



DECLARATION OF PERFORMANCE

Nr: 1944/04

Identification of product-type: Non-Structural Plywood - Phenol-formaldehyde bonded pine plywood, uncoated or coated (film faced)

Intended use or uses of the construction product: For use as a non-structural component
in dry conditions
in humid conditions
in exterior conditions (coated and with sealed edges)

Manufacturer: Industrial Madeireira S/A – VIMASA
Rodovia SC 355 - Km 50
89.563-215
Videira - SC
Brazil

System of assessment and verification of constancy of performance: AVCP System 4

Declared Performance: Annex

In accordance with the harmonized European Standard:

EN 13986:2004+A1:2015 – Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking

EN 636:2012+A1:2015 – Plywood – Specification

The performance of the product is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacture.

Signed for and on behalf of the manufacturer by:

Vimasa, 26th June 2023

Albert Reichert
Director

Annex

Declared Performance													
Essential characteristics	Product Type	9 mm (5)	12 mm (7)	15 mm (7)	15 mm (9)	18 mm (9)	18 mm (11)	18 mm (13)	21 mm (11)	21 mm (13)	25 mm (13)	Harmonized technical specification	
Characteristic bending strength (N/mm ²)	//	39,886	33,581	37,281	28,048	30,001	29,674	33,377	31,318	25,960	21,061	EN 310	
	⊥	19,318	28,668	25,579	25,720	29,770	29,736	26,620	31,342	24,571	30,953		
Mean bending strength (N/mm ²)	//	54,750	45,628	46,472	40,823	39,708	36,449	42,374	37,652	39,618	30,101		
	⊥	28,026	37,501	34,839	41,443	39,403	35,622	37,182	38,764	33,785	44,090		
Characteristic stiffness (MOE) (N/mm ²)	//	3563	3378	3339	3779	3697	2944	3342	3703	2598	2968		
	⊥	986	2034	2293	3075	2720	2705	1884	3505	2412	3595		
Mean stiffness (MOE) (N/mm ²)	//	5859	5001	5316	4775	4707	4046	4861	4713	4524	4043		
	⊥	2073	3422	3575	4831	4058	3627	4065	4836	3718	5315		
Moisture content (%)		7,3	7,4	7,4	6,5	7,2	7,5	8,1	8,0	7,4	8,4		EN 322
Mean Density (kg/m ³)		566	558	558	571	555	536	575	564	545	573		EN 323
Bonding quality		Class 3										EN 314	
Formaldehyde release (phenolic glue)		Class E1										EN 13986, Annex B	
Reaction to fire (minimum density 400 kg/m ³)		D-s2,d0										taken from EN 13986, table 8	
Water vapour permeability (mean density 500 kg/m ³)	Wet cup μ	70										taken from EN 13986, table 9	
	Dry cup μ	200											
Airborne sound insulation		NPD										-	
Thermal conductivity W/(m · K) (mean density 500 kg/m ³)		0,13										taken from EN 13986, table 11	
Mechanical durability		NPD										-	
Biological durability		NPD										-	
Content of pentachlorophenol		PCP < 5 ppm										taken from EN 13986	