palmasola
PALMASOLA S/A - MADEIRAS E AGRICULTURA

Declaration of Performance
DoP No: PAL 006

CE

Manufacturer:	PALMASOLA S/A MADEIRAS E AGRICULTURA
Address and contact:	Av. Crestani, 515, Centro - Palma Sola, Santa Catarina, Brazil - CEP 89.985-000 E-mail: export@palmasola.com.br | Tel: +55 (49) 3652-3000
AVCP System:	CE 2+
Harmonized standard:	EN 13986:2004+A1:2015
Notified body:	BM TRADA
Certificate number:	1224-CPR-0022

Product description:	Hardwood Plywood WBP
Comercial name:	Palmaply
Glue:	Phenolic resin
Intended use:	Non-structural for external use (EN 636-3)
	Structural for external use (EN 636-3 S)

Essential characteristics		Unit	Declared Performance					Technical specification
Thickness range			6mm	9mm	12mm	18mm	25mm	
Number of plies			3	5	5	7	11	-
Thickness tolerance	Max.	mm	6,4	9,5	12,6	18,7	26,0	EN 315
	Min.		5,4	8,3	11,2	17,1	23,9	
Bending strength F classes (MOR)	Fk,0	N/mm²	F 25	F 20	F 20	F 15	F 20	EN 310, EN 636
	Fk,90		F 10	F 10	F 10	F 5	F 10	
Bending stiffness E classes (MOE)	Ek,0	N/mm²	E 50	E 35	E 40	E 35	E 35	
	Ek,90		E 10	E 15	E 20	E 15	E 20	
Shear strength and stiffness for structural use	Fk,0	N/mm²	NPD	NPD	NPD	31,50	NPD	EN 789, EN 1058
	Fk,90		NPD	NPD	NPD	20,18	NPD	
	Ek,0	N/mm²	NPD	NPD	NPD	6951	NPD	
	Ek,90		NPD	NPD	NPD	4904	NPD	
Compression for structural use	Fk,0	N/mm²	NPD	NPD	NPD	25,53	NPD	EN 789, EN 1058
	Fk,90		NPD	NPD	NPD	21,70	NPD	
	Ek,0	N/mm²	NPD	NPD	NPD	7270	NPD	
	Ek,90		NPD	NPD	NPD	6003	NPD	
Density		kg/m³	>550	>550	>550	>550	>600	EN 323
Moisture content		%	< 10%					EN 322
Bonding quality		Class	3 (exterior)					EN 314-1/2
Release of formaldehyde		-	E1					EN 13986 annex B
Durability (moisture resistance)		-	NPD					-
Reaction to fire		Class	D-s2,d0					EN 13986 table 8
Biological durability		-	NPD					-
Length and width		mm	+/- 3,00					EN 324-1, EN 315
Squareness		mm	+/- 1,00					

NPD: Non Performance Declared

Note: Thickness tolerance for sanded panels.

The performance of the products identified is in accordance with the declared performance above.
This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer by:
Date: 2019-07-31

Laura de Queiroz Fonseca
Wood Processing Engineer / Quality Manager