

Declaration of Performance

No.:BMK2603 Date:April 10th,2026

1. Unique identification code of the product-type:

Plywood, Eucalyptus core, Class 3

Sizes: 12/15/18/21mm

EN 636-3 S

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Eucalyptus Film Faced Plywood

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification:

Plywood to be used as non-structural or structural components in dry, humid and external conditions.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Benchmark Industries Company Limited

Lot CN - 18, Southern Industrial Zone, Van Phu Ward, Lao Cai Province, Vietnam

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance (AVCP):

System 2+

7. The Notified Body: OTC - (EU notified Body 2787)

8.Certificate No.: 2787 - CPR – 01582

9. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 13986:2004+A1:2015

Testing performed by:

WOOD&WOODEN PRODUCT TESTING CENTER OF NANJING FORESTRY UNIVERSITY

(CNAS L2249)

10. Declared performance:

Nominal thickness	Number of plies	Essential Characteristics	Standard	Performance (EN 636)
12mm	7	Bending strength (N/mm ²)	EN 310	F 35 (Longitudinal grain); F 20 (Cross grain)
		Mean Modulus of Elasticity (N/mm ²)	EN 310	E 90 (Longitudinal grain); E 50 (Cross grain)
15mm	9	Bending strength (N/mm ²)	EN 310	F 35 (Longitudinal grain); F 35 (Cross grain)
		Mean Modulus of Elasticity (N/mm ²)	EN 310	E 70 (Longitudinal grain); E 80 (Cross grain)
18mm	11	Bending strength (N/mm ²)	EN 310	F 35 (Longitudinal grain); F 25 (Cross grain)
		Mean Modulus of Elasticity (N/mm ²)	EN 310	E 80 (Longitudinal grain); E 60 (Cross grain)
21mm	13	Bending strength (N/mm ²)	EN 310	F 35 (Longitudinal grain);

				F 20 (Cross grain)
		Mean Modulus of Elasticity (N/mm ²)	EN 310	E 80 (Longitudinal grain); E 50 (Cross grain)

Essential Characteristics (acc. to table ZA. 1.2 in annex ZA of the EN 13986:2004+A1:2015)	Performance		Harmonized Technical Specification
Reaction to fire :	Class	Class	EN 13986:2004 + A1:2015
End use condition	(excluding floorings)	(floorings)	
1) without an air gap behind the wood-based panel	D-s2,d0	Dfl-s1	
2) with a closed or an open air gap not more than 22 mm behind the wood-based panel	D-s2,d2	-	
3) with a closed air gap behind the wood-based panel(Minimum thickness 15mm)	D-s2,d1	Dfl-s1	
4) with an open air gap behind the wood-based panel(Minimum thickness 18mm)	D-s2,d0	Dfl-s1	
5) Any	E	Efl	
Water vapour permeability	Vapor resistance factor		
	Wet cup μ	Dry cup μ	
	80	210	
Release of formaldehyde	E1 (≤0.062mg/m3)		
Release (content) of pentachlorophenol (PCP)	≤5ppm		
Airborne sound insulation (surface mass)	NPD		

Sound absorption coefficient		Frequency range	Frequency range
		250 Hz to 500 Hz	1 000 Hz to 2000 Hz
		0,10	0,30
Thermal conductivity (density)		0,13W/(m · K)	
Air permeability		NPD	
Durability	Bonding strength	Class 3	
	Internal bond	NPD	
	Swelling in thickness	NPD	
	Moisture resistance	NPD	
	Biological	NPD	

11. The performance of the product identified in points 1 and 3 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.