

DEMIDOVO WIRE

Product info

The ultimate solution for trailer floors. Made from the highest quality materials, Demidovo Wire is designed to withstand heavy loads, making it the perfect choice for trailer flooring. Demidovo Wire is strong, durable, and resistant to wear and tear, ensuring that it will last for years to come. Its construction and high-quality finish provide excellent traction, helping to keep the cargo secure and in place during transport.

Base panel

Highest-quality selected 100% birch plywood cross-bonded using weather resistant glue.
Special lay-up available upon request.

Surface and edges

Faces: Dark brown phenolic film 120 g/m² or 220 g/m², imprinted mesh-pattern
Edge sealing: Water resistant acrylic paint.

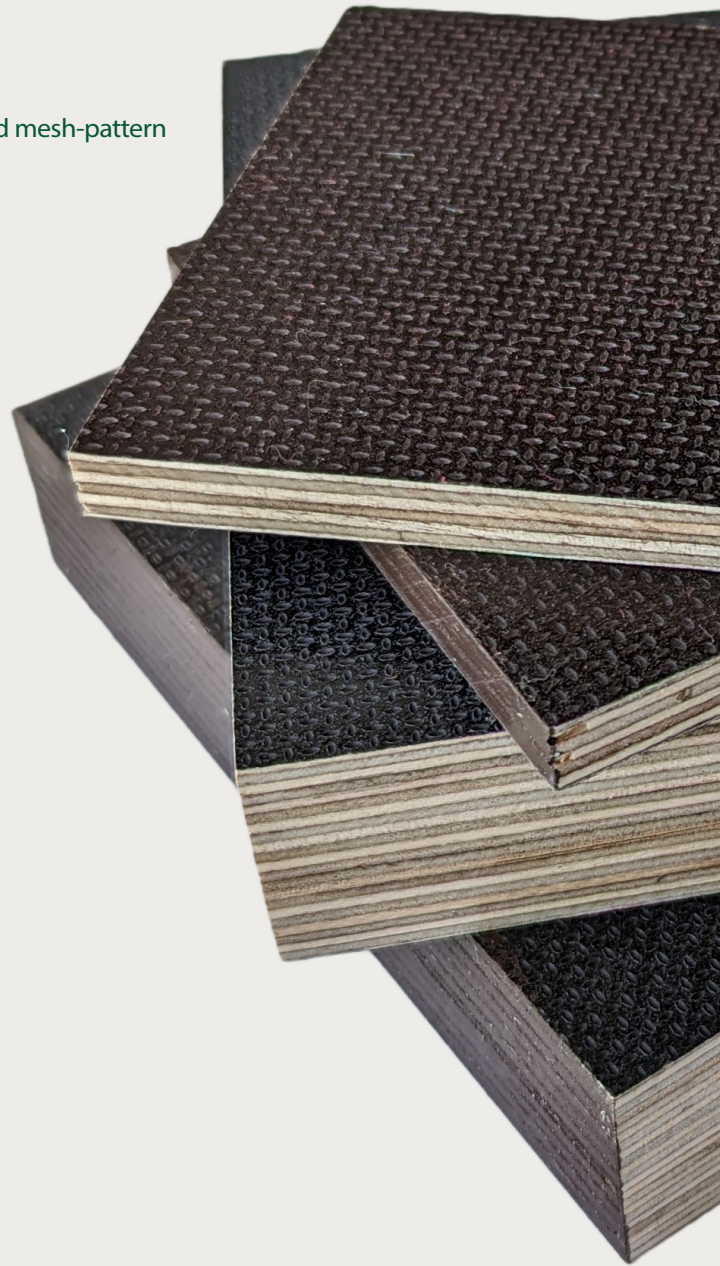
Panel size

1500/1525 x 2500/3000/3050 mm
Cut sizes available upon request
Size tolerance (length/width) ±1mm per meter
Squareness tolerance ±1mm per meter length of diagonal

Constructions and thicknesses

Nominal thickness (mm)	Number of plies	Thickness (mm)	
		Min	Max
6.5	5	6.1	6.9
9	7	8.4	9.5
12	9	11.5	12.5
15	11	14.3	15.5
18	13	17.1	18.7
21	15	20.0	21.7
24	17	23.0	24.3
27	19	25.8	27.2
30	21	28.1	29.9

Moisture content 8-12 %.



Website: www.demidovo.com
Email: sales@demidovo.com
Phone: +7 985 7766996
Telegram, WhatsApp: +1 917 9858525

Applications

For automotive industry, Demidovo Wire provides a durable and slip-resistant surface that can withstand heavy loads and frequent use. For terraces, it offers weather resistance, durability, and aesthetic look, making it the perfect choice for any outdoor setting. And for concert stages, Demidovo Wire is a reliable and sturdy foundation that can withstand the demands of even the most intense performances.

Mechanical properties

No.	Nominal thickness [mm]	Bending strength				Shear strength			
		Fibre dir. of the outer veneer				Boiling/storage cycle		Cold water	
		parallel		perpendicular					
		X N/mm ²	V %	X N/mm ²	V %	X N/mm ²	V %	X N/mm ²	V %
1	6.5	86.04	12.09	64.22	6.69	1.10	20.31	1.09	11.82
2	18	62.97	7.47	61.49	11.50	1.92	14.58	2.16	10.37
3	30	67.54	5.88	69.80	6.60	1.44	14.88	1.62	11.27
1-3		72.18		65.17		1.49		1.62	
Limit DIN68705-3		≥40.0		≥15.0		≥1.00		≥1.00	

Mean values (X) and coefficient of variation (V) of bending strength and shear strength

Wearability test

No.		Number of rounds			
		Sample 1	Sample 2	Sample 3	Mean value
3022/1 smooth	IP	325	275	325	
	FP	600	575	600	
	WR	463	425	463	450
3022/2 smooth	IP	400	300	325	
	FP	700	650	600	
	WR	550	475	463	500
3022/3 smooth	IP	400	250	300	
	FP	700	650	600	
	WR	550	450	450	500

IP=initial point of abrasion, FP = final point of abrasion, WR = behavior under abrasion (IP+FP)/2