



UNITED **PANEL GROUP**

YOUR PLYWOOD DESIRE

UPG PLATFORM

**SMOOTH BIRCH PLYWOOD BASE
FOR HPL PANELS PRODUCTION**



100%

BIRCH

11

PLYWOOD
SIZES

21

PLYWOOD
THICKNESSES

60, 80, 100

SANDING*

**LONG LIFE
WORKTOPS
AND SHELVES
PRODUCED WITH
UPG PLYWOOD**



*PRODUCED WITH SANDING BELTS 60, 80 AND 100
BASED ON THE CUSTOMER'S CHOICE

UPG PLATFORM

SMOOTH BIRCH PLYWOOD BASE FOR HPL PANELS PRODUCTION

Plywood for the production of decorative panels with high-pressure paper-laminated plastics (HPL panels) and wood veneer.

Main technical features: moisture resistant glue (WBP), thickness calibration (tolerances $\pm 0.3-0.5$ mm), smooth sanding (grain 60, 80, 100).

Consumer benefits: allows manufacturers of HPL panels to **reduce production costs and time** for base plate preparation, **smooth sanding** especially important for glossy-coated panel manufacturers, **multi-thickness control ensures smooth docking** of panels with each other and their tight fit.

Application field:

- ◆ tabletops, shelves;
- ◆ furniture frames;
- ◆ wall panels;
- ◆ trading equipment.

SPECIAL THICKNESS TOLERANCES

E0,5

EMISSION CLASS

WBP

WATER RESISTANT GLUE

2 MPa

GLUE BOND STRENGTH

SPECIFICATIONS OF UPG PLATFORM

THICKNESS, MM	8,0-30,0
GRADE	BB/CP (II/III), CP/CP (III/III)
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, %	5-11*
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 PLATFORM 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	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.

FORMATS OF UPG PLATFORM

4x8	1220x2440, 1245x2465, 1250x2500
8x4	2440x1220, 2465x1245, 2500x1250
4x10	1220x3050, 1220x3065, 1220x3075, 1245x3050, 1245x3075, 1250x3075, 1270x3075, 1300x3050
5x8	1525x2440, 1525x2500
5x10	1500x3000, 1525x3050, 1540x3065, 1550x3075, 1525x3075

THICKNESS AND NUMBER OF PLYS

NOMINAL THICKNESS, MM	MAXIMUM DEVIATION, MM	THICKNESS VARIATION IN ONE SHEET, MAXIMUM, MM	NUMBER OF PLYS
9	$\pm 0,3$	0,2	7
12			9
15			11
17,5			13
18	$\pm 0,5$	0,6	13
23,8			17
24			17
30			21

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