

Declaration of Performance

No.ZX2024-CPR-002-FSC

1.	Unique Identification code of product type	Film faced, Poplar 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 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			
Durability	Essential characteristics (acc. to table ZA. 1.1 in annex ZA of the BS EN 13986:2004+A1:2015)		Performance	
	Thickness		18mm	
	Bending strength classes (acc. to EN 636)	f_{m0}	F40	
		f_{m90}	F20	
	Modulus of elasticity in bending classes (stiffness in bending acc. to EN 636)	E_{m0}	E70	
		E_{m90}	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	1.21
		Mean apparent cohesive wood failure(W)	/	20%
		Mean shear strength(fv) N/mm ²	5.1.2	1.09
		Mean apparent cohesive wood failure(W)	/	18%
	Density (KG/M ³)		570	
	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
	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 City, 01 Jan, 2024
Place and date of issue