

Declaration of Performance
No. FSJL-DoP-Plywood-2022006

1. Unique Identification code of product type	Beech Face/back Eucalyptus Core Plywood 3.6-8mm
2. Intended use(s): Technical class(es):	For external use as non structural component EN 636-3
3. Manufacturer (Adress)	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	4mm	5.5mm	6mm	8mm	
Bending strength (acc. to EN 636) in length direction (f _{m,0}) / width direction (f _{m,90})	f _{m,0}	F20 - 32N/mm2	F15 - 28.4N/mm2	F25 - 38.1N/mm2	F25 - 40N/mm2	F30 - 45N/mm2	EN310	
	f _{m,90}	F25 - 39N/mm2	F20 - 35N/mm2	F30 - 45.7N/mm2	F30 - 46.3N/mm2	F30 - 48N/mm2		
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/mm2	E30 - 2982N/mm2	E50 - 4922N/mm2	E40 - 3827N/mm2	E40 - 3698N/mm2	EN310	
	E _{m,90}	E35 - 3174N/mm2	E35 - 3211N/mm2	E40 - 4014N/mm2	E40 - 4359N/mm2	E35 - 3367N/mm2		
Bonding Quality (Mean shear strength)	EN 314-1	1.12 N/mm2	1.15 N/mm2	1.22 N/mm2	1.27 N/mm2	1.07 N/mm2	EN 314-1	
	EN 314-2	Class 3	Class 3	Class 3	Class 3	Class 3	EN 314-2	
Moisture Content		8%					EN 322	
Density		min 601 kg/m3					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 (0.30mg/L - 0.41mg/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 range 1000 Hz to 2000 Hz					
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 2022 05 18
place and date of issue

signature