

WOOD SPECIES	BIRCH
SIZES, mm	1525x1525; 2135x1525
THICKNESSES, mm	3 - 4 - 6 - 8 - 9 - 12 - 15 - 18 - 21 - 24
GRADES	I (B); I/III (B/BB); III (BB); III/IV (BB/CP); IV (C)
WEIGHT / DENSITY	690 kg/m ³
BONDING	MR or WBP (BFU-100; DIN 68705/3)
FORMALDEHYDE EMISSION	E 1, CARB
APPROVALS	CE, FSC
ORIGIN COUNTRY	RUSSIA

BIRCH BASED PLYWOOD

Russian birch (*Betula pendula*, hardwood) are the most important raw materials in the plywood process. Birch is of uniform consistency and it has excellent strength, peeling and gluing properties.

Uncoated birch plywood is defined according to its face veneer grades. Surface grades do not have significant effect upon the structural performance of the panels.

PROPERTIES OF PANEL SURFACE

Grade	Description
I (B)	surface without joints for lacquering
II (BB)	surface for painting or coating
III (CP)	surface for painting or coating
IV (C)	surface for reverse sides, packaging grade

ADVANTAGES OF BIRCH PLYWOOD

- homogeneous surface of a consistent
- high quality
- strong, excellent bending strength
- light and decorative
- easy machining and surface treatment
- taint and odour free

Can be used both indoors and outdoors.

EXAMPLES OF END USES

- kitchen cabinets, door mirrors
- partition walls, sight screens
- furniture parts
- sound insulation latticework
- toys, souvenirs, cards
- models
- musical instruments
- interiors
- saddles

THICKNESSES, STRUCTURES AND TOLERANCES

Nominal thickness	Number of plies	Thickness tolerances, sanded		Packaging
		min, mm	max, mm	
3	3	2,6	3,3	150
4	3	3,5	4,3	100
6	5	5,5	6,4	65
8	6/7	7,6	8,4	50
9	7	8,4	9,4	44
12	9	11,3	12,5	33
15	11	14,2	15,6	26
18	13	17,1	18,7	22
21	15	20,0	21,8	19
24	17	22,9	24,9	16

PANEL TOLERANCES

Length/Width, mm	Tolerance, mm
<1000	± 2 mm
1000...2000	± 3 mm
>2000	± 4 mm
Squareness of panel	2 mm/m
Straightness of panel edges	2 mm/m

QUALITY CONTROL

By GOST 3916.1-96



Mixed Sources
Product group from well-managed forests, controlled sources and recycled wood or fiber
www.fsc.org Cert no. SW-COC-00454
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