



UNITED PANEL GROUP

YOUR PLYWOOD DESIRE

UPG PARQUET

**HIGH STRENGTH BIRCH PLYWOOD
SUBSTRATE FOR PARQUET
BOARD PRODUCTION**



100%

BIRCH

18

PLYWOOD
THICKNESS*

7

PLYWOOD
SIZES*

2 MPa

GLUE BOND
STRENGTH

**PERFECTLY FLAT
FLOORING, ONCE
AND FOR ALL WITH
UPG PLYWOOD**



***MORE FORMATS AND THICKNESSES OF PLYWOOD FOR ENGINEERED
FLOORING PRODUCTION THAN THE NEAREST COMPETITOR IN THE RUSSIAN FEDERATION**

UPG PARQUET

HIGH STRENGTH BIRCH PLYWOOD SUBSTRATE FOR PARQUET BOARD PRODUCTION

Birch plywood that meets the key requirements of engineered flooring manufacturers.

Main technical features: water resistant glue (WBP – Water Boiled Proof), high bonding strength (2 MPa), strict thickness calibration (tolerances ± 0.3 mm, thickness variation in one sheet 0.2 mm), outer layers after sanding no less than half of the original veneer thickness, plywood moisture content (5-9%), additional protection packing in stretch film.

Consumer benefits: allows to **decrease** production costs when preparing the substrate and further cutting into lamellas and **ensures stability** of the parquet boards during production and end user application. High-strength birch plywood substrate **increases the value** of the finished good and serves as a guarantee of product quality.

5-9%

MOISTURE
CONTENT

E0,5

EMISSION
CLASS

$\pm 0,3$

THICKNESS
TOLERANCE

WBP

WATER RESISTANT
GLUE

**ADDITIONAL
STRETCH FILM
PACKING**

SPECIFICATIONS OF UPG PARQUET

SIZES, LENGTH x WIDTH, FT, MM	4x8 8x4 5x5 5x8	1220x2440, 1250x2500 2440x1220, 2500x1250 1525x1525 1525x2440, 1525x2500
THICKNESS, MM	5,9-15,5	
GRADE	BB/CP (II/III), CP/CP (III/III), CP/C (III/IV)	
SURFACE TYPE	Sanded on both sides (S2S)	
GLUE	WBP	
FORMALDEHYDE EMISSION CLASS	E0,5	
WATER RESISTANCE	High	
DENSITY, KG/M ³	640-700	
MOISTURE CONTENT, %	5-9*	
Produced under TU 5512-002-12886368-2019 Plywood glued. Technical requirements.		

*The moisture content of plywood is determined by the laboratory/weight method. Indicated moisture limits must be observed when shipping UPG PARQUET plywood from the manufacturer's warehouse.

STRENGTH INDICATORS

INDEX		REQUIREMENT GOST 3916.1-2018	REQUIREMENT EN 13986:2004 +A1 2015 EN 636:2012 +A1 2015 EN 314:1993	AVERAGE ACTUAL VALUE 2020*
Shear strength for shearing through adhesive layer (adhesive strength), MPa, not less	after boiling in water for 6 hours	not standardized	not standardized	2
	after soaking for 24 hours			2
Static bending strength, MPa, not less	along the grain of face plies	25	not standardized	80
	across the grain of face plies	not standardized		70
Modulus of elasticity in static bending, MPa, not less	along the grain	7 000	7 000	11 000
	across the grain	not standardized		8 000

*Individual values of indicators may differ from the average both up and down.

THICKNESS AND NUMBER OF PLYS

NOMINAL THICKNESS, MM	MAXIMUM DEVIATION, MM	THICKNESS VARIATION IN ONE SHEET, MAXIMUM, MM	NUMBER OF PLYS
5,9	$\pm 0,3$	0,2	5
6			5
6,5			5
6,7			5
7			5
9			7
9,1			7
10			7
10,3			7
11*			9
12			9
12,4			9
12,7			9
13			9
14,3*			11
14,5*	11		
15	11		
15,5	11		

UPG PARQUET plywood is permitted to be produced with other thicknesses, number of layers, and maximum deviations by agreement between the manufacturer and the customer.

*The indicated thicknesses are produced in 5x5 and 5x8 formats.

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E0,5

CARB



The mark of responsible forestry