

**DECLARATION OF PERFORMANCE
ACCORDING REGULATION (EC)
№ CPR - 14P-26/11-2017.07.20**

1	Unique identification code for product type	POPLAR WIRE MESH PLYWOOD 18 mm, 636-3 S
2	Intended use for construction product	Use as structural components in external applications in construction
3	Name, Registered trade name or registered trade mark and contact details of the manufacturer according requirements of Article 11 (5)	MaxPly™ Maxply Ltd. 2 Maritsa street 9118 Pchelnic village Varna, Bulgaria +359 52 30 56 51 info@maxply.eu www.maxply.eu
4	System/s of AVCP	System 2+
5	Harmonised standard	EN 13986:2004 + A1:2015
6	Notified body	NB 1871 - Center for testing and European certification
7. DECLARED PERFORMANCES:		
Essential characteristics		Performance
Bending strength		
- Lengthwise resistance		≥ 28 N/mm ²
- Crosswise resistance		≥ 30 N/mm ²
Bending stiffness (Modulus of Elasticity)		
- Lengthwise resistance		≥ 3200 N/mm ²
- Crosswise resistance		≥ 2900 N/mm ²
Characteristic bending strength (f _{m,k})		
- Lengthwise resistance		≥ 15 N/mm ²
- Crosswise resistance		≥ 20 N/mm ²
Mean bending stiffness (Modulus of Elasticity) (E _{m,mean})		
- Lengthwise resistance		≥ 3000 N/mm ²
- Crosswise resistance		≥ 2500 N/mm ²
Punching shear (for floors and roofs) as point load strength and point load stiffness		NPD
Racking resistance (for walls)		NPD
Impact resistance (for floors, roofs and walls)		NPD
Density, kg/m ³		650
Reaction to fire		D – s2, d0 (acc.to Table 8)
Water vapour permeability, μ		Wet cup – 85 (acc.to Table 9) Dry cup – 215 (acc.to Table 9)
Release of formaldehyde		E1
Release (content) of pentachlorophenol (PCP)		PCP ≤ 5 ppm
Airborne sound insulation (surface mass)		NPD
Sound absorption		NPD
Thermal conductivity (density)		λ = 0.16 W/(m×K) (acc.to Table 11)
Embedment strength		NPD
Air permeability		NPD
Durability, as:		
- Bonding strength		Class 3
- Internal bond		NPD

- Swelling in thickness	NPD				
- Moisture resistance	Class 3				
- Mechanical	Values of k_{mod} for type EN 636-3 (acc. EN 1995-1-1)				
	Permanent action	Long term action	Medium term action	Short term action	Instantaneous action
	0,50	0,55	0,65	0,70	0,90
	Values of k_{def} for type EN 636-3 (acc. EN 1995-1-1)				
	service class 1		service class 2		service class 3
	0,80		1,00		2,5
- Biological	NPD				
8. 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.					
Dimension tolerances according to EN 315	Length-Width: up to ± 3.5 mm				
	Squareness of panels: 1 mm/m				
Normal thickness according to EN 315	17.06 $\div$ 18.74 mm				
	On the same panel 0.6 mm				
Thickness tolerance	± 0.75 mm				

Signed for behalf of the manufacturer by:

Velimira Danailova
Managing director



Varna, Bulgaria
20.07.2017