

## Technical data sheet SM'art Melamine faced boards on DWELS core

property	test method	measure of unit	SM'art Melamine on DWELS core		
surface defects		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	
light resistance	EN 14323	blu lana scale		≥ 6	
cracking resistance	EN 14323	level		≥ 3	
wear resistance	EN 14323	Taber revolutions	Class	IP	WR
			1	< 50	< 150
			2	≥ 50	≥ 150
			3A	≥ 150	≥ 350
			3B	≥ 250	≥ 650
thickness tolerance tow sides decor	EN 14323	mm		18 mm +/- 0,7	
size tolerance	EN 14323	mm		+/- 5	
planarity	EN 14323	mm/m		≤ 2	
squareness	EN 14323	mm/m		≤ 2	
damaged edges	EN 14323	mm		≤ 10	
density	EN 323	thickness Kg/m <sup>3</sup>		18 mm 540 +/- 10 %	
thickness swelling after 24 hours	EN 317	% maximum		8	
tear resistance	EN 319	thickness N/mm <sup>2</sup> minimum		18 mm 0,35	
resistenza alla flessione	EN 310	thickness N/mm <sup>2</sup> minimum	principal axe secondary axe	18 mm 18 13	
elasticity module	EN 310	thickness N/mm <sup>2</sup> minimum	principal axe secondary axe	18 mm 3600 2200	
screw extraction from the face	EN 320	N minimum		1200	
screw extraction from the side	EN 320	N minimum		800	
formaldehyde content	EN 120		E1 no added formaldehyde		
fire reaction on demand	EN 13501			D-s2, d0 B-s2, d0	