

Product identification	PINE PLYWOOD EN 636-2 S					
Product Types	12mm	15mm	18mm	20mm	21mm	24mm
Intended uses	Internal use as structural components in humid conditions.					

Name and contact address of the manufacturer	Nereu Rodrigues & Cia Ltda Rod. Br. 116 - Km 222 - Área Industrial III CEP: 88535-000 - Correia Pinto - Santa Catarina – Brazil Phone: +55 49 3243 1206 or +55 49 3243 2294 Email: contato@nereurodrigues.com.br
Mill identification	Madeira Rodrigues
Harmonized standard	EN 13986:2004+A1:2015
AVCP System	2+
Notified Body	1034 / HFB Engineering GmbH, Leipzig, Germany
Certificate	1034 – CPR – 2172 / 1 / 2018


Essential characteristics	Declared performance	Technical Specification
Release of formaldehyde	E1 (phenolic resin bonded)	EN 13986 Annex B Note 2
Bond quality	Class 3	EN 314-1/2 Type testing
Density	510 Kg/m ³	EN 323 Type testing
Reaction to fire	E (D-s2, d0)	EN 13986 Table 8
Water vapour permeability	Wet - 70 μ / Dry - 200 μ	EN 13986 Table 9
Airborne sound insulation	R = 13 x lg (mA) + 14	EN 13986 part 5.10
Sound absorption coefficient	0,10 / 0,30	EN 13986 Table 10
Thermal conductivity	0,13 W/(m.K)	EN 13986 Table 11
Content of pentachlorophenol	< 5 ppm	EN 13986 part 5.18
Biological durability	Class 2	EN 335 / EN 1099

Dimensional tolerances	Declared performance	Technical Specification					
Length and width	+0 / -3.0mm	EN 324-2					
Squareness	+/- 1.0 mm/m						
Straightness	+/- 1.0 mm/m						
Thickness	See below per Type	EN 324-1 / EN 315 / EN 12871					
	Product Type	12mm	15mm	18mm	20mm	21mm	24mm
	Maximum (mm)	12,56	15,65	18,74	20,80	21,83	24,92
	Minimum (mm)	11,24	14,15	17,06	19,00	19,97	22,88
Density	See below per Type	EN 323 - Type Testing					
	Product Type	12mm	15mm	18mm	20mm	21mm	24mm
	Kg / m ³	523	490	526	515	512	482

Essential characteristics		Declared performance		Technical Specification			
Bending properties		See below per Type		EN 310 Type testing			
	Type	12mm	15mm	18mm	20mm	21mm	24mm
Bending strength (N/mm ²) (MOR)	Fk, 0	37,85	30,24	33,46	30,27	26,61	25,67
	Fk, 90	18,17	13,31	16,55	15,13	15,06	15,69
Bending stiffness (N/mm ²) (MOE)	Fk, 0	4138,01	2834,75	4545,80	5096,10	4136,88	3814,21
	Fk, 90	1174,06	1121,21	1890,96	1593,78	1827,94	1592,56
F / E Class		F 20 / 10 E 40 / 10	F 20 / 5 E 30 / 10	F 20 / 10 E 50 / 20	F 20 / 10 E 50 / 15	F 15 / 10 E 40 / 20	F 15 / 10 E 40 / 10


Characteristics Values for Structural Design

Essential characteristics		Declared performance		Technical Specification			
Bending properties		See below per Type		EN 12369-2			
	Type	12mm	15mm	18mm	20mm	21mm	24mm
Bending strength (N/mm ²) (MOR)	Fk, 0	20,00	20,00	20,00	20,00	15,00	15,00
	Fk, 90	10,00	5,00	10,00	10,00	10,00	10,00
Bending stiffness (N/mm ²) (MOE)	Fk, 0	4000,00	3000,00	5000,00	5000,00	4000,00	4000,00
	Fk, 90	1000,00	1000,00	2000,00	1500,00	2000,00	1000,00

Place and date of issue	Issued by	Signature
Correia Pinto, December 21st, 2018.	Sergio Roni Rodrigues Junior Export Managar	

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 1034
Nereu Rodrigues & Cia Ltda Rod. Br. 116 - Km 222 Correia Pinto - SC - Brazil
14 MR01/PP/18/CE2+ EN 13986:2004+A1:2015
Bond Class 3 E1
Pine Plywood EN 636-2 S xx mm

CE Symbol

Notified Body
Manufacturing plant


Year of CE Marking

Declaration of Performance
Harmonized standard

Bond quality

Release of formaldehyde
Product identification

Product type

Place and date of issue	Issued by	Signature
Correia Pinto, December 21st, 2018.	Sergio Roni Rodrigues Junior Export Manager	



REACH Statement
CE Marking
No. MR01/PP/18/CE2+



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Mill identification	Madeiraira Rodrigues

In compliance to:

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Article 33 – Duty to communicate information on substances in articles

And acknowledging the:

Candidate List of Substances of Very High Concern for Authorization (published in accordance with Article 59 (10) of the REACH Regulation). Last updated: 20 June 2013 to contain 144 substances.

We hereby state that:

1. We are the ARTICLE producer of above mentioned product.
2. The above mentioned product is softwood plywood made solely of softwood veneers and bonded with phenol-formaldehyde resin, and is not treated with any chemicals.
3. The above mentioned product is an ARTICLE which do not contain more than 0.1% of any of the SUBSTANCES of the SVHC list.
4. Notification is not required for this ARTICLE.

Place and date of issue	Issued by	Signature
Correia Pinto, December 21st ,2018.	Sergio Roni Rodrigues Junior Export Managar	