

SmartCore



Description:	Standard:	Results
Total thickness	ASTM F386-11	Nominal: 5.0mm Measured: 5.1mm Tolerance: 0.01mm
Wear layer	EN428/ENISO24340	0.30mm
Plank size	EN427	228x1220mm
Flexibility	ASTM F 137-13 EN435	Pass No crack or break
Squareness	ASTM F2055-10	≦ 0.24mm
Surface treatment	-	Urethane Ceramic Bead
Number of planks per package	-	8

Classification:	Standard:	Results
Performance classification	EN685/EN ISO 10874 ASTM F 1700	31 Commercial Heavy 23 Domestic Heavy Class III Type B
Slip resistance	EN 13893 DIN 51130 ASTM C- 1028	Class DS R9 Dry: 0.87 Wet: 0.69
Static co-efficient friction	ASTM D2047-11	Dry: 0.42 Wet: 0.69

Performance:	Standard:	Results
Wear resistance	ASTM D4060-14	Type of wheels: CS-17 Vertical force used: 1000g Revolution: 1000r Mass loss: 128mg Wear index: 0.125
Static load	ASTM F-970-07 (R2011)	0.01mm
Resistance to light	EN ISO 105- B02 ASTM F-1515-13	≧ 6 E*=1.61
Dimensional stability	EN434 ASTM F 2199-09	≧ 0.1% 0.37/178mm
Resistance to impact	ASTMF 1265 -03 (R2013)	No crack
Residual indentation	EN433 ASTM F 1914-11	≧ 0.05mm <4%
Abrasion resistance	EN 660-2 ASTM 3389	Group T Pass Wear index: 0.128
Resistance to heat	ASTM F 1514-13	E =0.34
Reaction to fire	EN 13501-1 ASTM E-648-06	Bfl -S1 Class 1
Smoke density	ASTM E662	Pass
Chemical resistance	ASTM F925-13	Pass, no more than a slight change in surface dulling, surface attack or staining
Castor chair suitability	EN 425 NALFA/ANSI LF-11	Pass, no visible damage after 25000 revolution
VOC emissions	FloorScore DIBT	Certified Certified

CE Marking		
	EN 14041	