



PALATI
PLYWOOD

DECLARATION OF PERFORMANCE – 1-2023-08-25/2

CE certificate No: 0766 – CPR – 642/2

1. Unique identification code of the product type:

2123018-003 Birch plywood FSF raw (unfaced) and film-faced, bonded with phenol-formaldehyde resin

2. Intended use:

Plywood for internal use as a structural component in dry conditions, EN 636 – 1

Plywood for external use as a structural component, EN 636 – 3S

Thickness range: 6 mm – 30 mm

3. Manufacturer:

Palati 2022 LLC

4 Mazniashvili street, Rustavi 3700, Georgia

Tel: +995 0341 28 88 00 / +995 511 25 10 50

E-mail: info@palatillc.com

4. System of assessment and verification of constancy of performance (AVCP):

System 2+

5. Harmonized standard:

EN 13986:2004+A1:2015

Notified body:

0766 EPH - Entwicklungs- und Prüflabor Holztechnologie GmbH

Zellescher Weg 24 D-01217 Dresden, Germany

6. Declared performances according EN 13986:2004+A1:2015

LLC PALATI 2022

Rustavi, Georgia; 4 G. Mazniashvili Str.

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info@palatillc.com / www.palatillc.com

Essential characteristics (acc. to table ZA. 1.1 in annex ZA of the EN 13986:2004+A1:2015)		Performance	Harmonized technical specification
	Bending strength (acc. to EN 636) in length direction ($f_{m,0}$) / width direction ($f_{m,90}$)	class	F 35/30
	Modulus of elasticity in bending (stiffness in bending acc. to EN 636) in length direction ($E_{m,0}$) / width direction ($E_{m,90}$)	class	E 80/40
	Characteristic strength values in bending $f_{m,05}$ (0/90) ($f_{m,0}/f_{m,90}$)	N/mm ²	35/30
	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_e)	N/mm ²	NPD
	Stiffness in bending $E_{m,50}$ (0/90) ($E_{m,0}/E_{m,90}$)	N/mm ²	8000/4000
	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_e)	N/mm ²	NPD
	Moisture	%	5 - 10
	Density	Kg/m ³	> 641
	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	NPD
	Water vapour permeability (μ)	value	NPD
	Release of formaldehyde (expressed as class E1 or E2)	class	E1/Reach
	Release (content) of pentachlorophenol (PCP)	ppm	NPD
	Airbone 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_0)	m ³ /h	NPD
Durability	Bonding strength (expressed as bonding classes 1, 2 or 3) (acc. to EN 314-1,2)	class	3
	Internal bond	N/mm ²	NPD
	Swelling thickness	%	NPD
	Moisture resistance	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 manufactured by:

Alina Varnavskaya QCM
name and function



28.07.2026.

place and date for issue

signature