

<b>Finish</b>	Embossed UV Cured Ceramic Reinforced Urethane
<b>Nominal Dimensions</b>	12" x 24" x 3 mm Planks, 18 per carton
<b>Wear Layer Thickness</b>	12 mil (0.012")(0.3 mm)
<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>	50 Flame Spread Rating, 150 Smoke Developed Classification
<b>ASTM D2047 - Static Coefficient of Friction</b>	$\geq 0.50$
<p><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></p>	
<b>ASTM F970 - Static Load Resistance</b>	Passes, $< 0.005"$ Indentation @ 250 psi
<b>ASTM F970 - Static Load Resistance, Modified</b>	Passes, $\leq 0.005"$ Indentation @ 2000 psi
<p><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></p>	
<b>ASTM F925 - Chemical Resistance</b>	Excellent with chemicals listed in standard, Additional chemicals available via chart
<p><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></p>	
<b>ASTM F1914 - Residual Indentation</b>	Excellent, $\leq 8\%$ after 24 hour recovery
<b>ASTM F2199 - Dimensional Stability</b>	Excellent, $\leq 0.020"$ per linear foot
<b>ASTM F1514 - Heat Stability</b>	Excellent, $\Delta E \leq 8$
<b>ASTM F1515 - Light Stability</b>	Excellent, $\Delta E \leq 8$
<b>ISO 4918 - Castor Chair Test</b>	Excellent, No damage or separation after 25,000 cycles
<b>Attributes &amp; Certifications</b>	<p>Made in the U.S.A.</p> <ul style="list-style-type: none"> <li>Meets Buy America Act (49 CFR Part 661, 49 U.S.C. 5323)</li> <li>Meets Buy American Act (7 CFR Part 1787, 41 U.S.C 8301-8305)</li> <li>Meets Federal Acquisition Regulation (FAR 52.225-9)</li> <li>Contributes to LEED v4/4.1</li> <li>GREENGUARD Gold Certification</li> <li>Meets CA 01350 Requirements</li> <li>Meets CHPS Requirements</li> <li>EPD Available</li> <li>Contains No Recycled Content</li> <li>100% Recyclable</li> </ul>

---

**Acoustical Performance - 6 Inch Concrete Slab**

**ASTM E492 - Impact Insulation Class** IIC  $\leq$  45

**ASTM E90 - Sound Transmission Class** STC  $\leq$  45

---

**Acoustical Performance - 6 Inch Concrete Slab / Excelsior CSU-400 Underlayment**

**ASTM E492 - Impact Insulation Class** IIC  $\leq$  50

**ASTM E90 - Sound Transmission Class** STC  $\leq$  53

---

**Acoustical Performance - 6 Inch Concrete Slab / Ceiling Assembly / Excelsior CSU-400 Underlayment**

**ASTM E492 - Impact Insulation Class** IIC  $\leq$  66

**ASTM E90 - Sound Transmission Class** STC  $\leq$  62

---

**Acoustical Performance - 6 Inch Concrete Slab / Ceiling Assembly / Excelsior FSU-410 Underlayment**

**ASTM E492 - Impact Insulation Class** IIC  $\leq$  66

**ASTM E90 - Sound Transmission Class** STC  $\leq$  62

---

**Acoustical Performance - 8 Inch Concrete Slab / Ceiling Assembly / Excelsior CSU-400 Underlayment**

**ASTM E492 - Impact Insulation Class** IIC  $\leq$  53

**ASTM E90 - Sound Transmission Class** STC  $\leq$  57

---

**Acoustical Performance - 8 Inch Concrete Slab / Ceiling Assembly / Excelsior FSU-410 Underlayment**

**ASTM E492 - Impact Insulation Class** IIC  $\leq$  54

**ASTM E90 - Sound Transmission Class** STC  $\leq$  55

---

**Acoustical Performance - 18 Inch Open Web Truss / Gypsum Topping / Excelsior CSU-400 Underlayment**

**ASTM E492 - Impact Insulation Class** IIC  $\leq$  52

**ASTM E90 - Sound Transmission Class** STC  $\leq$  56

---

**Acoustical Performance - 18 Inch Open Web Truss / Gypsum Topping / Excelsior FSU-410 Underlayment**

**ASTM E492 - Impact Insulation Class** IIC  $\leq$  51

**ASTM E90 - Sound Transmission Class** STC  $\leq$  58

*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.*

---

**Acclimation Time** 48 Hours

---

**Service & Storage Temperature** 60° - 85° F

*See installation document for full installation details regarding approved substrates, job site conditions and acclimation procedures.*

---

**Product Warranty** 10 Year Commercial, 20 Year Residential/Multi-Family

*See product warranty for full details regarding limitations and warranty coverage.*

---

**Recommended Adhesives**

Excelsior SP-500, Pressure Sensitive Spray Adhesive

Excelsior AW-510, Wet-Set Acrylic

Excelsior AP-520, Pressure Sensitive Roll/Trowel

Excelsior PS-525, Modified Pressure Sensitive

Excelsior U-705, Urethane Wet-Set

Excelsior EW-710, Urethane Enhanced Epoxy Adhesive

---

**Technical Support**

[solutions@rhctechnical.com](mailto:solutions@rhctechnical.com)

---

**Product Support**

[support@sixdegreesflooring.com](mailto:support@sixdegreesflooring.com)

---

**Technical Documentation**

[www.sixdegreesflooring.com](http://www.sixdegreesflooring.com)