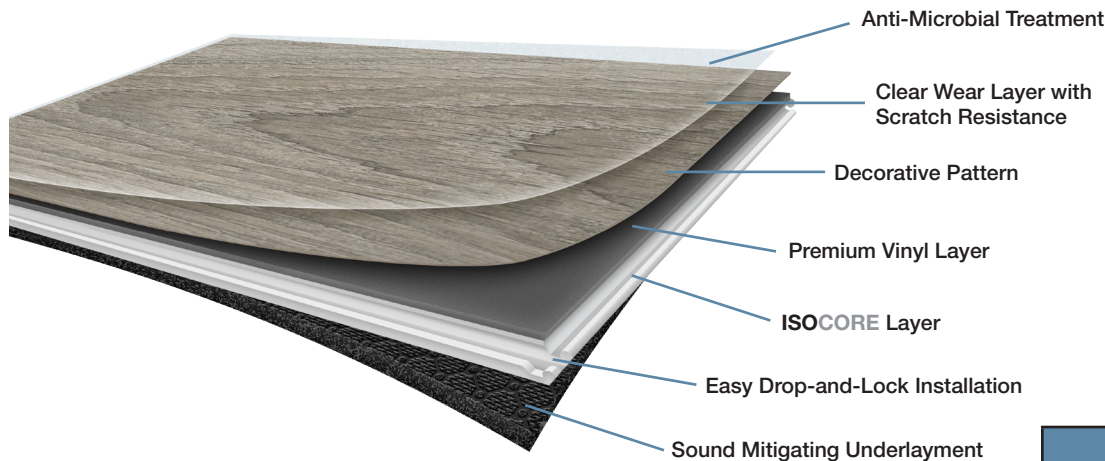


Technical Data Sheet



Product Information
For Light Commercial & Residential Use
Warranty: Lifetime Residential - 5-Year Commercial

Product Type	Wide Plank
Size	8.66" x 47.64"
Pieces/Carton	7 Pieces
Coverage/Carton	20.06 Sq. Ft. (1.86 Sq. M.)

STANDARDS - SAFETY & PERFORMANCE

Standard	Description	Requirements	Results
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: $\geq 0.45 \text{ W/cm}^2$	Passes Requirements ¹
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements ²
ASTM D2047	Coefficient of Friction (Slip Resistance)	Not Applicable (No Official Requirements)	≥ 0.6 (Dry)
ASTM F970	Static Load	No Requirements if Wear Layer < 20mil	Not Applicable
SIM Test	Static Load Limit	Test to Limit (± 0.005 "	≥ 500 psi
ASTM F2199	Dimensional Stability	$\leq 0.25\%$ / lineal ft.	Surpasses Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average $\Delta E < 8.0$	Surpasses Requirements
ASTM F1515	Resistance to Light	Average $\Delta E < 8.0$	Surpasses Requirements
ASTM G21	Antifungal Activity	Not Applicable (No Official Requirements)	Top: 0-1
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM D7823	Phthalates	Refer to CPSIA4	Passes Requirements

STANDARDS - SOUND

Assembly	ASTM E90	ASTM E492	ASTM E2179	Results (Remarks)
6" Concrete Slab	STC 50	IIC 50	Δ IIC 24	All tested assemblies pass IBC ⁵ requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings
8" Concrete Slab	STC 53	IIC 55	Not Applicable	
6" Concrete Slab with Drop-Ceiling	STC 61	IIC 69	Not Applicable	

Notes

1. ASTM E648 - Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code
2. ASTM E662 - Smoke Density: 450 is the limit established by many state, county, and/or local building and/or fire codes, but is not set as a limit for (resilient) flooring products nationwide. Thus, Smoke Density requirements for flooring products may vary from jurisdiction to jurisdiction.
3. ASTM G21 - Antifungal Activity: Top Surface (LVT Top Layer) scored 0-1 (No Growth to <10% Growth)
4. CPSIA = Consumer Product Safety Improvement Act
5. IBC = International Building Code