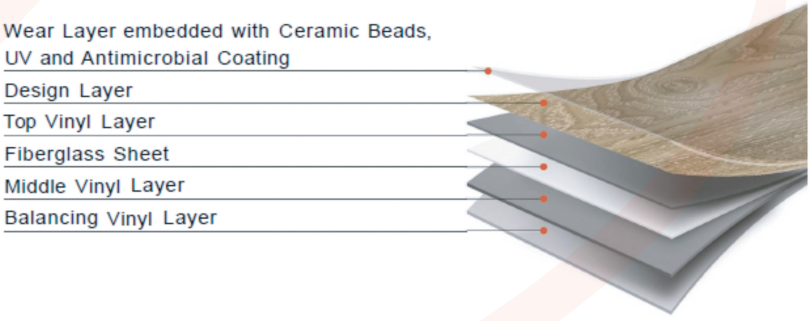
Excelsior

Luxury Vinyl Plank
Technical Data Sheet
Specification: 4.5mm, 7”x 48” plank, 0.5mm / 20mil wear layer
IIC Rating 55 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 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	(-) 0.007" Length, (-) 0.006" 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)

ISO 9001:2015 ASTM floor score ISO 14001:2015

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