

## DECLARATION OF PERFORMANCE

No. 1/2025

1. Product-type:

Plywood for use as non-structural components in interior and exterior conditions, technical classes EN 636-1 G; -2 G; -3 G, from hard- and soft-wood, thickness from 4 mm to 30 mm

2. Identification of product:

**Interior plywood and exterior plywood**

3. Intended use or uses of the construction product:

**Plywood can be used in construction as non-structural components as:**

- ▶ **Plywood for use in dry conditions (urea formaldehyde resin)**
- ▶ **Plywood for use in humid conditions (melamine formaldehyde resin)**

4. Name and address of the manufacturer:

**WOOD LINE COMPANY LIMITED**

**4th Floor, Duong Tuan Building, Le Thai To Street, Vo Cuong Ward**

**Bac Ninh City, Bac Ninh Province**

**VIETNAM**

5. Name and contact address of the authorized representative:

**Not applicable**

6. System of assessment and verification of constancy of performance of the construction product (AVCP):

**System 4**

7. Notified Body's task(s), if applicable:

**Not applicable**

performed:

**Not applicable**

under system:

**System 4**

and issued:

**Not applicable**

## 8. Declared performance

Essential characteristics	Performance				Harmonized technical specification
Density	600 + 700 kg/m³				
Humidity	5 + 12 %				
Bending strength along/ across fibres	F 25/20 (38/30 N/mm²)				
Modulus of elasticity along/ across fibres	E 50/35 (4400/3000 N/mm²)				
Compressive strength	not tested				
Tensile strength	not tested				
Release of formaldehyde (interior plywood and exterior plywood)	Class E0,E1,E2 ULEF				
Reaction to fire	PN-EN 13986+A1 tab. 8				EN 13986+A1:2015 Wood based panels for use in construction Characteristics, evaluation of conformity and marking  PN-EN 636:2012+A1:2015 Plywood- Specifications
	D-s2,d0	End use condition	Density [kg/m³]	Thickness [mm]	
		without an air gap behind the wood-based panel	≥600	≥9	
			≥400	≥9 ≥12	
			≥450	≥15	
	D-s2,d2	with a closed or an open air gap not more than 22 mm behind the wood-based panel	≥600	≥9	
			≥400	≥9 ≥12	
	D-s2,d0 D-s2,d1 D-s2,d0	with a closed air gap behind the wood-based panel	≥600	≥15	
			≥400	≥15	
	D-s2,d0	with an open air gap behind the wood-based panel	≥400	≥18	
E	any	≥400	≥3		
Water vapour permeability	Interpolated from EN 13986+A1 tab 9 for density 600 kg/m³				
	μ wet cup	80	μ dry cup	210	

<b>Airborne sound insulation</b>	Calculated per EN13986+AI section 5.10 using the formula (t = thickness in mm) $R=13 \times \lg(0,600 \times t)+14$	
<b>Sound absorption coefficient</b>	EN 13986+AI tab. 10	
	250 - 500 Hz: 0,10	1000 - 2000 Hz: 0,30
<b>Thermal conductivity</b>	Interpolated from EN 13986+AI tab 11 for density 600 kg/m <sup>3</sup> $\lambda=0,15 \text{ W/(m}\cdot\text{K)}$	
<b>Biological durability</b>	Hazard class 1- interior plywood Hazard class 2 - exterior plywood with white glue Hazard class 3 (subclass 3.1.) - exterior plywood	
<b>Content of pentachlorophenol (PCP)</b>	EN 13986+AI section 5.18	< 5 ppm

9. The performance of the product identified in points 1 and 2 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.

Signed for and on behalf of the manufacturer by:



**GIÁM ĐỐC**  
*Bach Văn Nghĩa*

WOOD LINE