

Spec 5 LVT

Technical Data

7"x48" Planks / 5-mm overall thickness / 20-mil wear layer with DiamondTech protective coating

Test Description	Test Standard	Result Grade - Test data
Reaction to fire	EN 13501-1+A1	Bfl-S1
Emission of formaldehyde	EN 717-1	Class E1
Slipperiness (Dynamic coefficient of friction)	EN 13893	DS
Wear resistance	EN 660-2:1999+A:2003 & EN 649:2011	Wear group T
TVOC	CDPH/EHLB Standard Method v1.2-2017 (California Section 01350)	Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0
Flammability (Critical Radiant Flux)	ASTM E648-17a	Class I - 1.00 Watts/cm ²
Flexibility	ASTM F137-08	No Breaks or Cracks
Dimensional Stability (after exposure to heat)	ASTM F2199	(-) 0.012" Length, (-) 0.006" Width (3/0.5) (-) 0.007" Length, (-) 0.006" Width (5/0.5)
Static Load Limit (conducted at 1000 lb)	ASTM F970-17	Residual Indentation : 0.003" (3/0.5), 0.005" (5/0.5)
Short-Term Indentation & Residual Indentation	ASTM F1914-17	Difference : 0.011" (3/0.5), 0.018" (5/0.5)
Static Coefficient of Friction	ASTM D2047-11	Arithmetic Ave 0.72 (3/0.5), 0.80 (5/0.5)
Light Stability (after 400 hours)	ASTM F1515-15	2.50Δ Delta E (3/0.5), 1.00Δ Delta E (5/0.5)
Chemical Resistance	ASTM F925	no change (5/0.5)
Heat Stability	ASTM F1514-03	1.06Δ Delta E (3/0.5), 1.22Δ Delta E (5/0.5)
Size & Squareness	ASTM F2421-05 (was utilized instead of ASTM F2055)	Pass
Overall Thickness	ASTM F386-17	Pass
Wear Layer Thickness	ASTM F410-08	0.0186"