Declaration of Performance

No. LX2024-CPR-001

1.	Unique Identification code of product type	Eucalyptus Grandis F/B, Poplar/Eucalyptus core plywood, E1 Glue		
2.	Intended use(s): Technical class(es): Thickness range:	Plywood for internal use in dry or humid conditions as a non-structural and a structural component EN 636-1, EN 636-2 3.6mm-9.0mm		
3.	Manufacturer (Adress)	Linyi Longxin Woods Co., Ltd. Zhoujingpu Viliage Industrial Park, Yitang Town, Lanshan District, Linyi City, Shandong Province,China Post code 273411		
	Trader (Address)	Shanghai Dashing Imp&Exp Co., Ltd Room 808, Greenland Business Center, No 515, Huanke Road, Pudong, Shanghai, China		
	Importor (Address)	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 4		
	Harmonized standard	EN 13986:2004+A1:2015 & BS EN 13986:2004+A1:2015		
8.	Factory Production Control (FPC) Number	1801 / 5012018		
9.	Declared performances			
	Essential characteristics (acc. to table ZA. 1.1 in annex ZA of the EN 13986:2004+A1:2015)			Performance
	Thickness			5.5mm
	Bending strength classes (acc. to EN 636)	f_{m0}		F40
		f_{m90}		F25
	Modulus of elasticity in bending classes (stiffness in bending acc. to EN 636)	E_{m0}		E70
		E_{m90}		E25
	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(fv) N/mm^2	5.1.1	1.24
		Mean apparent cohesive wood failure(W)	/	60%
		Mean shear strength(fv) N/mm^2	5.1.2	1.02
		Mean apparent cohesive wood failure(W)	/	15%
	Density (KG/M$^{3)}$			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*K)	0.13
Durability	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:

Yang Yibao/General Manager
Name and function

Linyi City, 01 Jan, 2024
Place and date of issue

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 conditionsas a non-structural and/or a structural component EN 636-1 or EN 636-2 5mm - 25mm				
3.	Manufacturer (Adress) 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							
	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(fv) N/mm^2	5.1.1	1.10	1.13	1.20	1.24	1.21
		Mean apparent cohesive wood failure(W)	/	20%	20%	18%	24%	20%
		Mean shear strength(fv) N/mm^2	5.1.2	1.03	1.09	1.08	1.17	1.10
		Mean apparent cohesive wood failure(W)	/	15%	15%	13%	15%	12%
	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*K)	0.13				
Durability	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	Pizhou, 01Jan, 2024
Name and function	Place and date of issue