
Dimensional Tolerance according to EN 315	length/ width: +-3,5mm													
	squareness: 1mm/m													
	Tolerance of the nominal thickness (t): Máxima: =+(0,8+0,03.t) Mínima: =+(0,4+0,03.t)													

Fire behavihour	D-s2, d0 according to the standard EN 13501-1
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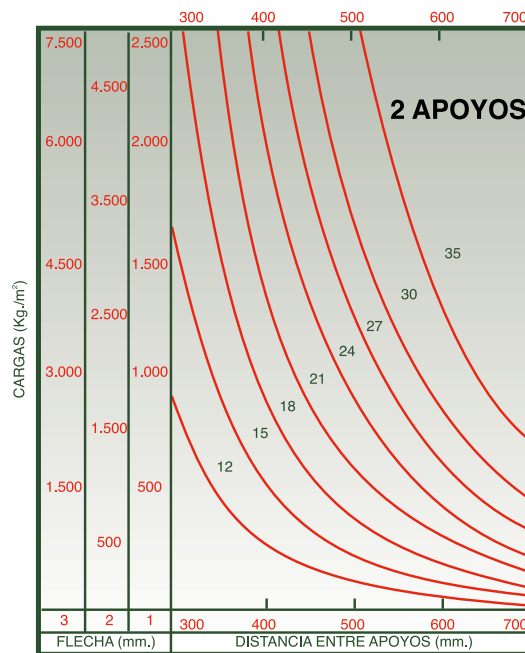
Formaldehído emission	E-1 According to EN 717-2
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\* Other sizes, thicknesses, cut to size or CNC works under request.

## LOADING DIAGRAM:



CARGAS "PUNTALES CENTRALES"  
(Aplicada en superficie de 100x90)



CARGAS "REPARTIDAS"

### REMARKS:

- Multiply by 1.25 in case of 3 or more supports.
- This loadings has been calculated with the supports perpendicular to the direction of the grain.

The producer reserve the right to modify the desing of the products according to the necessities.



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