

Finish	Embossed UV Cured Ceramic Reinforced Urethane
Nominal Dimensions	7 1/4" x 47 3/4" x 4 mm Planks 12" x 24" x 4 mm Tiles
Wear Layer Thickness	12 mil (0.012")(0.3 mm)
Click Locking Mechanism	I4F, Angle Drop Click
ASTM F3261 - Rigid Core Flooring	Class I, Type B, Grade 2, Backing Class A
ASTM E648 (NFPA 253) - Critical Radiant Flux	Class 1, $\geq 0.45 \text{ W/cm}^2$
ASTM E662 (NFPA 258) - Smoke Density	Passes, ≤ 450
ASTM D2047 - Static Coefficient of Friction	≥ 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>	
ASTM F970 - Static Load Resistance	Passes, $< 0.005"$ Indentation @ 250 psi
ASTM F970 - Static Load Resistance, Modified	Passes, $\leq 0.005"$ Indentation @ 1500 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>	
ASTM F925 - Chemical Resistance	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>	
ASTM F1914 - Residual Indentation	Excellent, $\leq 0.007"$ after recovery avg
ASTM F2199 - Dimensional Stability, Size	Excellent, $\leq 0.25 \%$ per linear foot avg
ASTM F2199 - Dimensional Stability, Curling	Excellent, $\leq 0.080"$
ASTM F1514 - Heat Stability	Excellent, $\Delta E \leq 8$
ASTM F1515 - Light Stability	Excellent, $\Delta E \leq 8$
ISO 4918 - Castor Chair Test	Excellent, No damage or separation after 25,000 cycles
Attributes & Certifications	<p>Made in the U.S.A.</p> <p>Meets Buy America Act (49 CFR Part 661, 49 U.S.C. 5323)</p> <p>Meets Buy American Act (7 CFR Part 1787, 41 U.S.C 8301-8305)</p> <p>Meets Federal Acquisition Regulation (FAR 52.225-9)</p> <p>Contributes to LEED v4/4.1</p> <p>FloorScore Certified</p> <p>Meets CA 01350 Requirements</p> <p>Contains No Recycled Content</p> <p>100% Recyclable</p>

Acoustical Performance - 6 Inch Concrete Slab

ASTM E2179 - Delta Impact Insulation Class $\Delta IC \leq 12$

ASTM E492 - Impact Insulation Class $IIC \leq 37$

ASTM E90 - Sound Transmission Class $STC \leq 50$

Acoustical Performance - 6 Inch Concrete Slab / Ceiling Assembly

ASTM E492 - Impact Insulation Class $IIC \leq 55$

ASTM E90 - Sound Transmission Class $STC \leq 61$

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 $STC \leq 61$

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

ASTM E492 - Impact Insulation Class $IIC \leq 67$

ASTM E90 - Sound Transmission Class $STC \leq 61$

Acoustical Performance - 18 Inch Open Web Truss / Gypsum Topping

ASTM E492 - Impact Insulation Class $IIC \leq 46$

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

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

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

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

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 $STC \leq 57$

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 5 Year Commercial, 15 Year Residential/Multi-Family

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

Recommended Adhesives if Needed

- 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
Product Support	support@sixdegreesflooring.com
Technical Documentation	www.sixdegreesflooring.com
