



## DECLARATION OF PERFORMANCE No. 45/8

**1. Birch Plywood SVEZA Parquet Type FSF with thickness of 9-18 mm (SVEZA Parquet 9-18)**

1. For internal use in humid conditions (uncoated) – EN 636-2 S – as structural components – EN 13986 : 2004+A1:2015 (4.2)
2. Manufacturer: **JSC „SVEZA Verhnaya Sinyachiha“**  
1 Kedrovaya str., Verhnaya Sinyachiha, Alapaevsk District, Sverdlovsk Region  
624691 RUSSIA
3. System of assessment and verification of consistency of performance of the construction product as set out in Annex V of the Regulation (EU) No 305/2011: EN 13986:2004+A1:2015 System 2+
4. The notified body:

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The Bremen Institute for Materials Testing (MPA Bremen)  
Paul-Feller-Str. 1, 28199 Bremen, Germany

has performed the certification in accordance with EN 13986 : 2004+A1:2015, System 2+ and issued the certificate of conformity of the factory production control:

**1075-CPR-Z400-5/17**

5. Declared performance:

<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonized technical specification</i>
Bending strength	F40/25	EN 636 : 2012, Table 1
Modulus of elasticity	E70/30	EN 636 : 2012, Table 2
Bonding quality (moisture resistance)	Class 3	EN 636 : 2012, EN 314-2:1993
Release of formaldehyde	E1	EN 636 : 2012, Table 3
Reaction to fire	Class E	EN 13986, Table 8
Water vapour permeability (by mean density of 654 kg/m <sup>3</sup> )	Vapour resistance factor: 85 μ (wet cup); 215 μ (dry cup)	EN 12524; EN 13986, Table 9
Airborne sound insulation	NPD	
Sound absorption	0.10 (250 Hz to 500 Hz) 0.30 (1 000 Hz to 2 000 Hz)	EN 13986, Table 10
Thermal conductivity (by mean density of 654 kg/m <sup>3</sup> )	0.16	EN 13986, Table 11
Strength and stiffness for structural use (at bending)	min $f_{m,05}$ 40/25 N/mm <sup>2</sup> min $E_{m,50}$ 7 000/3 000 N/mm <sup>2</sup>	EN 12369-2, Tables 2 & 3
Strength and stiffness for structural use (at tension and compression)	min $f_{t-c,05}$ 16/12.5 N/mm <sup>2</sup> min $E_{t-c,50}$ 3 500/2 400 N/mm <sup>2</sup>	EN 12369-2, Tables 2 & 3
Strength and stiffness at panel shear and planar shear (by mean density of 654 kg/m <sup>3</sup> )	$f_v = 6.3$ N/mm <sup>2</sup> $f_r = 1.0$ N/mm <sup>2</sup> $G_v = 480$ N/mm <sup>2</sup> $G_r = 60$ N/mm <sup>2</sup>	EN 12369-2, Table 4
Mechanical durability	NPD	EN 13986, 5.16
Biological durability	NPD	EN 13986, 5.17
Content of pentachlorophenol	< 5 ppm	EN 13986, 5.18
Racking resistance	NPD	EN 13986, 5.15.3
Embedment strength	NPD	EN 13986, 5.19

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Ilya V. Radchenko  
Director of Branch «Verhnaya Sinyachiha» of LLC «SVEZA»

Verhnaya Sinyachiha, August 28<sup>th</sup>, 2017