

Nominal Dimensions	9.8" x 39.4" x 3mm Tiles, 16 per carton
Wear Layer	Triple-Defense Waterproof Wear Layer System
Finish	Embossed UV Cured Ceramic Reinforced Urethane
ASTM E648 (NFPA 253) - Critical Radiant Flux	Passes; Class 1, $\geq 0.45 \text{ W/cm}^2$
ASTM E662 (NFPA 258) - Smoke Density	Passes; ≤ 450
CAN/ULC-S102.2 - Surface Burning	30 Flame Spread Rating 250 Smoke Developed Classification
ASTM D2047 - Static Coefficient of Friction	≥ 0.5 <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>
ASTM F970 - Static Load Resistance	Passes; $< 0.005"$ Indentation @ 250 psi
ASTM F970 - Static Load Resistance (Modified)	Passes; $\leq 0.005"$ 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>
ASTM F925 - Chemical Resistance	Excellent, Additional Chemicals Chart Available <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>
ASTM F2199 - Dimensional Stability	Excellent, $\leq 0.020"$ per linear foot
ASTM F1514 - Heat Stability	Excellent, $\Delta E \leq 8$
ASTM F1515 - Light Stability	Excellent, $\Delta E \leq 8$
ASTM F1914 - Residual Indentation	Excellent, $\leq 8\%$ after 24 hour recovery
Sustainability Information	Contributes to LEED v4/4.1 FloorScore Certification Meets CA 01350 Requirements Contains No Recycled Content 100% Recyclable
Acoustical Performance - 6 Inch Concrete Slab	
ASTM E492 - Impact Insulation Class	IIC ≤ 45
ASTM E90 - Sound Transmission Class	STC ≤ 45
Acoustical Performance - 6 Inch Concrete Slab / Excelsior CSU-400 Underlayment	
ASTM E492 - Impact Insulation Class	IIC 50
ASTM E90 - Sound Transmission Class	STC 53

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

ASTM E492 - Impact Insulation Class IIC 66
ASTM E90 - Sound Transmission Class STC 62

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

ASTM E492 - Impact Insulation Class IIC 66
ASTM E90 - Sound Transmission Class STC 62

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

ASTM E492 - Impact Insulation Class IIC 53
ASTM E90 - Sound Transmission Class STC 57

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

ASTM E492 - Impact Insulation Class IIC 54
ASTM E90 - Sound Transmission Class STC 55

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

ASTM E492 - Impact Insulation Class IIC 52
ASTM E90 - Sound Transmission Class STC 56

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

ASTM E492 - Impact Insulation Class IIC 51
ASTM E90 - Sound Transmission Class STC 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 of installed flooring performance.

Acclimation Time 48 Hours

Service & Storage Temperature 65° - 85° F

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

Warranty 20 Year Commercial
Lifetime Residential/Multi-Family

Approved Adhesives Excelsior SP-500, Pressure Sensitive Spray
Excelsior AP-520, Pressure Sensitive Roll/Trowel
Excelsior AW-510, Wet-Set Acrylic Adhesive
Excelsior U-705, Wet-Set Urethane Adhesive

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