

PRODUCT TECHNICAL SPECIFICATION

Product	Structured®
Construction	Layed Vinyl Plank
Wear Layer	0.5mm High performance Urethane finish with Aluminium Oxide
Overall Thickness	5mm

PERFORMANCE

Attributes	Standard			
	EN	Result	ASTM	Result
Size	EN 427	Pass	ASTM F536	Pass
Overall Thickness	EN 428	Pass	ASTM F386	Pass
Wear Layer Thickness	EN 429	Pass	ASTM F410	Pass
Dimension Squareness & Straightness	EN 427	Pass, Squareness: 0.18mm Pass, Squareness: 0.07mm	ASTM F925, ASTM F1344	Pass
Chemical Resistance	EN 423	Pass	ASTM F1515	Pass
Colour Fastness to Artificial Light	EN 20105: B02 Method A	Pass, ≥Grade 6	ASTM F1514	Pass
Castor Chair Suitability	EN 425	Pass	ASTM F1914, ASTM F970	Pass
Residual Indentation	EN 433	Pass, 0.06mm	ASTM F510, ASTM D3384	Pass
Abrasion Group	EN 660-1/2	Group T	ASTM F1265, ASTM D2632	Pass
Impact Resistance			ASTM F2199	Pass, 0.1%
Dimensional Stability	EN 434	Pass		
Sound Reduction	EN ISO717-2(▲ Lw)	2dB	ASTMF137	Pass
Flexibility	EN 435 Method A	Pass	ASTM D2047 - 93	Pass
Slip Resistance	EN 13893	Class DS	ASTM F150-06	Pass
Electrical Resistance	EN 1081 Method C	Pass		
Thermal Resistance	EN 12664	Pass		
Toxic Element Test Behavior to Fire	EN 71-3 EN ISO 11925-2	Pass. Not toxic. Does not contain heavy metal & formaldehyde		
Smoke Density	EN13051-1, EN ISO 9239-1	Bf-S1	ASTM E648-06 ASTM E662	Pass/Class 1 Pass < 450