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Suppliers of products manufactured in an Integrated management system –quality-environment-WHS

TECHNICAL DATA SHEET

PARTICLE BOARD P2 E1

Board type P2 in line with EN-312 Particleboards. Specifications

No	Mechanical properties and General Tolerancas	TEST Method	UNIT	Requirement				
				Thickness range (mm,nominal)				
				≥8 to 13	>13 to 20	>20 to 25	>25 to 32	>32 to 40
1	Tolerances on nominal dimensions -Thickness (sanded) within and between boards	EN 324-1	mm	± 0.3				
	-Length and width		mm	± 5				
2	Edge straightness tolerance	EN 324-2	mm	≤1.5mm per m				
3	Squareness tolerance	EN 324-2	mm	≤2mm per m				
4	Moisture content	EN 322	%	5-13 %				
5	Tolerances on the mean density within a board	EN 323	%	± 10				
6	Density	EN 323	kg/m3	≥670	≥660	≥640	≥620	≥610
7	Bending strength	EN 310	N/mm2	11	11	10.5	9.5	8.5
8	Modulus of elasticity in bending	EN 310	N/mm2	1800	1600	1500	1350	1200
9	Internal bond	EN 319	N/mm2	0.4	0.35	0.3	0.25	0.2
10	Surface soundness	EN 311	N/mm2	0.8	0.8	0.8	0.8	0.8
11	Formaldehyde release according to EN 13986 -Class E1 Perforator value	EN 120	mg/100g	max 8mg/100g oven dry board				

NOTE The values are characterised by a moisture content in the material corresponding to a relative humidity of 65% and a temperature of 20 °C.

Application:Base particle board for interior fitmens(including furniture)for use in dry conditions.

Delivery dimensions (mm) (length and width)
 1830 - 3660
 2070 -2800
 2100 - 2800

For more detailed information contact our technical department

Elaborated
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