

Declaration of Performance
No. FSJL-DoP-Plywood-2022005

1. Unique Identification code of product type	Beech Face/back Eucalyptus core plywood 9mm - 25mm
2. Intended use(s): Technical class(es):	For external use as a 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 2+
5. Harmonized standard	EN 13986:2004+A1:2015
Notified body	ISTITUTO GIORDANO (notified body 0407) 0407-CPR-1345

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
		9mm	12mm	15mm	18mm	22mm	25mm	
Bending strength (acc. to EN 636) in length direction ($f_{m,0}$) / width direction ($f_{m,90}$)	$f_{m,0}$	F30 -min 50.5N/mm ²	F30 -min 50N/mm ²	F30 -min 45.9N/mm ²	F35 -min 55.6N/mm ²	F35 -min 56.2N/mm ²	F40 -min 72.1N/mm ²	EN310
	$f_{m,90}$	F30 -min 50.2N/mm ²	F30 -min 47N/mm ²	F20 -min 33N/mm ²	F30 -min 48N/mm ²	F20 -min 37.8N/mm ²	F40 -min 65.9N/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 -min 3498N/mm ²	E60 -min 5828N/mm ²	E60 -min 5726N/mm ²	E70 -min 6652N/mm ²	E80 -min 7560N/mm ²	E80 -min 7824N/mm ²	EN310
	$E_{m,90}$	E35 -min 3417N/mm ²	E60 -min 5435N/mm ²	E40 -min 4454N/mm ²	E50 -min 5171N/mm ²	E40 -min 3960N/mm ²	E70 -min 6589N/mm ²	
Bonding Quality (Mean shear strength)	EN 314-1 EN 314-2	1.09 N/mm ² Class 3	1.29 N/mm ² Class 3	1.04 N/mm ² Class 3	1.06 N/mm ² Class 3	0.91 N/mm ² Class 3	1.37 N/mm ² Class 3	EN 314-1 EN 314-2
Moisture Content		9% - 14 %						EN 322
Density		min 580 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 (0.30mg/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 2022.01.18
place and date of issue


signature