



ТОО "Семипалатинский деревообрабатывающий завод №1"  
А35С2С5, Казахстан, Алматы, Илийский тракт, 17

LLP "Semipalatinsk Woodworking Plant #1"  
17 Iliyskiy Trakt Avenue, Almaty, A35C2C5, Kazakhstan

+7 (775) 007-19-69, info@sdoz1.kz,  
www.sdoz1.kz

LLP «Semipalatinsk Woodworking Plant #1»  
17 Iliyskiy Trakt Avenue, Almaty  
A35C2C5 Kazakhstan

## DECLARATION OF PERFORMANCE

### 1. Unique identification code of the product-type:

01 – 01: Birch Plywood 636-2S, F 60/40 E 80/20, Unfaced, 4 - 9 мм  
01 – 02: Birch Plywood 636-2S, F 60/40 E 80/20, Unfaced, 10 - 40 мм  
02 - 01: Birch Plywood 636-2S, F 60/40 E 80/20, Faced, 4 - 9 мм  
02 - 02: Birch Plywood 636-2S, F 60/40 E 80/20, Faced, 10 - 40 мм

### 2. Intended use:

For structural use in humid conditions, EN 636-2S

### 3. Manufacturer:

LLP «Semipalatinsk Woodworking Plant #1»  
17 Iliyskiy Trakt Avenue, Almaty  
A35C2C5 Kazakhstan  
Tel.: +7 (775)007-19-69  
E-Mail: [info@sdoz1.kz](mailto:info@sdoz1.kz)

### 5. System of AVCP:

System 2+

### 6. Harmonised standard:

ST RK 2138-2011 (EN 13986:2004+A1:2015)

Notified body:  
Official edition Committee for Technical Regulation and Metrology of the Ministry of Industry and New  
Technologies of the Republic of Kazakhstan

(Gosstandart)

Astana



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7. **Declared performance according to ST RK 2138-2011 (EN 13986:2004+A1:2015):  
DOP № 01 – 01**

for product Birch Plywood 636-2S, F 60/40 E 80/20, Unfaced, 4 - 9 мм

Characteristics	Symbols	Minimum value		According to Standard
Bending strength	$E_{m,0,K}$	> 60 N/mm <sup>2</sup>		EN 12369-2
Bending strength	$F_{m,90,K}$	> 40 N/mm <sup>2</sup>		
Mean bending E-modulus	$E_{m,0,mean}$	> 8500 N/mm <sup>2</sup>		
Mean bending E-modulus	$E_{m,90,mean}$	> 2200 N/mm <sup>2</sup>		
Modulus of rigidity of panel shear	$f_{v,K}$	3,0 N/mm <sup>2</sup>		
Modulus of rigidity of panel shear	$G_{v,mean}$	300 N/mm <sup>2</sup>		
Strength of planar shear	$f_{r,K}$	0,5 N/mm <sup>2</sup>		
Modulus of rigidity of planar shear	$G_{r,mean}$	20 N/mm <sup>2</sup>		
Moisture Content	$H$	5 - 10 %		EN 322
Density	$P$	> 650 kg/m <sup>3</sup>		EN 323
Bonding Quality		Class 3		EN 314-2
Reaction to Fire		E		ST RK 2138-2011 EN 13986:2004+A1:2015/ 13501-1
Determination of dimensions				EN 324
Formaldehyde		E1		ST RK 2138-2011 EN 13986:2004+A1:2015
Water permeability	Q	70 Wet cup	200 Dry cup	ST RK 2138-2011 EN 13986:2004+A1:2015
Airborne sound insulation	$dB$	NPD		
Sound absorption		NPD		
Thermal conductivity	$\lambda$	0,16 W (mk)		ST RK 2138-2011 EN 13986:2004+A1:2015
Embedment strength	$f_h$	NPD		
Air permeability	$f$	NPD		



