



**DECLARATION OF PERFORMANCE**  
**No. 13/1**

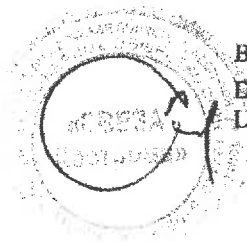
1. **Birch Plywood Type FK with the thickness < 9 mm (FK < 9)**
2. Batch no.: see package.
3. For internal use as non-structural components in dry conditions – EN 13986 : 2004+A1:2015 (4.4)
4. Manufacturer: **JSC «SVEZA Kostroma»**  
ul. Komsomolskaya, 2, Kostroma 156961 RUSSIA
5. Non-applicable
6. System 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 4
7. Non-applicable
8. Non-applicable
9. Declared performance:

<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonized technical specification</i>
Bonding quality	Class I	EN 636 : 2012, EN 314-2:1993
Release of formaldehyde	E1	EN 636 : 2012, Table 3
Reaction to fire	Class F	EN 13986, Table 8
Water vapour permeability (by mean density of 680 kg/m <sup>3</sup> )	Vapour resistance factor: 88 μ (wet cup); 218 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 680 kg/m <sup>3</sup> )	0.17	EN 13986, Table 11
Biological durability	NPD	EN 13986, 5.17
Content of pentachlorophenol	< 5 ppm	EN 13986, 5.18

10. The performance of the product is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:



Boris V. Didenko  
Director of Branch «Kostroma» of  
LLC «SVEZA»

Kostroma, December 21<sup>st</sup>, 2016



## DECLARATION OF PERFORMANCE

### No. 13/2

1. **Birch Plywood Type FK with the thickness 9-40 mm (FK 9-40)**
2. Batch no.: see package.
3. For internal use as structural components in dry conditions – EN 13986 : 2004 + A1:2015 (4.1)
4. Manufacturer: **JSC «SVEZA Kostroma»**  
ul. Komsomolskaya, 2, Kostroma 156961 RUSSIA
5. Non-applicable
6. 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+
7. 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-Z295-4/16**

8. Non-applicable
9. Declared performance:

<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonized technical specification</i>
Bending strength	F40/30	EN 636 : 2012, Table 1
Modulus of elasticity	E70/50	EN 636 : 2012, Table 2
Bonding quality	Class 1	EN 636 : 2012, EN 314-2:1993
Release of formaldehyde	E1	EN 636 : 2012, Table 3
Reaction to fire	D-s2, d0	EN 13986, Table 8
Water vapour permeability (by mean density of 670 kg/m <sup>3</sup> )	Vapour resistance factor: 87 μ (wet cup); 217 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 670 kg/m <sup>3</sup> )	0.16	EN 13986, Table 11
Strength and stiffness for structural use (at bending)	min $f_{m,05}$ 40/30 N/mm <sup>2</sup> min $E_{m,50}$ 7 000/5 000 N/mm <sup>2</sup>	EN 12369-2, Tables 2 & 3
Strength and stiffness for structural use (at tension and compression)	min $f_{t,05}$ 16/15 N/mm <sup>2</sup> min $E_{t,50}$ 3 500/4 000 N/mm <sup>2</sup>	EN 12369-2, Tables 2 & 3
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

10. The performance of the product is in conformity with the declared performance in item 9.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Boris V. Didenko  
Director of Branch «Kostroma» of  
LLC «SVEZA»

Kostroma, December 21<sup>st</sup>, 2016