

Declaration of Performance
No. FSJL-DoP-Plywood-2023007

1.	Unique Identification code of product type 产品类型的唯一标识码	EUCAMESH -Non slip 9mm - 24mm
2.	Intended use(s)用途: Technical class(es)等级:	For external use as a structural component 作为室外结构部件使用 EN 636-3
3.	Manufacturer (Adress)生产商 (地址)	GUANGXI FUSHUI JINLUN WOODS CO., LTD.广西扶绥县金轮木业有限公司 Shanxu Farm, Shanxu Town, Fushui County, Guangxi, China中国广西扶绥县山圩镇山圩农场
4.	System of Assessment and Verification of Constancy of Performance (AVCP)性能评估测试体系	AVCP system 2+
5.	Designated standard 指定标准	BS EN 13986:2004+A1:2015
	Approved Body 认证机构	BBA (notified body 0836) UK 0836-CPR-22/F548

6. Declared performances		Performance(according to thickness)性 能 (按厚度)							Harmonized technical specification 参考标准
Essential characteristics (acc. to table ZA. 1.1 in annex ZA of the EN 13986:2004+A1:2015)		9mm	12mm	15mm	18mm	21mm	24mm		
Bending strength (acc. to EN 636) 静曲强度 in length direction (fm,0) / width direction (fm, 90) 横向/纵向	fm, 0	F35 - 53.2N/mm2	F40 - 71.5N/mm2	F35 - 55.7N/mm2	F35 - 55.7N/mm2	F30 - 46.8/mm2	F25 - 41.5N/mm2	EN310	
	fm, 90	F20 - 34.8N/mm2	F20 - 35.6N/mm2	F20 - 30.7N/mm2	F25 - 44.9N/mm2	F25 - 38.6N/mm2	F20 -35.7N/mm2		
Modulus of elasticity in bending (stiffness in bending acc. to EN 636) 静曲弹性模量 in length direction (Em,0) / width direction (Em, 90) 横向/纵向	Em, 0	E60 -5500N/mm2	E80 - 7650N/mm2	E70 - 6580N/mm2	E70 -6870N/mm2	E60 - 5670N/mm2	E60 - 5640N/mm2	EN310	
	Em, 90	E35 - 3500N/mm2	E50 -4560N/mm2	E40 - 3980N/mm2	E50 -4789N/mm2	E50 -4720N/mm2	E40 -4300N/mm2		
Bonding Quality (Mean shear strength) 胶合质量	EN 314-1 EN 314-2	1.13 N/mm2 Class 3	1.10 N/mm2 Class 3	1.05 N/mm2 Class 3	1.26 N/mm2 Class 3	1.32 N/mm2 Class 3	1.21 N/mm2 Class 3	EN 314-1 EN 314-2	
Moisture Content 含水率		7% - 14 %						EN 322	
Density 密度		min 600 kg/m3						EN 323	
Reaction to fire 防火等级	class	E						EN 13986:2004 +A1:2015	
Water vapour permeability (μ) 水蒸气渗透性	value	wet cup: 70 / dry cup: 200							
Release of formaldehyde (expressed as class E1 or E2) 甲醛释放量	class	class E1 (0.30mg/L - 0.41mg/L)							
Release (content) of pentachlorophenol (PCP) 五氯苯酚的含量	ppm	≤ 5 ppm							
Sound absorption (factor α) 吸音性	value	0.1 for frequency range 250 Hz to 500 Hz / 0.3 for frequency range 1000 Hz to 2000 Hz							
Thermal conductivity (λ) 导热性	W/(m*K)	0.13							
Moisture resistance 防水性	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 as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified above.

上述产品的性能与本声明一致。本声明根据法规 (EU) 305/2011 制定，并由生产商自行承担相关责任。

Signed for and on behalf of the manufactured by:

Wu Huichang, General Manager
name and function

Guangxi, 2023.10.13
place and date of issue

signature

