



Lavrásul Pine Plywood

Lavrásul pine plywood, for use in humid indoor conditions, is used in the manufacture of furniture frames.

The pine used to manufacture our plywood, provides a panel with an average density of between 510 - 550 kg/m³ making them lighter to handle than hardwood plywood and OSB and with improved flexibility.

The C+/C panel, available in both 15mm (5 and 7 ply) and 18mm (7 ply) thickness, has a good clean top face and any minor defects allowed in this grade, are repaired with putty and touch sanded for a better finish.

The reverse side of the panel has minor open defects and is not sanded. The core is laid up so there are minimum core gaps and all the veneers are bonded using phenolic glue, with a bond class 3, in accordance with EN314-2 system 4.

These combined attributes (softwood veneers, resin technology and multi-veneer construction) gives improvement in nail gun application and shear strength.

The Brazilian Pine logs used to produce the veneers for Lavrasul upholstery grade plywood are 100% FSC certified, producing a panel which is environmentally sustainable. Brazilian Pine is a non-native plantation species that was introduced to Brazil in order to avoid the harvesting of more tropical and endemic species.



15mm (5 Ply)



18mm (7 Ply)

PRODUCT DATA SHEET - UPHOLSTERY GRADE

PRODUCT	Ply	Length	Width	Nominal Thickness
PINE PLYWOOD 15mm C+/C	5 Ply	2440mm	1220mm	15mm (± 1)
PINE PLYWOOD 15mm C+/C	7 Ply	2440mm	1220mm	15mm (± 1)
PINE PLYWOOD 18mm C+/C	7 Ply	2440mm	1220mm	18mm (± 1)

PARALLEL PERFORMANCE	Static Bending Tests - Parallel Direction		
	Density (Kg / M ³)	Tension (MPa)	MOE (MPa)
PINE PLYWOOD 15mm C+/C	5 Ply	554	29.35
PINE PLYWOOD 15mm C+/C	7 Ply	509	29.71
PINE PLYWOOD 18mm C+/C	7 Ply	514	23.27
			4,788.00
			4,115.00
			3,711.23

PERPENDICULAR PERFORMANCE	Static Bending Tests - Perpendicular Direction		
	Density (Kg / M ³)	Tension (MPa)	MOE (MPa)
PINE PLYWOOD 15mm C+/C	5 Ply	554	18.04
PINE PLYWOOD 15mm C+/C	7 Ply	509	20.31
PINE PLYWOOD 18mm C+/C	7 Ply	514	19.30
			1,969.00
			2,036.00
			3,394.47

EN 13986 SYSTEM 4	EN Product Grade Reference	Minimum	Formaldehyde
		Density (Kg / M ³)	Release (Phenolic Glue)
PINE PLYWOOD 15mm C+/C	5 Ply	EN 13986 System 4	554
PINE PLYWOOD 15mm C+/C	7 Ply	EN 13986 System 4	509
PINE PLYWOOD 18mm C+/C	7 Ply	EN 13986 System 4	514
			E1
			E1
			E1



Lavrasul S/A - Compensados e Laminados
 Endereço: Rua Amazonas,
 572 - Água Verde, Curitiba - PR, 80610-030, Brazil
www.lavrasul.com.br

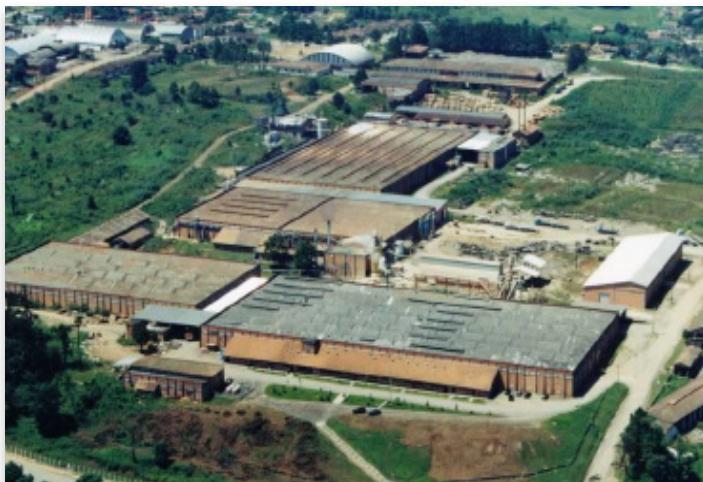


For further details please contact:
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 +44 (0)746 995 4380

Contact your Distributor



TIMBÓ GRANDE MILL



Lavrasul, located in Canoinhas and Timbó Grande, SC, was founded in 1949.

Lavrasul produce veneer core plywood, pine surfaced lumber, frames, furniture casing and doors. Our product line is based on Pine which comes from our own plantation self sustaining managed forests allowing us to offer a mix of high quality products.



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NATIONAL AND INTERNATIONAL CERTIFICATES

**CERTIFICATE OF CONFORMITY OF THE FACTORY
PRODUCTION CONTROL**

Approvals Body No. 8820

To compliance with the Construction Products (Manufacture etc.) (EU) Directive (Regulation) 2017/30 and
the Construction Products (Classification) Regulation 2022.

This certificate applies to the construction products:

Softwood plywood for structural use
covering to Appendix 8

Based on the methods and the series or trade mark of
COMPENSADOS E LAMINADOS LAYRASIL SA
and introduced to the market at the place of the issuing address
Rue São José, 870 Centro, Timóteo - Minas Gerais, Brazil - CEP 35800-000, Brazil

This certificate attests that the construction product has been assessed
and the declaration of conformity of the product was issued in Annex 1 of the standard
BS EN 13986:2004+A1:2015

under system of sampling and test

The factory production control is assessed to be conformity with the applicable requirements.

This certificate was first issued on September 10, 2023 and will remain valid as long as the harmonized standard the construction product, the UICP method and the manufacturing conditions in the plant are maintained, subjecting, where necessary, to re-evaluation by the certified body or another certification body.

UKAS
CERTIFICATION

Certificates issued
in accordance with
Date of issue: 10.09.2023
Valid until: 09.09.2026

Date of issue:
09.09.2023
Valid until:
09.09.2026

Robert Andreu-Soler
Managing Director
UKAS Certification Ltd

UKAS Certification Ltd, Innovation Gates, Station Hill, Buntingford, Hertfordshire, UK, HP9 1NA
This certificate remains the property of UKAS Certification Ltd.
The validity of the certificate may be confirmed online at www.ukascertification.com





BRAZILIAN PINE PLYWOOD



Phenolic Glue

Face Grades:

A, B, C+, C, D

Sheet Size:

2440mm x 1220mm

(Other sizes available upon request)

Thickness:

12mm to 25mm

Veneer Core Plywood by Lavrasul SA

Up-to-date Technology

Modern Machinery

Quality Control



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