



LAVRASUL PINE PLYWOOD

**Lavrasul 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	4,788.00
PINE PLYWOOD 15mm C+/C	7 Ply	509	29.71	4,115.00
PINE PLYWOOD 18mm C+/C	7 Ply	514	23.27	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	1,969.00
PINE PLYWOOD 15mm C+/C	7 Ply	509	20.31	2,036.00
PINE PLYWOOD 18mm C+/C	7 Ply	514	19.30	3,394.47

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



Lavrasul S/A - Compensados e Laminados
Endereço: Rua Amazonas,
572 - Água Verde, Curitiba - PR, 80610-030, Brazil
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For further details please contact:

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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



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Compensados e Laminados
LAVRASUL S/A



BRAZILIAN PINE PLYWOOD



• A



• B



• C+



• C

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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