

Test Name Definition of Test	Test Spec	FreeFit www.freefitfloors.com
Static Load Limit (psi) Measures long term indentation recovery properties	ASTM F-970	Passes 2,000 psi
Residual Indentation Measures short term indentation recovery properties	ASTM F-1914	Passes None Greater than 6% (.010")
Static Coefficient of Friction Measures slip resistance on both wet and dry surfaces	ASTM C-1028	Average Results 0.8 Exceeds ADA Guidelines at 0.6
Abrasion Resistance Measures wear performance or durability	ASTM D-3884	Passes 23,500 cycles
Critical Radiant Flux Measures flamability	ASTM E-648	Class I
Specification for Solid Vinyl Floor Tile Measures performance characteristics	ASTM F-1700	Passes
Thickness Measures thickness of the product	ASTM F-F386-11	Passes (.002")
Squareness Measures actual dimensions - squareness	ASTM F-2055-10	Passes (.003")
Squareness Measures actual dimensions - length and width	ASTM F-2055-00	Passes
Flexibility Measures the ability of the product to resist cracking, breaking or other permanent deformities	ASTM F-137	Passes No Breaks (over 1" mandrel)
Dimensional Stability @ 180° F Measures the ability of the floor to retain its original dimensions after exposure to heat FreeFit has also been tested to 0° F and results showed superior dimensional stability	ASTM F-2199	Passes (.002")
Chemical Resistance Measures the susceptibility of the floor to change when exposed to chemical reagents	ASTM F-925	Passes
Resistance to Heat Measures the amount of color change when subjected to an elevated temperture over a period of time	ASTM F-1514	Passes
Resistance to Light Measures the products ability to resist discoloration from light	ASTM F-1515	Passes

<p>Specific Optical Density Measures the density of smoke and its relationship to visibility</p>	<p>ASTM E-662</p>	<p>Passes < 450</p>
<p>Lead & Heavy Metal Content Measure Content of Lead and Heavy Metals</p>	<p>ASTM F-963-08</p>	<p>Passes None Detected</p>
<p>IIC (Impact Insulation Class) Measures the sound transmitted through the floor-ceiling assembly into the room below</p>	<p>ASTM E-989-06 ASTM E-492-04</p>	<p>37</p>
<p>STC (Sound Transmission Class) Measures the decibel reduction in noise that a floor can provide</p>	<p>ASTM E-90-04 ASTM E-413-04</p>	<p>51</p>
<p>Smoke Generation & Flame Spread Provides a comparative measure of surface flame spread and smoke density to a sample of select red oak and fiber - cement board surface under specific fire exposure conditions</p>	<p>ASTM E-84</p>	<p>Results Pending</p>
<p>IMO Testing Under requirements established by the International Maritime Organization, the US Coast Guard and other Maritime Governing Bodies, materials used as interior finishes on maritime vessels must be tested for surface flammability performance</p>	<p>IMO</p>	<p>Results Pending</p>