



Declaration of Performance

No. 0002/1-DFK-2018/04/01

1. Identification code **Birch film faced plywood FOF-B-S1, FOF-B2
F 50/30 E 50/30
4 - 10 mm**

2. Type number, according to article 11 (5) EU No. 305
TY 5512-001-43181163-02

3. Building product for structural use in humid conditions, **EN 636-2S**

4. Manufacturer:

**Demidovskiy Fanernij Kombinat
601241 der.Demidovo, Vladimirskaj obl.
Russia**

6. System 2+

7. Notified factory certification body institute,

0765

Fraunhofer-Institut für Holzforschung Wilhelm-Klauditz-Institut WKI
Bienroder Weg 54E
D-38108 Braunschweig

performed the initial inspection of the manufacturer plant and factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control with number:

765-CPD-412

9. Declared performance according to EN 13986:2004+A1:2015, Birch Plywood 636-2S:

Essential characteristics EN 636-2S		Performance		Harmonised technical specification
Release of Formaldehyde		E 1		EN IISO 12460-3
density	ρ	>600	kg/m ³	EN 323:1993
Bending strength	$f_{m,05}$	0	60 N/mm ²	EN 12369-2: 2011
		75	50 N/mm ²	
Tension and compression strength	$F_{t-c,05}$	0	24 N/mm ²	
		75	25 N/mm ²	
Panel shear strength	f_v	5,7	N/mm ²	
Planar shear strength	f_r	0,9	N/mm ²	
Bending stiffness (MOE)	$E_{m,05}$	0	7000 N/mm ²	
		75	4000 N/mm ²	
Tension and compression stiffness (MOE)	$E_{t-c,05}$	0	3500 N/mm ²	
		75	3900 N/mm ²	
Panel shear stiffness	G_v	440	N/mm ²	
Planar shear stiffness	G_r	44	N/mm ²	
Mechanical duration of load and creep	K_{def}	1,00		EN 1995-1-1:2004 +AC2006+A1:2008
	K_{mod}	0,60		
Reaction to fire		D-s2,d0		EN 13986: 2004+A1:2015
Sound absorption	α	250-500 Hz	0,10	
		1000-2000 Hz	0,30	
Water vapour permeability	μ wet cup	80		
	μ dry cup	210		
Thermal conductivity	λ	0,15	W/(mK)	
Bonding quality	Class 2			EN 314-2:1993
Biological durability	Service class 2			EN 335:2015

10. The performance of the product identified in points 1 and 2 in conformity with the declared performance in point 8.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on the behalf of the manufacturer by:

..... Chief Technologist.....

(name und function)

Gummer N.S.

(signature)

1/04/2018.

data