

Interforest

Melamine Faced Chipboard on P2 particleboard technical data sheet

property	test method	unit of measure	SM'art MFC		
surface defects	EN 14323	mm ² /m ² mm/m	≤ 2 ≤ 20		
scratch resistance	EN 14323	N	≥ 1,5		
stain resistance	EN 14323	level	≥ 3		
cracking resistance	EN 14323	level	≥ 3		
wear resistance	EN 14323	Taber revolution	Class	IP	WR
			1	< 50	< 150
			2	≥ 50	≥ 150
			3A	≥ 150	≥ 350
			3B	≥ 250	≥ 650
thickness tolerance one decorative side only two decorative sides	EN 14323	mm	< 15 mm	15 mm to 20 mm	> 20 mm
			+/- 0,3	+/- 0,3	+/- 0,3
			+/- 0,5	+/- 0,5	+/- 0,5
size tolerance	EN 14323	mm	+/- 5		
flatness	EN 14323	mm/m	≤ 2		
edge damage	EN 14323	mm	≤ 10		
squareness	EN 14323	mm/m	≤ 2		
density	EN 323	thickness Kg/m ³	8 - 13 mm	14 - 20 mm	20 - 25 mm
			670 +/- 7 %	650 +/- 7 %	640 +/- 7 %
tear resistance	EN 319	thickness N/mm ² minimum	8 - 13 mm	14 - 20 mm	20 - 25 mm
			0,40	0,35	0,30
flexion resistance	EN 310	thickness N/mm ² minimum	8 - 13 mm	14 - 20 mm	20 - 25 mm
			11	11	10,5
elasticity module	EN 310	thickness N/mm ² minimum	8 - 13 mm	14 - 20 mm	20 - 25 mm
			1800	1600	1500
screw extraction from the surface	EN 320	N	700 +/- 10 %		
screw extraction from the side	EN 320	N	400 +/- 10 %		
swelling after 2 h	EN 317	%	16		
humidity	EN 322	%	5 - 13		
formaldehyde content	EN 12460-3	mg/100g	E1		
on demand	ASTM E1333-96	ppm	Carb 2	< 0,09 ppm	
fire reaction on demand	EN 13501		D-s2, d0 B-s2, d0		

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