



## FILM FACED BIRCH PLYWOOD “SVEZA”

### **Advantages of SVEZA film faced plywood:**

SVEZA film faced plywood is WBP (exterior) birch plywood overlaid by a film (a thin paper treated with synthetic resin) from one or both sides of a panel.

Using birch as raw material for plywood production gives exclusive strength properties to the ready-for-use product. Using birch raw material for plywood production allows outstanding strength characteristics of the product.

SVEZA film faced plywood is recognized for its wear resistance and strength, high water-proof characteristics, resistance to chemical agents and other corrosive liquids action, resistance to detergents and cleansers, safe application.

### **Application of SVEZA film faced plywood.**

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

|                            |      |   |                                  |
|----------------------------|------|---|----------------------------------|
| <b>Standard sizes, mm:</b> | 1500 | x | 2440 / 2500 / 2745 / 3000 / 3050 |
|                            | 1525 | x | 2440 / 2500 / 2745 / 3000 / 3050 |
|                            | 1200 | x | 2440 / 2500 / 3000 / 3050        |
|                            | 1220 | x | 2440 / 2500 / 3000 / 3050        |
|                            | 1250 | x | 2440 / 2500 / 3000 / 3050        |
|                            | 2440 | x | 1220 / 1250                      |
|                            | 2500 | x | 1220 / 1250                      |

Long and short grain panels are available. Other special sizes are available on request.

**Standard thicknesses, mm:** 6,5; 9; 12; 15; 18; 21; 24; 27; 30; 35; 40

### **Overlaying**

#### **Density**

Face veneers of plywood are overlaid by phenol film.

Standard color is dark-brown, density - 120 gr/m<sup>2</sup>.

Double overlaying of the panel with standard films is (240 gr/m<sup>2</sup>, 440 gr/m<sup>2</sup>) which improves the panel wear resistance.

Per request of the customer film of the following density can be used: 117 gr/m<sup>2</sup>, 167 gr/m<sup>2</sup>, 174 gr/m<sup>2</sup>, 205 gr/m<sup>2</sup>, 214 gr/m<sup>2</sup> or 220 gr/m<sup>2</sup>.

#### **Colour**

Dark-brown transparent (120 gr/m<sup>2</sup>), dark-brown non-transparent (120 gr/m<sup>2</sup>), dark-brown (167 gr/m<sup>2</sup>), dark-brown (220 gr/m<sup>2</sup>), chestnut-coloured (117 gr/m<sup>2</sup>), light-brown semi-transparent (117 gr/m<sup>2</sup>), yellow (167 gr/m<sup>2</sup>), green (117 gr/m<sup>2</sup>), red (220 gr/m<sup>2</sup>), white (melamine film, 205 gr/m<sup>2</sup>), black (122 gr/m<sup>2</sup>), grey (174 gr/m<sup>2</sup>), transparent film (117 gr/m<sup>2</sup>), under painting (291 gr/m<sup>2</sup>).

The LOGO print on film is possible.

### **Texture of the surface**

F-smooth, W-wire mesh, SP-paper under painting.

### **Edge sealing**

To improve the panel water resistance the edges are sealed with waterproof acrylic paint.

The information is intended as guideline only and comes without warranty. We reserve the right to amend specification without preliminary notification.

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# FILM FACED BIRCH PLYWOOD “SVEZA”



**Standard requirements:** Technical conditions 5512-007;

## Formaldehyde emission class

E1 in accordance with EN 717 Part 2 и A Standard EN 1084;

## Moisture content

Moisture content max 10%;

## Density

Density of birch plywood is 640-700 kg/m<sup>3</sup>;

## Other data

| Characteristics   | Value, MPa          |
|---|---------------------|
| Ultimate tensile strength   | Not less <b>40</b>  |
| Ultimate creasing strength  | Not less <b>60</b>  |
| Ultimate shearing strength (after boiling in water within 1 hour) | Not less <b>1,5</b> |

## Tolerances

| Nominal thickness, mm | 4   | 6,5 | 9   | 12   | 15   | 18 | 21   | 24   | 27   | 30   | 35   | 40   |
|-----------------------|-----|-----|-----|------|------|----|------|------|------|------|------|------|
| Thickness, min        | 3,5 | 6,1 | 8,8 | 11,5 | 14,3 | 17 | 19,9 | 22,7 | 25,8 | 29,0 | 33,5 | 38,8 |
| Thickness, max        | 4,1 | 6,9 | 9,5 | 12,5 | 15,7 | 19 | 20,9 | 23,7 | 28,8 | 30,6 | 35,5 | 41,2 |
| Number of plies       | 3   | 5   | 7   | 9    | 11   | 13 | 15   | 17   | 19   | 21   | 25   | 29   |

| Index              | Deviation, mm |
|--------------------|---------------|
| Length/width, mm   |               |
| < 1000             | ± 1 mm        |
| 1000 ... 2000      | ± 2 mm        |
| > 2000             | ± 3 mm        |
| Right angle        | 1 mm /m       |
| Edges straightness | 1 mm /m       |

## Bonding

WBP exterior glue (formaldehyde glue). Bonding is resistant to environmental attack and boiling in the water. Bonding according to DIN 68705 part 3 BFU 100

## 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).

## Plywood storage

Plywood storage should exclude direct sunrays and atmospheric precipitations. SVEZA filmfaced plywood is intended for repeated use. Observance of the rules will allow extending its durability:

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