



# DECLARATION OF PERFORMANCE

No. DOP 5 -2021


1. **PRODUCT**  
Birch plywood in accordance with EN13986:2004+A1:2015 "Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking"
2. **PRODUCT IDENTIFICATION**  
EN-636- 2S, birch, phenolic resin, unfaced, thickness 9-40 mm
3. **INTENDED USE**  
For internal use as structural component in humid conditions and protected external applications
4. **MANUFACTURER**  
LLC «Murashinskiy Plywood Plant»  
Garazhnaya street, 10, Murashi, Murashinskiy district, Kirov region, Russian Federation, 613711  
POSTAL ADDRESS: Derendyaeva street, 17, Kirov city, Kirov region, Russian Federation, 610020
5. **SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE**  
System 2+
6. **INVOLVED NOTIFIED BODY**  
BM Certification SIA, NB2358, performed inspection of the manufacturing plant and of factory production control according to System 2+ and issued Certificate of conformity of the factory production control 2358-CPR-0208
7. **INVOLVED TECHNICAL ASSESSMENT BODY**  
Not applicable
8. **DECLARED PERFORMANCE**

Essential characteristic*	Performance		Harmonised technical specification
Bending strength	Class F40/30		EN13986:2004+A1:2015
Bending stiffness (Modulus of elasticity)	Class E70/40		
Bonding quality	Class 3		
Durability (Moisture resistance)	Class 3		
Release of formaldehyde	Class E1		
Reaction to fire	Class D-s2,d0		
Water vapour permeability	Wet cup $\mu$ 90 / Dry cup $\mu$ 220		
Airborne sound insulation	$\geq 24.4$ dB		
Sound absorption	0.10 (250-500Hz) / 0.30 (1000-2000 Hz)		
Thermal conductivity	0.17 W/(mK)		
Strength and stiffness for structural use: characteristic Bending strength characteristic Bending stiffness	parallel	perpendicular	
	40 N/mm <sup>2</sup> 7000 N/mm <sup>2</sup>	30 N/mm <sup>2</sup> 3660 N/mm <sup>2</sup>	
Mechanical durability	NPD		
Biological durability	Hazard (Use) Class 2		
Content of pentachlorophenol	$\leq 5$ ppm		
Racking resistance	NPD		
Embedment strength	NPD		

\* For calculations/tabulated values density 700 kg/m<sup>3</sup> is used

9. **AUTHORISATION**  
The performance of the product identified in points 1 and 2 is 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 behalf of the manufacturer by:

  
 \_\_\_\_\_ A.N. Samodelkin General Director  
 [signature]

Murashi, December 02, 2021