

ASTM STANDARDS (USA)

ITEM	STANDARD	RESULT
Hardness	ASTM D1037-6a (Janka Ball)	3562 lbf (15.8kN)
Density	ASTM D1037-06a, Clause 37	1.13g/cm3
Dimensional Stability (Average RH)	ASTM D1037 AR -50% RH	Parallel/Perpendicular/Thickness Swell 0.04%/-0.11%/-0.34%
Dimensional Stability (High RH)	ASTM D1037 50 -90% RH	Parallel/Perpendicular/Thickness Swell 0.05%/0.26%/0.46%
Dimensional Stability (Low RH)	ASTM D1037 50 -20% RH	Parallel/Perpendicular/Thickness Swell -0.13%/-0.23%/-0.17%
Smoke Density	ASTM E 662 Maximum in Flaming mode/ non-Flaming mode	237/ 207
Abrasion Resistance	ASTM D4060-07	Weight loss (500 cycles) 8mg; Wear Index 15mg per 1000 cycles
Scratch Resistance	ASTM D5582-00	5H
Slip Resistance	ASTM D2394-05	Static coefficient of friction/Sliding Coefficient of friction 0.56/ 0.39
Stain Resistance	ASTM D3023-98 (reap. 2003)	No graying, spotting, wrinkling, discolouration after washing
Formaldehyde Emissions	ASTM D6007-02, UV Vis	0.05ppm (Compliant with P2 requirement acc. Section 93120.2 Title 17, California Code of Regulation)

EN STANDARDS (EUROPE)

ITEM	STANDARD	RESULT
Abrasion Resistance	EN 13329 Annex E	Average IP value - 300
Scratch Resistance	ISO 1518-92	> 1000g
Slip Resistance	DIN 51130	R9
Stain Resistance	EN 423:2001	Index 0, Not affected
Formaldehyde Emissions	EN 717-2:1995	0.5mg/m2h (E1)



Member
National Wood Flooring Association