

SM'art Thermo Fused Texture on P2 particleboard technical data sheet

property	test method	unit of measure	SM'art TFT on P2 Particleboard		
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		
steam resistance	EN 14323	level	≥ 4		
cracking resistance	EN 14323	level	≥ 3		
wear resistance	EN 14323 printed decors unicolors	Taber revolution	Class	IP	WR
			1	< 50	< 150
			3A	≥ 150	≥ 350
thickness tolerance one decorative side only two decorative sides	EN 14323	mm	< 15 mm +/- 0,3 +/- 0,5	15 mm to 20 mm +/- 0,3 +/- 0,5	> 20 mm +/- 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		thickness Kg/m ³	raw chipboard > 600kg/m ³		
tear resistance	EN 319	thickness N/mm ² minimum	8 - 13 mm 0,40	14 - 20 mm 0,35	20 - 25 mm 0,30
flexion resistance	EN 310	thickness N/mm ² minimum	8 - 13 mm 11	14 - 20 mm 11	20 - 25 mm 10,5
elasticity module	EN 310	thickness N/mm ² minimum	8 - 13 mm 1800	14 - 20 mm 1600	20 - 25 mm 1500
swelling after 2 h	EN 317	%	16		
humidity	EN 322	%	5 - 13		
formaldehyde content	ISO12460-3 ASTM E1333-96	mg/m ² h mg/m ² h ppm	MAXIMUM REQUIRED ACTUAL SM'art Carb 2		3,5 0,1 < 0,09 ppm
fire reaction on demand	EN 13501		D-s2, d0 B-s2, d0		

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