










**TECHNICAL STANDARDS FOR VINYL TILE - Loose lay format, 5mm**

Standard	EN and ASTM Standards	Result
Wear Group 	EN 685	Class 34,43
Caster Chair	ASTM D6962	(10,000 cycles) 4.5 (scale 1-5)
Slip Resistance 	ASTM D2047 DIN 51130 EN 13893	ADA Compliant R10 ≥ 0.3
Residual Indentation 	EN 433 ASTM F970 ASTM F1914-98	0.07mm (250 lbs.) 0.003in (residual indentation at 75 lbs.) -0.002in
Chemical Resistance 	ASTM F925 EN 423	Excellent Excellent
Acoustical Impact Noise Reduction 	EN ISO 717-2 ASTM E492-09	22dB IIC 46
Color Fastness 	ASTM F1515 ISO 105-B02-3	Exceeds requirements ≥6
Dimensional Stability 	ASTM F2199 EN 434	Exceeds requirements ≤ 0.25%
Flexibility 	ASTM F137 EN 435	Pass Pass
Smoke Generation	ASTM E662	>450
Fire Rating 	ASTM E648 DIN 4102 EN 13501-1	Class 1 B 1 B <sub>fl</sub> -s1