

## Technical data sheet

### Particle boards type P2 E1

Technical characteristics	Unit	Thickness [mm]					Standard	
		>6+13	>13+20	>20+25	>25+32	>32+40		
<b>General requirements</b>								
1	<b>Density</b>	kg/m <sup>3</sup> ± 10 %	720	670	650	630	620	EN 323
2	<b>Tolerance of thickness</b>	mm	± 0.3					EN 324-1 EN 14323
3	<b>Tolerance on length and width</b>	mm/m	± 5					EN 324-1 EN 14323
4	<b>Squareness tolerances</b>	mm/m	2					EN 324-2 EN 312
5	<b>Edge straightness tolerance</b>	mm/m	1,5					EN 324-2 EN 312
<b>General requirements – mechanical properties</b>								
6	<b>Bending strength</b>	N/mm <sup>2</sup>	≥ 11	≥ 11	≥ 10.5	≥ 9.5	≥ 8.5	EN 310 EN 312
7	<b>Modulus of elasticity in bending</b>	N/mm <sup>2</sup>	≥1800	≥1600	≥1500	≥1350	≥1200	EN 310 EN 312
8	<b>Internal bond</b>	N/mm <sup>2</sup>	≥ 0.40	≥ 0.35	≥ 0.30	≥ 0.25	≥ 0.20	EN 319 EN 312
9	<b>Surface soundness</b>	N/mm <sup>2</sup>	> 0.8					EN 311 EN 312
10	<b>Formaldehyde release – E1</b>	mg/100g	≤ 8					EN 12460-5 EN 312
11	<b>Moisture content</b>	%	5 ± 13					EN 322 EN 312

  
 Commercial Director  
 Nikolay Bankov

Approved by

  
 Production Director  
 Radovan Cahá

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Prepared by: M.Pachikova – laboratory manager