



## BIRCH PLYWOOD “SVEZA”

### **Advantages of SVEZA birch plywood:**

SVEZA plywood is INT (interior) and WBP (exterior) birch plywood. Using birch as raw material for plywood allows outstanding strength characteristics of the product.

SVEZA plywood is recognized for its wear resistance and strength, high water-proof characteristics, attractive surface, safe application.

### **Application of SVEZA birch plywood.**

Building and construction, vehicle industry, wagon-building, tanker-building, hoardings, signs and fencings, furniture and internal design.

### **Plywood type**

According to waterproof characteristics: *MR – for interior application and WBP - for exterior application*

<b>Standard sizes, mm:</b>	1525 x 1525 / 2500 / 3050
	1220 x 2440
	1250 x 2500
	1500 x 3000
	2440 x 1220
	2500 x 1250

The grain of the face veneer runs parallel to the first dimension stated. Long and short grain panels are available. Other special sizes are available on request.

<b>Standard thicknesses, mm:</b>	<b>MR (interior):</b> 3; 4; 5; 6; 8; 9; 10; 12; 15; 18; 21
	<b>WBP (exterior):</b> 6,5; 9; 12; 15; 18; 21; 24; 27; 30; 35; 40

### **Standard Grading**

According to the quality of face veneer:	<b>MR (interior) glue, 1525x1525 mm:</b> B, BB, CP, C
	<b>WBP (exterior) glue, Large sizes:</b> B, S, BB, CP, WG, C

<b>Surface finishing</b>	Not sanded	- NS,
	Sanded on both sides	- S2S,
	Film Faced	- F/F or F/W

### **Formaldehyde emission class**

E1 according to EN 717 Part 2.

**Moisture content:** max 10%

**Density:** 640-700 kg/m<sup>3</sup>;

**Standard requirements:** Russian GOST 3916.1-96

This information is intended as guideline only, comes without warranty and is subject to be amended without preliminary notification.

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## Tolerances, mm

Nominal thickness, mm	Number of plies, min	Sanded plywood		Unsanded plywood	
		Max thickness tolerance	Gage Interference	Max Tolerance	Gage Interference
3	3	+0,3 -0,4	0,6	+0,4 -0,3	0,6
4	3	+0,3 -0,5		+0,8 -0,4	1,0
6,5	5	+0,4 -0,5		+0,9 -0,4	
9	7	+0,4 -0,6		+1,0 -0,5	
12	9	+0,5 -0,7		+1,1 -0,6	1,5
15	11	+0,6 -0,8		+1,2 -0,7	
18	13	+0,7 -0,9		+1,3 -0,8	
21	15	+0,8 -1,0		+1,4 -0,9	
24	17	+0,9 -1,1		+1,5 -1,0	2,0
27	19	+1,0 -1,2	+1,6 -1,1		
30	21	+1,1 -1,3	+1,7 -1,2		

## Strength properties

Characteristics	Value, MPa	
	MR (interior) Birch Plywood	WBP (exterior) and Filmfaced Birch Plywood
Ultimate tensile strength	Not less <b>30</b>	Not less <b>40</b>
Ultimate creasing strength	Not less <b>55</b>	Not less <b>60</b>
Ultimate shearing strength (after boiling in water within 1 hour)	Not less <b>1,5</b>	

## Bonding

Urea or Carbomide (MR –interior) and formaldehyde (WBP, exterior) glues are used in plywood production. Bonding is resistant to environmental attack and boiling in the water. Formaldehyde bonded plywood can be used in exterior as well as in interior conditions. Formaldehyde bonding strength conforms with DIN 68705 part 3 / BFU 100 standard requirements.

## Certificates

All the goods are certified according to Russian Governmental Standard (Certification of Conformity), Moscow System of Voluntary Certification in Construction as well as State Sanitary Epidemiological Regulations. The production is certified according to ISO 9001 (TUV NORD CERT GmbH&Co.KG).

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