



Luxury Vinyl Plank
Technical Data Sheet
 Specification: 3.0mm, 7" x 48" plank, 0.5mm / 20mil wear layer
 without Fibreglass

Test Description	Test Standard	Result Grade - Test Data
Construction Installations		Glue down Luxury Vinyl Plank
Product finish		PU wear layer with option to add ceramic beads and UV / antimicrobial coatings. Non-registered emboss: Mild, Semi-Wild and Wild
Weight per carton		38lbs / 17.23kg's
Square foot per carton		35 s/f
Pieces per carton		15 pieces per carton
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/cm2
Flexibility	ASTM F137-08	No Breaks or Cracks
Chemical Resistance	ASTM F925	no change
Size & Squareness	ASTM F2421-05 (was utilized instead of ASTM F2055)	Pass - ± 0.016 " per linear foot
Overall Thickness	ASTM F386-17	Pass - ± 0.005 "
Wear Layer Thickness	ASTM F410-08	Pass
Dimensional Stability (after exposure to heat)	ASTM F2199	Length 0.11%, Width 0.09%
Residual & Short Term Indentation	ASTM F1914-17	Pass - Difference 0.018"
Static Load Limit (conducted at 1000 lb)	ASTM F970-17	Residual Indentation : 0.003"
Static Coefficient of Friction	ASTM D2047-11	Arithmetic Ave 0.80
Light Stability (after 400 hours)	ASTM F1515-15	Delta E 2.71 ($\Delta E^* < 8$)
Heat Stability	ASTM F1514-03	Delta E 1.17 ($\Delta E^* < 8$)
Floor Score Certification		Certified
Country of Manufacture		South Korea (ROK)



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