

Excelsior

Luxury Vinyl Plank
Technical Data Sheet
 Specification: 5.0mm, 7" x 48" plank, 0.5mm / 20mil wear layer
 IIC Rating 56 STC Rating 60

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 embedded with ceramic beads and a UV / antimicrobial coating Non-registered emboss : Mild, Semi-Wild and Wild
Weight per carton		41.6 lbs / 18.9 kg's
Square foot per carton		23.33 s/f
Preferred Adhesives		Roberts 6300 (Recommended)
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
Dimensional Stability (after exposure to heat)	ASTM F2199	(-) 0.0039" Length, (-) 0.0037" Width
Residual & Short Term Indentation	ASTM F1914-17	Pass - Difference 0.018"
Static Load Limit (conducted at 1000 lb)	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)	Pass - ± 0.016" per linear foot
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)



excelsiorflooring.com

Wear Layer embedded with Ceramic Beads,
UV and Antimicrobial Coating

Design Layer
 Top Vinyl Layer
 Fiberglass Sheet
 Middle Vinyl Layer
 Balancing Vinyl Layer

