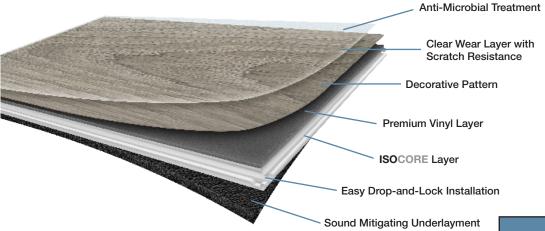


8 MM THICKNESS/22 MIL WEAR LAYER RIGID CORE DROP-AND-LOCK FLOORING

Technical Data Sheet



Product Information

Commercial & Residential Use

Warranty: Lifetime Residential -20-Year Commercial

STANDARDS - SAFETY & PERFORMANCE

Standard	Description	Requirements	Results
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: ≥ 0.45 W/cm²	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")	≥500psi
ASTM F2199	Dimensional Stability	≤0.25% / lineal ft.	Surpasses Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average ΔE < 8.0	Surpasses Requirements
ASTM F1515	Resistance to Light	Average ΔE < 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

CTANDARDO - COCHD					
Assembly	Results		Remarks		
	IIC	54	All tested assemblies pass IBC ⁵ requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings		
6" Concrete Slab	STC	50			
o Concrete Slab	HIIC	57			
	ΔIIC	23			
	IIC	Up to 72			
8" Concrete Slab with Suspended	STC	Up to 61			
Ceiling and Isolated Subfloor	HIIC	Up to 80			
	ΔΙΙC	Not applicable			

- ASTM E648 Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code
- 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.
- ASTM G21 Antifungal Activity: Top Surface (LVT Top Layer) scored 0-1 (No Growth to <10% Growth) CPSIA = Consumer Product Safety Improvement Act
- IBC = International Building Code