



HIGH RESISTANCE 10

ANTI-HUMIDITY 8

PROFITABILITY 10

CERTIFIED 10



# LAUDIO FORM

## FILM-COATED TECHNICAL VENEER PLYWOOD FOR SHUTTERING

Technical veneer plywood designed for industrial applications. Manufactured using glued, pressed and hot-polymerised conifer plywood (European Radiata Pine) with a resin-based phenolic paper film coating on both sides. The finish is smooth on both sides, dark brown, with a standard weight of 170 g/m<sup>2</sup>. The edges are protected with water-resistant paint.

**Make to keep**



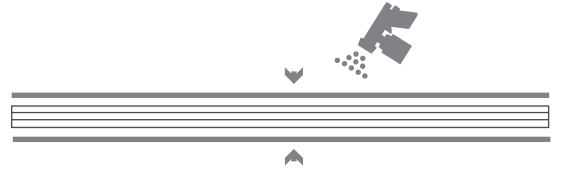
S-P-00531 EPD®  
environdec.com



# LAUDIO FORM

## PRODUCT SPECIFICATIONS

Veneer plywood made of European Radiata Pine with phenolic paper coating on both sides and edges sealed with anti-humidity paint. Exterior PF gluing (phenol formaldehyde).



## PRODUCT CERTIFICATES

The product is guaranteed by current standard-compliant certificates in terms of quality and structure. Environment-friendly product, easy and quick to clean.



## USES AND APPLICATIONS

Vertical and horizontal concrete shuttering with average-quality surface finishes. The number of uses (5-10 for standard coating) depends on film weight and required finish quality, as well as the conditions under which it is used at the site, during storage and the quality of the release agents used, among other factors.



## FINISHES

The phenolic paper coating improves resistance to abrasion and reduces water penetration. Dark brown paper with a standard weight of 170 g/m<sup>2</sup> and a smooth finish on both sides. To order, this product can be customised, changing colour and combinations with different sheets.



## PHYSICAL AND MECHANICAL SPECIFICATIONS OF STANDARD PRODUCTS

DIMENSIONS (m)	2,44 X 1,22 / 2,50 X 1,25 / 2,50 X 1,53 / 3,00 X 1,50 (*)													
DENSITY (+/-5%)	550 Kg/m <sup>3</sup>													
THICKNESS (mm)	9		12		15		18		21		24		30	
GRAIN DIRECTION FLEXURAL	//	—	//	—	//	—	//	—	//	—	//	—	//	—
STRENGTH (N/mm <sup>2</sup> )	26,8	11,7	22,2	10,1	22,9	11,8	22,6	18,9	17,7	13,9	20,0	18,2	19,8	17,1
MODULUS OF ELASTICITY IN BENDING (N/mm <sup>2</sup> )	8.819	3.444	7.881	2.316	7.827	3.609	8.331	5.885	6.110	4.414	6.699	5.204	6.504	5.050
TYPICAL VALUES FOR FLEXURAL STRENGTH AND AVERAGE VALUES FOR MODULUS OF ELASTICITY ACCORDING TO UNE EN 789-1058 STANDARD														
DIMENSIONAL TOL. According to UNE EN315	LENGTH-WIDTH: UP TO +/-3,5 mm													
	SQUARE: 1mm/m													
UNE EN 315 THICKNESS TOLERANCE RANGE (mm)	8,32±9,47		11,24±12,56		14,15±15,65		17,06±18,74		19,97±21,83		22,88±24,92		28,7±31,1	
MADERAS DE LLODIO THICKNESS TOLERANCE	+/-0,2 mm													
THE VALUES GIVEN IN THIS TABLE CORRESPOND TO PRELIMINARY PREPARATION OF THE BOARD AT 12% HUMIDITY														

Maderas de Llodio reserves the right to modify the design of its products

(\*) Maderas de Llodio S.A. manufactures boards of other sizes to order. Please contact our commercial technicians.

Gluing quality: Class III exterior according to UNE EN 314-2

Intended use: Outdoor construction work as a structural element. EN 636-3 S

Formaldehyde emission: E1 according to UNE 717-2

Recommendations on handling, use and storage: see guide to good practice at [www.maderasdelldio.com](http://www.maderasdelldio.com)

Values or properties not shown on this sheet must be checked with technicians at Maderas de Llodio, S.A.

## Make to keep

### MADERAS DE LLODIO S.A.

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