



## Envire Rubber Sheet

### TECHNICAL DATA

<b>Finish</b>	Smooth
<b>Nominal Dimensions</b>	6' (1.83 m) x 50' (15.24 m) x 0.100" (2.5 mm)
<b>ASTM F1859 - Rubber Sheet without Backing</b>	Type I
<b>ASTM E648 (NFPA 253) - Critical Radiant Flux</b>	Class 1, $\geq 0.45 \text{ W/cm}^2$
<b>ASTM E662 (NFPA 258) - Smoke Density</b>	Passes, $\leq 450$
<b>CAN/ULC-S102.2 - Surface Burning</b>	115 Flame Spread Rating, 275 Smoked Developed Classification
<b>FMVSS 302 - Flammability of Interior Materials</b>	Passes, $\leq 102 \text{ mm/min}$
<b>ASTM D2047 - Static Coefficient of Friction</b>	$\geq 0.50$
<i>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.</i>	
<b>ASTM F970 - Static Load Resistance</b>	$< 0.005"$ Indentation @ 250 psi
<b>ASTM F970 - Static Load Resistance, Modified</b>	$0.004"$ Indentation @ 1500 psi
<i>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.</i>	
<b>ASTM F2753 - Rolling Load Limit</b>	$\leq 500 \text{ lbs / sq. inch}$
<i>ASTM F2753 testing at loads of 500 lbs force on each wheel after acclimation to laboratory conditions. The Hil-Rom Gurney wheel is utilized for 1,000 cycles and then examined for indentation, seam condition, tearing or visible issues. Wheels shall not be metal or hard plastic, and the shape of the wheels must be flat with rounded edges, and manufactured with a shore hardness when tested as Type A of <math>\leq 90</math>.</i>	
<b>ASTM F925 - Chemical Resistance</b>	Excellent with chemicals listed in standard, Additional chemicals available via chart
<i>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.</i>	
<b>ASTM G21 - Resistance to Fungi</b>	Excellent, resistant to bacteria, fungi, and micro-organism activity
<b>AATCC 134 - Static Generation</b>	$\leq 0.2 \text{ kV}$ (200 Volts) with Step, $\leq 0.5 \text{ kV}$ (500 Volts) with Scuff
<b>ASTM D3389 - Abrasion Resistance</b>	Excellent, $\leq 1 \text{ g loss}$ (after 1000 cycles)
<b>ISO 4918 - Castor Chair Test</b>	Excellent, No damage or separation after 25,000 cycles
<b>ASTM F2199 - Dimensional Stability</b>	Excellent, $\leq 0.15\%$
<b>ASTM F1514 - Heat Stability</b>	Excellent, $\Delta E \leq 8$
<b>ASTM F1515 - Light Stability</b>	Excellent, $\Delta E \leq 8$
<b>ASTM C518 - Thermal Resistance, R</b>	Excellent, $0.065 \text{ F ft}^2\text{h/Btu}$
<b>ASTM D2240 - Durometer Hardness</b>	92 Shore A

#### Acoustical Performance - 6 Inch Concrete Slab

ASTM E2179 - Sound Reduction  $\Delta IIC$  11



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

**ASTM E492 - Impact Insulation Class IIC 50**

**ASTM E90 - Sound Transmission Class STC 62**

*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 or 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 Warranty</b>	20 Year Commercial Warranty
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*See product warranty for full details regarding limitations and warranty coverage.*

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<b>Recommended Adhesives</b>	Excelsior AW-510, Wet-Set Acrylic Excelsior PS-525, Modified Pressure Sensitive Excelsior TP-650, Flooring Tape Adhesive Excelsior U-705, Urethane Wet-Set Excelsior EW-710, Urethane Enhanced Epoxy Adhesive
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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 GREENGUARD Gold Certification FloorScore Certification  Meets CA 01350 Requirements Meets CHPS Requirements  NSF/ANSI 332 Platinum Certification Meets HealthCare Without Harm Criteria  EPD Available HPD Available  Contains No Recycled Content Red List Chemical Free  Recyclable through the Roppe Impact Program
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<b>Technical Support</b>	<a href="mailto:solutions@rhctechnical.com">solutions@rhctechnical.com</a>
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<b>Product Support</b>	<a href="mailto:sales@roppe.com">sales@roppe.com</a>
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<b>Technical Documentation</b>	<a href="http://www.roppe.com">www.roppe.com</a>
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