



# Titan Rubber Flooring

TECHNICAL DATA

<b>Finish</b>	Smooth
<b>Nominal Dimensions</b>	27" x 27" Square Tiles (5.0625 sq. ft.) 25 3/4" x 25 3/4" Interlocking Tiles (4.6046 sq.ft.) 3/8" Thickness (Nominal 9mm)

<b>ASTM E648 (NFPA 253) - Critical Radiant Flux</b>	Class 1, $\geq 0.45 \text{ W/cm}^2$
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<b>ASTM E662 (NFPA 258) - Smoke Density</b>	Passes, $\leq 450$
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<b>ASTM D2047 - Static Coefficient of Friction</b>	$\geq 0.50$
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ADA Standards for Accessible Design states the floor surface shall be stable, firm and slip resistant. Our test results utilize the James Machine as described in D2047 and as described in UL410 for floor covering materials (FCM) utilizing a leather foot under dry conditions. Maintenance processes and commonly utilized site applied finishes, polishes and other sealers to maintain resilient flooring products will change the walking surface and ultimately the Static Coefficient of Friction.

<b>ASTM F970 - Static Load Resistance</b>	Passes, $< 0.005"$ Indentation @ 250 psi
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<b>ASTM F970 - Static Load Resistance, Modified</b>	Passes, $\leq 0.005"$ Indentation @ 1000 psi
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ASTM F970 testing at loads above 250 psi is outside the scope of the test method. Since testing is conducted on flooring product alone, our stated results do not take into consideration chosen adhesive, any utilized underlayments and/or substrates or subfloors. These results should not be construed as an indicator of installed flooring performance.

<b>ASTM F925 - Chemical Resistance</b>	Excellent with chemicals listed in standard, Additional chemicals available via chart
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ASTM F925 testing is utilized to ensure flooring materials will stand up to certain household standard chemistries. Additional chemical resistance testing performed using this test method is for informational and guidance purposes only. Proper maintenance will have an effect on chemical resistance, but the best defense against a negative effect is to clean the drop/spill from the flooring surface immediately.

<b>ASTM D2240 - Hardness</b>	Shore A; 70 +/- 5
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<b>ASTM G21 - Resistance to Fungi</b>	Excellent
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### ASTM F2772 - Athletic Performance Properties of Indoor Sports Floor Systems

**ASTM F2569 - Shock Absorption** Passes Class 1

**ASTM F2117 - Vertical Ball Rebound** Passes

**ASTM F2157 - Vertical Deformation** Passes

**ASTM E303 - Surface Friction** Dry; Passes

<b>ASTM F1515 - Light Stability</b>	Excellent, $\Delta E \leq 8$
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<b>Attributes &amp; Certifications</b>	Made in the U.S.A. Meets Buy America Act (49 CFR Part 661, 49 U.S.C. § 5323) Meets Buy American Act (7 CFR Part 1787, 41 U.S.C §§ 8301-8305) Meets Federal Acquisition Regulation (FAR § 52.225-9) Contributes to LEED v4/4.1 FloorScore Certification Meets CA 01350 Requirements Meets CHPS Requirements Certified Min 24% Pre-Consumer Recycled Content
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Red List Chemical Free

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## Acoustical Performance - 6 Inch Concrete Slab

**ASTM E492 - Impact Insulation Class** IIC 52

**ASTM E90 - Sound Transmission Class** STC 52

**ASTM E2179 - Sound Reduction** ΔIIC 22

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## Acoustical Performance - 6 Inch Concrete Slab / Ceiling Assembly

**ASTM E492 - Impact Insulation Class** IIC 63

**ASTM E90 - Sound Transmission Class** STC 67

*The above testing information is provided for informational and guidance when selecting flooring materials. Since testing is conducted on flooring product with or without underlayments and over laboratory substrates these results should not be construed as an indicator of installed flooring performance.*

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<b>Acclimation Time</b>	48 Hours
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<b>Service &amp; Storage Temperature</b>	60° - 85° F
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*See installation document for full installation details regarding approved substrates, job site conditions and acclimation procedures.*

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<b>Product Limitations</b>	Interlocking material in applications that will be maintained with ride on auto scrubbing equipment, exposed to heavy rolling loads such as expandable bleachers, or etc. must be fully adhered to prevent movement under the weight and force of the loads.
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<b>Recommended Adhesives</b>	3 Year Exposure to Ice Skates 10 Year Commercial Warranty
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*See product warranty for full details regarding limitations and warranty coverage.*

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<b>Approved Adhesives</b>	Excelsior PS-525, Modified Pressure Sensitive Excelsior U-705, Urethane Wet-Set Excelsior EW-710, Urethane Enhanced Epoxy Adhesive
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