



LUXURY VINYL FLOORING

Luxury Vinyl Plank

Specification: 4.0mm x 9" x 48" plank, 0.5mm / 20mil wear layer

Anti-Slip SafeStep® Coating and StableCore® Fibreglass Sheet

IIC Rating 56 / STC Rating 53

Test Description	Test Standard	Result Grade — Test Data
Construction Installations		Commercial grade loose-lay or glue down luxury Vinyl Plank
Product Finish		PU wear layer coated with a UV varnish embedded with ceramic bead and an antimicrobial ingredient. Regular emboss.
Weight Per Carton		44.7lbs / 20.28kg
Square Foot Per Carton		30 s/f
Pieces Per Carton		10 Pieces per carton
Preferred Adhesives		Taylor Dynamics Uzin KE 39 TPS Mapei Ultrabond ECO 399
Reaction To Fire	EN 13501-1+A1	Bfl-S1
Emission Of Formaldehyde	EN 717-1	Class E1
Slipperiness (Dynamic Coefficient of Friction)	ASTM E303	Classification P4 – SRV Pendulum Mean BPN 47
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
Dimensional Stability (After Exposure to Heat)	ASTM F2199	(-) 0.007" Length, (-) 0.006" Width
Residual & Short-Term Indentation	ASTM F1914-17	Pass - Difference 0.018"
Static Load Limit (Conducted At 1000lbs)	ASTM F970-17	Residual Indentation: 0.005"
Static Coefficient of Friction	ASTM D2047-11	Arithmetic Ave 0.80
Light Stability (After 400 Hours)	ASTM F1515-15	1.00Δ Delta E
Chemical Resistance	ASTM F925	No Change
Heat Stability	ASTM F1514-03	1.22Δ Delta E
Size & Squareness	ASTM F2421-05 (was utilized instead of ASTM F2055)	1.22Δ Delta E
Overall Thickness	ASTM F386-17	Pass - ± 0.005"
Wear Layer Thickness	ASTM F410-08	Pass
Floor Score Certification		Certified
Country Of Manufacture		South Korea (ROK)



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Excelsior Luxury Vinyl Plank Construction

Wear Layer embedded with Ceramic Beads,
UV and Antimicrobial Coating

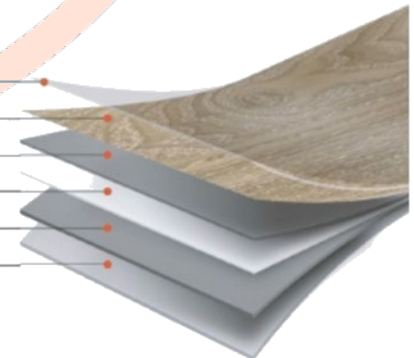
Design Layer

Top Vinyl Layer

Fiberglass Sheet

Middle Vinyl Layer

Balancing Vinyl Layer



Warranty

25 Years Residential Limited Warranty

15 Years Commercial Limited Warranty