

DEMIDOVO FORM

Product info

Engineered for strength and durability, Demidovo Form provides a smooth surface finish and is easy to handle and assemble. Available in a range of thicknesses and sizes, Demidovo Form is a cost-effective option for all types of formwork systems.

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.
Edge sealing: Water resistant acrylic paint.

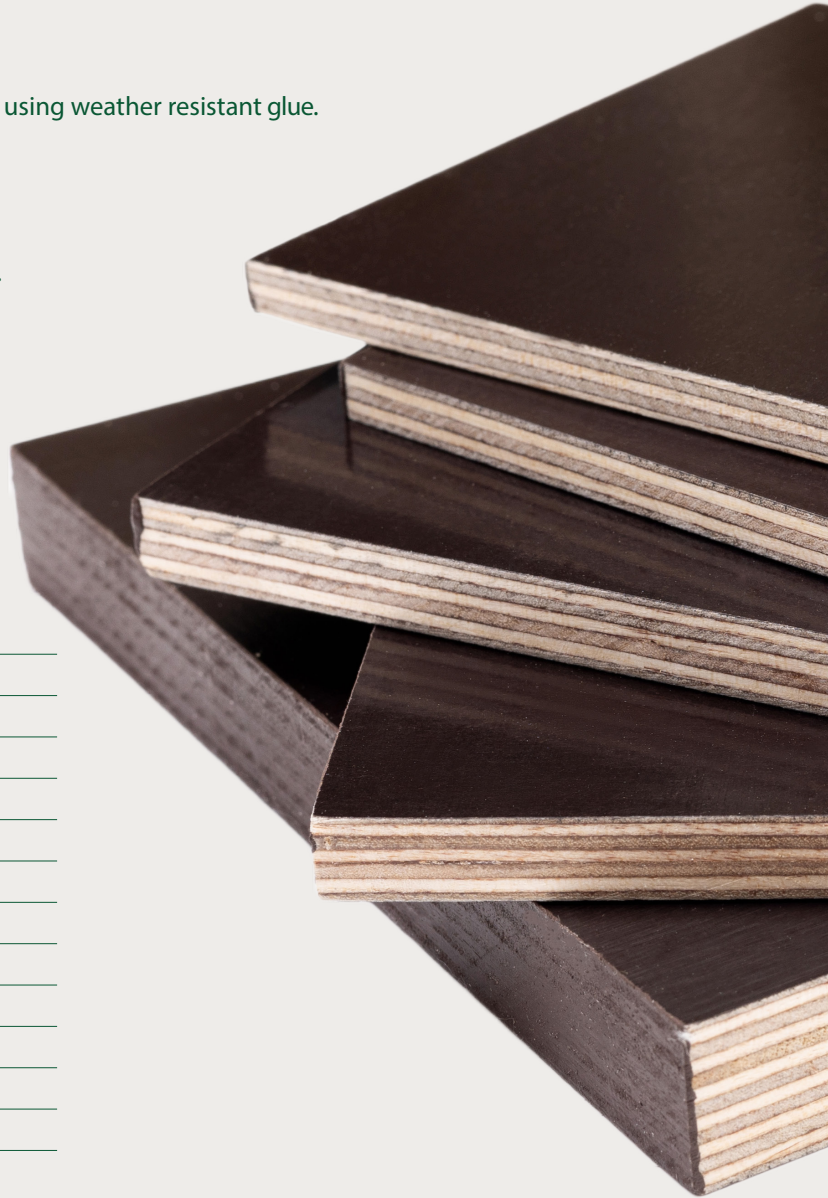
Panel size

500/1200/1500/1525 x 2700/3000/3050 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
4	3	3.7	4.3
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

Reuses

Typical number of reuses of Demidovo Form is likely to be in the range of 30 – 80 times. However, this will vary according to many different factors including good site practice, required concrete finish, amount of care taken when compacting the concrete, handling and storage of the forms, type and quality of release agent.

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