

Declaration of Performance
No. FSJL-DoP-Plywood-2021004 FSC

1. Unique Identification code of product type	Eucalyptus Throughout Hardwood Plywood 5.5mm
2. Intended use(s): Technical class(es):	For external use as non structural component EN 636-3
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		Performance (according to thickness)	Harmonized technical specification
Essential characteristics (acc. to table ZA. 1.1 in annex ZA of the EN 13986:2004+A1:2015)		5.5mm	
Bending strength (acc. to EN 636) in length direction ($f_{m,0}$) / width direction ($f_{m,90}$)	$f_{m,0}$	F20 - 37.8N/mm ²	EN310
	$f_{m,90}$	F25 - 41.6N/mm ²	
Modulus of elasticity in bending (stiffness in bending acc. to EN 636) in length direction ($E_{m,0}$) / width direction ($E_{m,90}$)	$E_{m,0}$	E50 - 4751N/mm ²	EN310
	$E_{m,90}$	E40 - 3755N/mm ²	
Bonding Quality (Mean shear strength)	EN 314-1	1.21 N/mm ²	EN 314-1
	EN 314-2	Class 3	EN 314-2
Moisture Content		10%	EN 322
Density		min 522 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 3	


*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, 2021.01.08
place and date of issue


signature