

## SM'art Thermo Fused Texture on Euroclass B particleboard technical data sheet

property	test method	unit of measure	SM'art TFT on Euroclass B Particleboard		
surface defects	EN 14323	mm <sup>2</sup> /m <sup>2</sup> 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 <sup>3</sup>	raw chipboard > 600kg/m <sup>3</sup>		
tear resistance	EN 319	thickness N/mm <sup>2</sup> minimum	8 - 13 mm 0.40	14 - 20 mm 0.35	20 - 25 mm 0.30
flexion resistance	EN 310	thickness N/mm <sup>2</sup> minimum	8 - 13 mm 11	14 - 20 mm 11	20 - 25 mm 10.5
elasticity module	EN 310	thickness N/mm <sup>2</sup> minimum	8 - 13 mm 1800	14 - 20 mm 1600	20 - 25 mm 1500
swelling after 24 h	EN 317	%	16		
humidity	EN 322	%	5 - 13		
formaldehyde emission	EN717-1 EN717-1 ASTM E1333-96	mg/m <sup>3</sup> ppm ppm	E05 E05 Carb 2	required < 0,062 < 0,050 < 0,090	actual 0.007 0.006 0.006
fire reaction	EN 13501		B-s1, d0		