

Declaration of Performance

No.ZX2024-CPR-002-FSC

1.	Unique Identification code of product type	Eucalyptus Grandis faced Eucalyptus/Poplar core plywood, E1 Glue					
2.	Intended use(s): Technical class(es): Thickness range:	Plywood for internal use in dry and/or humid conditions as a non-structural and/or a structural component EN 636-1 or EN 636-2 5mm - 25mm					
3.	Manufacturer (Address) Trader (Address) Importor (Address)	Pizhou Zhongxin Wood Industry Co., Ltd. North of Chenlou Industrial District, Pizhou City, Jiangsu, China Shanghai Dashing Imp. & Exp. Co., Ltd Room 808, Greenland Business Center, No 515, Huanke Road, Pudong, Shanghai, China Caledonian Plywood Co Ltd 1 Cardowan Park, Tannochside Park, Uddingston G71 5PF					
4.	Authorised representative (optional)	(X)					
5.	System of Assessment and Verification of Constancy of Performance (AVCP)	System 2+					
6.	UKCA certificate number	UK 0836-CPR-22/F6333					
	Harmonized standard	BS EN 13986:2004+A1:2015					
	Notified body	British Board of Agrément (Approved Body No 0836)					
7.	CE certificate number	0407-CPR-724					
	Harmonized standard	EN 13986:2004+A1:2015					
	Notified body	Istituto Giordano SpA (notified body 0407)					
8.	Factory Production Control (FPC) Number	ZX/FPC-QC01-2022					
9.	Declared performances						
Durability	Essential characteristics (acc. to table ZA. 1.1 in annex ZA of the BS EN 13986:2004+A1:2015)		Performance				
	Thickness		9	12	15	18	25
	Bending strength classes (acc. to EN 636)	f_{m0}	F30	F30	F40	F35	F40
		f_{m90}	F25	F25	F25	F20	F25
	Modulus of elasticity in bending classes (stiffness in bending acc. to EN 636)	E_{m0}	E70	E70	E80	E70	E70
		E_{m90}	E50	E50	E40	E40	E50
	Bonding strength (expressed as bonding class 1, 2 or 3) (acc. to EN 314-1, 2) (after pre-treatment according to EN 314-1)	Mean shear strength(f_v) N/mm ²	5.1.1	1.10	1.13	1.20	1.24
		Mean apparent cohesive wood failure(W)	/	20%	20%	18%	24%
		Mean shear strength(f_v) N/mm ²	5.1.2	1.03	1.09	1.08	1.17
		Mean apparent cohesive wood failure(W)	/	15%	15%	13%	15%
	Density (KG/M ³)		575	575	575	575	575
	Reaction to fire		class	E			
	Water vapour permeability (μ)		value	wet cup: 70/ dry cup: 200			
	Release of formaldehyde (expressed as class E1 or E2)		class	E1			
	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 ² K)	0.13				
Bonding strength (expressed as bonding classes 1, 2 or 3) (acc. to EN 314-1, 2)		class	class 1, 2				
Moisture resistance		class	class 1, 2				

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in compliance with the Construction Products Regulation and The Construction Products (Amendment etc.) (EU Exit) Regulations 2020, under the sole responsibility of the manufacturer, identified above.

Signed for and on behalf of the manufactured by:

Li Wenzhong/General Manager
Name and function

Pizhou, 01Jan, 2024
Place and date of issue