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**DOP № 01 - 02**

for product Birch Plywood 636-2S, F 60/40 E 80/20, Unfaced, 10 - 40 mm

Characteristics	Symbols	Minimum value	According to Standard
Bending strength	$E_{m,0,K}$	> 60 N/mm <sup>2</sup>	EN 12369-2
Bending strength	$F_{m,90,K}$	> 40 N/mm <sup>2</sup>	
Mean bending E-modulus	$\bar{\epsilon}_{m,0,mean}$	> 8500 N/mm <sup>2</sup>	
Mean bending E-modulus	$\bar{\epsilon}_{m,90,mean}$	> 2200 N/mm <sup>2</sup>	
Modulus of rigidity of panel shear	$f_{v,K}$	3,0 N/mm <sup>2</sup>	
Modulus of rigidity of panel shear	$G_{v,mean}$	300 N/mm <sup>2</sup>	
Strength of planar shear	$f_{r,K}$	0,5 N/mm <sup>2</sup>	
Modulus of rigidity of planar shear	$\bar{\epsilon}_{r,mean}$	20 N/mm <sup>2</sup>	
Moisture Content	$H$	5 - 10 %	EN 322
Density	$P$	> 650 kg/m <sup>3</sup>	EN 323
Bonding Quality		Class 3	EN 314-2
Reaction to Fire		D-s2, do	ST RK 2138-2011 EN 13986:2004+A1:2015 /13501-1
Determination of dimensions			EN 324
Formaldehyde		E1	ST RK 2138-2011 EN 13986:2004+A1:2015
Water permeability	Q	70 Wet cup	200 Dry cup ST RK 2138-2011 EN 13986:2004+A1:2015
Airborne sound insulation	$dB$	NPD	
Sound absorption		NPD	
Thermal conductivity	$\lambda$	0,16 W (mk)	ST RK 2138-2011 EN 13986:2004+A1:2015
Embedment strength	$f_h$	NPD	
Air permeability	$f$	NPD	





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**DOP № 02 – 01**

Birch Plywood 636-2S, F 60/40 E 80/20, Faced, 4 - 9 мм

Characteristics	Symbols	Minimum value	According to Standard
Bending strength	$E_{m,0,K}$	> 60 N/mm <sup>2</sup>	EN 12369-2
Bending strength	$F_{m,90,K}$	> 40 N/mm <sup>2</sup>	
Mean bending E-modulus	$E_{m,0,mean}$	> 8500 N/mm <sup>2</sup>	
Mean bending E-modulus	$E_{m,90,mean}$	> 2200 N/mm <sup>2</sup>	
Modulus of rigidity of panel shear	$f_{v,K}$	3,0 N/mm <sup>2</sup>	
Modulus of rigidity of panel shear	$G_{v,mean}$	300 N/mm <sup>2</sup>	
Strength of planar shear	$f_{r,K}$	0,5 N/mm <sup>2</sup>	
Modulus of rigidity of planar shear	$G_{r,mean}$	20 N/mm <sup>2</sup>	
Moisture Content	$H$	5 - 10 %	
Density	$P$	> 650 kg/m <sup>3</sup>	EN 323
Bonding Quality		Class 3	EN 314-2
Reaction to Fire		E	ST RK 2138-2011 EN 13986:2004+A1:2015 /13501-1
Determination of dimensions			EN 324
Formaldehyde		E1	ST RK 2138-2011 EN 13986:2004+A1:2015
Water permeability	Q	70 Wet cup	200 Dry cup ST RK 2138-2011 EN 13986:2004+A1:2015
Airborne sound insulation	$dB$	NPD	
Sound absorption		NPD	
Thermal conductivity	$\lambda$	0,16 W (mk)	ST RK 2138-2011 EN 13986:2004+A1:2015
Embedment strength	$f_h$	NPD	
Air permeability	$f$	NPD	



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**DOP № 02 - 02**

for product Birch Plywood 636-2S, F 60/40 E 80/20, Faced, 10 - 40 мм

Characteristics	Symbols	Minimum value	According to Standard
Bending strength	$F_{m,0,K}$	> 60 N/mm <sup>2</sup>	EN 12369-2
Bending strength	$F_{m,90,K}$	> 40 N/mm <sup>2</sup>	
Mean bending E-modulus	$E_{m,0,mean}$	> 8500 N/mm <sup>2</sup>	
Mean bending E-modulus	$E_{m,90,mean}$	> 2200 N/mm <sup>2</sup>	
Modulus of rigidity of panel shear	$f_{v,K}$	3,0 N/mm <sup>2</sup>	
Modulus of rigidity of panel shear	$G_{v,mean}$	300 N/mm <sup>2</sup>	
Strength of planar shear	$f_{r,K}$	0,5 N/mm <sup>2</sup>	
Modulus of rigidity of planar shear	$E_{r,mean}$	20 N/mm <sup>2</sup>	
Moisture Content	$H$	5 - 10 %	EN 322
Density	$P$	> 650 kg/m <sup>3</sup>	EN 323
Bonding Quality		Class 3	EN 314-2
Reaction to Fire		D-s2, do	ST RK 2138-2011 EN 13986:2004:A1:2015
Determination of dimensions			EN 324
Formaldehyde		E1	ST RK 2138-2011 EN 13986:2004+A1:2015
Water permeability	$Q$	70 Wet cup	200 Dry cup ST RK 2138-2011 EN 13986:2004+A1:2015
Airborne sound insulation	$dB$	NPD	
Sound absorption		NPD	
Thermal conductivity	$\lambda$	0,16 W (mk)	ST RK 2138-2011 EN 13986:2004+A1:2015
Embedment strength	$f_h$	NPD	
Air permeability	$f$	NPD	

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation and Metrology of the Ministry of Industry and New Technologies of the Republic of Kazakhstan under the sole responsibility of the manufacturer identified above.

Signed and on the behalf of the manufacturer by:

