



**WPC FLOOR  
Technical Data  
Sheet**

Item	EN Norms	Test Requirement	ASTM Norms	Result	Verdict	Remark
Thickness		7.5MM	ASTM F386-11	Nominal:7.49mm Measured:7.50mm Tolerance:0.01mm	Pass	Requirement is cited from ASTM F1700-13a Table 2
Wear Resistance			ASTM D4060-14	Tpye of wheels:CS-17 Vertical force used: 1000g Revolution: 1000r Mass loss: 44mg index: 44	Wear	
Static coefficient friction			ASTM C1028-07e1	Dry: 0.87 Wet: 0.69		
Castor Chair Test			NALFA LF 01-2011 section 3.9	After 25,000 revolutions, No cracks appeared		
Resistant to impact			ASTM F1265-03(R2013)	Steel cylinder weight:158g Steel cylinder Diameter: 25.4mm Drop height: 2m Observation: no cracks		
Size		Nominal: Length: 1220mm	ASTM F2055-10	±0.016in./ft(0.4mm/305mm)	Pass	Requirement is cited from ASTM F1700-13a Table 2.
Squareness		Squareness: Long edge: Max.0.10mm/1219mm Short edge: Max.0.03mm/225mm	ASTM F2055-10	Maximum 0.010in.(0.25mm)	Pass	Requirement is cited from ASTM F1700-13a Table 2.
Resistance to Chemical		See Appendix B for details	ASTM F925-13	No more than a slight change in surface dulling, surface attack or staining	Pass	Requirement is cited from ASTM F1700-13a Table 2.
Resistant to Heat		ΔE*=0.34	ASTM F1514-13	ΔE* shall not greater than 8.0 after 7 days exposure to 70 °C	Pass	Requirement is cited from ASTM F1700-13a Table 2.
Resistant to Light		ΔE*=1.61	ASTM F1515-13	ΔE* shall not greater than 8.0 after 300h exposure	Pass	Requirement is cited from ASTM F1700-13a Table 2.
Dimensional Stability		MD Max: - 0.37mm/178mm CMD Max: - 0.32mm/178mm	ASTM F2199-09 modified			The test temperature was 70 °C specified by the applicant.
Residual Indentation		Average: 3.7% Max: 4.4%	ASTM F1914-11	Average<=8% Max<=100%	Pass	Requirement is cited from ASTM F1700-13a Table 2.
Static load		Average: 0.01mm	ASTM F970-07(R2011)			