

CRUSADER



Total thickness	5MM
Core thickness	4MM
XPE Backing	1MM
Wear Layer	12 mil
Plank size	9" x 60"
Bevel	Painted/Beveled
ASTM F2199 (Dimensional Stability)	Passes
ASTM F1914 (Residual Indentation)	Passes (PSI Equivalent > 5,000 lbs.)
ASTM F1514 (Heat Stability)	Passes
ASTM F1515 (Light Stability)	Passes
ASTM 648 (Radiant Panel)	>0.45 watts/CM2, NFPA Class 1
ASTM E662 (nbs smoke)	<450
ASTM (E492-09 / ASTM 989-06)	72 - drop ceiling / 54 - 6" slab
ASTM E2179 (Impact Sound Reductions)	Δ IIC \geq 26 dB
ASTM F925 (Resistance to Chemicals)	Passes
ASTM D5116 (VOC Requirements)	Passes < 100 mg/m
ASTM D2047 (Coefficient of Friction)	\geq 0.6 (Dry)
DCOF	>0.42
ANSI A137.1	Pass
Scratch/Scuff/Abrasion Properties	Very Good
Phillips Castor Chair @ 100 lbs.	Passes @ 25,000 cycles
Installation System	Patented Locking System (long side) / Drop-lock (short side)
Certifications	FloorScore & Greenguard
Residential Warranty	Lifetime
Light Commercial Warranty	6-Year
Commercial Warranty	N/A

The Crusader Collection by MSI contains no phthalates and uses 100% virgin vinyl.

Disclaimer:

MSI developed the most on-trend designs in luxury vinyl flooring with its Everlife™ collection which induces high variation designs. It is recommended that any consumer go to msisurfaces.com or view a display sample with room scene to see the high color variation. It also is recommended that a consumer use a qualified installer who works with a recommended dealer, that will follow the installation instructions for Everlife™ products.