

# RECYCLED GREYBOARD 350-900 g/m<sup>2</sup>

## DATA SHEET

MP1 paper machine produces greyboard from 350g to 900g. Greyboard from MP1 is made by combining few layers of board together, which positively affects its strength. Sheets can be used as pallet pads, in the packaging industry and for the production of archive folders and angles.

### Recycled greyboard sheets:

Grammage:	350 - 900 g/m <sup>2</sup>
Standard size:	700 x 1000 mm 800 x 1200 mm
Max. size:	1700 x 2000 mm

### Storage conditions of grayboard and recycled paper.

Grayboard and paper should be stored in original packaging, on pallets. In addition to the proper packaging, grayboard and paper should be stored in storage rooms that meet the appropriate conditions. The rooms should be dry, airy, insulated from odors, with air temperature not less than 4°C and not more than 24°C, humidity around 60%. For heated and humidified warehouses, storage at 18-22 C and relative humidity of 45-60% is recommended. Storage conditions must protect the goods against moisture, dirt, damage and direct sunlight. In addition, do not remove the pallet packaging until the packed goods reach the same temperature as in the room where it will be processed. The recommended acclimatization time is 10h for temperature difference of 10°C, 30h for difference of 20°C and 55h for a difference of 30°C.



**WARTER**  
cardboard

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PROPERTIES	UNIT	REQUIREMENTS									
Grammage (±5%)	g/m <sup>2</sup>	350	400	450	500	560	630	710	800	900	
Grammage tolerance	%	(±5%)									
Thickness	mm	0,55	0,60	0,65	0,70	0,85	0,90	1,10	1,20	1,30	
Thickness tolerance	%	(±5%)									
Moisture	%	no more than 10%									
Sheet dimensions	mm	max. 1700x2000									
Permissible deviations of dimensions	mm	length +/-5 width +/-2									
Surface		smoothness: one-sided									
Permissible deviations of the sheet's rectangularity	mm	± 3									
Bursting strength   Mullen test clamping force 690 kPa	kPa	390		470		590		690			
Unacceptable defects		uneven trimming, folds, cuts, creases, delamination, dirt									

Required parameters of tensile strength for individual substances.

Substance	Tensile strength (breaking capacity) requirements according to the plant standard			
	Lengthwise MD	Breaking force	Crosswise CD	Breaking force
g/m <sup>2</sup>	kN/m	N	kN/m	N
375	9,0	450	5,0	250
400	9,0	450	5,0	250
450	12,0	600	6,0	300
500	12,0	600	6,0	300
560	14,0	700	7,0	350
630	14,0	700	7,0	350
710	14,0	700	7,0	350
800	19,0	950	10,0	500
870	19,0	950	10,0	500



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