

Technical Data Sheet 5.11.2020

SOFTBOARD ,PRODUCED IN THE WET PROCESS

SB type, manufactured in acc. with the PN-622-1; 622-4 standard

STANDARD DIMENSION:

1200/1220/ 1830/2200/ 2440/2700/ 2750/ 3050 mm

THICKNESS: 5,0-25,0 mm

Technical and mechanical properties:

Parametr:	Value for nominal thickness range [mm]:		
	≤10,0	10-19	≥19
Density [kg/m ³]	230-250		
Static bending strength [N/mm ²]	> 0,9	>0,8	> 0,8
Swelling after 2 h water soaking [%]	< 10,0	< 10,0	< 10,0
Fire reaction acc. EN 13 501-1	E		
Class of formaldehyde	E1		
Emission of formaldehyd acc. EN 717-1	0,024ppm		
Thermal conductivity λ _D [W/mK]	0,05		
Steam diffusion resistance factor μ	2,0 (high air humidity) 5,0 (low air humidity)		
Sound absorption coefficient	0,10 (250-500Hz) 0,30 (1000-2000Hz)		
Thickness tolerance [mm]	+/-0,7	+/-1,2	+/-1,8
Tolerance lenght/width/squareness [mm/m]	+/- 2,0 /2,0 /1,5		
Humidity contents [%] (*)	4-9		

* humidity level for boards when leaving the factory