

Declaration of Performance

No. FSJL-DoP-Plywood-2022001

1. Unique Identification code of product type	Eucalyptus Throughout Hardwood Plywood 3.6-5.5mm
2. Intended use(s): Technical class(es):	For internal or protected external uses as non structural component in humid conditions EN 636-2
3. Manufacturer (Address)	GUANGXI FUSHUI JINLUN WOODS CO., LTD. Shanxu Farm, Shanxu Town, Fushui County, Guangxi, China
4. System of Assessment and Verification of Constancy of Performance (AVCP)	AVCP system 4
5. Harmonized standard	EN 13986:2004+A1:2015

6. Declared performances				
Essential characteristics (acc. to table ZA. 1.1 in annex ZA of the EN 13986:2004+A1:2015)		Performance (according to thickness)		Harmonized technical specification
		3.6mm	5.5mm	
Bending strength (acc. to EN 636) in length direction ($f_{m,0}$) / width direction ($f_{m,90}$)	$f_{m,0}$	F20 - 32N/mm ²	F25 - 38.1N/mm ²	EN310
	$f_{m,90}$	F25 - 39N/mm ²	F30 - 45.7N/mm ²	
Modulus of elasticity in bending (stiffness in bending acc. to EN 636) in length direction ($E_{m,0}$) / width direction ($E_{m,90}$)	$E_{m,0}$	E35 - 3257N/mm ²	E50 - 4922N/mm ²	EN310
	$E_{m,90}$	E35 - 3174N/mm ²	E40 - 4014N/mm ²	
Bonding Quality (Mean shear strength)	EN 314-1	1.37 N/mm ²	1.25 N/mm ²	EN 314-1
	EN 314-2	Class 2	Class 2	EN 314-2
Moisture Content		8%		EN 322
Density		min 601 kg/m ³		EN 323
Reaction to fire	class	E		EN 13986:2004 +A1:2015
Water vapour permeability (μ)	value	wet cup: 70 / dry cup: 200		
Release of formaldehyde (expressed as class E1 or E2)	class	class E1 (0.13mg/L - 0.16mg/L)		
Release (content) of pentachlorophenol (PCP)	ppm	≤ 5 ppm		
Sound absorption (factor α)	value	0.1 for frequency range 250 Hz to 500 Hz / 0.3 for frequency		
Thermal conductivity (λ)	W/(m*K)	0.13		
Moisture resistance	class	Class 2		

*NPD...No Performance Determined

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer, identified above.

Signed for and on behalf of the manufactured by:

Wu Huichang, General Manager
name and function

Guangxi, 2022.01.18
place and date of issue


signature