

Declaration of Performance
No.JSHB2026006

1.	Unique Identification code of product type	No.JSHB2026006
2.	Intended use(s): Technical class(es): Thickness range:	Plywood for external use as a non-structural and/or a structural component EN 636-3 thickness range 9-25mm
3.	Manufacturer (Address)	Jiangsu Hanbao Newtech Building Materials Co.,LTD Address :Room 1109,Hubu Business building ,Eastern JianGuo Road ,Xuzhou city ,Jiangsu Province
4.	Authorised representative (optional)	(X)
5.	System of Assessment and Verification of Constancy of Performance (AVCP)	System 2+
6.	Harmonized standard	EN 13986:2004+A1:2015
	Notified body	EPH Dresden GmbH (notified body 0766)

7. Declared performances			
Essential characteristics (acc. to table ZA. 1.1 in annex ZA of the EN 13986:2004+A1:2015)		Performance	Harmonized technical specification
Durability	Bending strength (acc. to EN 636) in length direction ($f_{m,0}$) / width direction ($f_{m,90}$)	class	F25/F20
	Modulus of elasticity in bending (stiffness in bending acc. to EN 636) in length direction ($E_{m,0}$) / width direction ($E_{m,90}$)	class	E40/E30
	Characteristic strength values in bending $f_{m,05}$ (0/90) ($f_{m,0}/f_{m,90}$)	N/mm ²	NPD
	Characteristic strength values in tension, compression $f_{t,c,05}$ (0/90) ($f_{t,c,0}/f_{t,c,90}$)	N/mm ²	NPD
	Characteristic strength in shear (0/90) (f_v/f_t)	N/mm ²	NPD
	Stiffness in bending $E_{m,50}$ (0/90) ($E_{m,0}/E_{m,90}$)	N/mm ²	NPD
	Stiffness in tension, compression $E_{t,c,50}$ (0/90) ($E_{t,c,0}/E_{t,c,90}$)	N/mm ²	NPD
	Stiffness in shear (0/90) (G_v/G_t)	N/mm ²	NPD
	Punching shear (for floor and roofs) as point load strength and point load stiffness	N and N/mm ²	NPD
	Racking resistance (for walls)	N and N/mm ²	NPD
	Impact resistance (for floors, roofs and walls)	class	NPD
	Reaction to fire	class	E
	Water vapour permeability (μ)	value	NPD
	Release of formaldehyde	class	E 0.5
	Release (content) of pentachlorophenol (PCP)	ppm	NPD
	Airborne sound insulation (R)	dB	NPD
	Sound absorption (factor α)	value	NPD
	Thermal conductivity (λ)	W/(m*K)	NPD
	Embedment strength (f_n)	N/mm ²	NPD
	Air permeability (V_a)	m ³ /h	NPD
Durability	Bonding strength (expressed as bonding classes 1, 2 or 3) (acc. to EN 314-1, 2)	class	class 3
	Internal bond	N/mm ²	NPD
	Swelling thickness	%	NPD
	Moisture resistance	class	class 3
	Mechanical (i.e. duration of load creep) - modification factors k_{mod} and k_{def}	value	NPD
	Biological	use class	NPD

*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 manufacturer by:

Zheng Ning/Manager
name and function



May 13th, 2026
date of issue

signature

[Handwritten signature]