

Nominal Dimensions	7 1/4" x 47 3/4" x 5mm Planks, 8 per carton 12" x 24" x 5mm Tiles, 10 per carton
Wear Layer Thickness	20 mil (0.020")(0.5 mm)
Attached Acoustical Pad	1mm (0.039") IXPE Pad
Finish	Embossed Next GEN Finish
ASTM F3261 - Rigid Core Flooring	Class I, Type B, Backing Class A
Locking Mechanism	I4F, Angle Drop Locking System
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
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 @ 1000 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 (ISO 23999) - Dimensional Stability	Excellent, $\leq 0.025"$ per linear foot
ASTM F2199 (ISO 23999) - Curling	Excellent, $\leq 0.080"$
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	Made in the U.S.A. Meets Buy America Act (49 CFR Part 661) Meets Buy American Act (41 USC §§ 8301-8303) Contributes to LEED v4/4.1 FloorScore Certified Meets CA 01350 Requirements 100% Recyclable

Acoustical Performance - 6 Inch Concrete Slab

ASTM E2179 - Delta Impact Insulation Class IIC ≥12

ASTM E492 - Impact Insulation Class IIC 55

ASTM E90 - Sound Transmission Class STC ≥ 50

Acoustical Performance - 6 Inch Concrete Slab / Ceiling Assembly

ASTM E492 - Impact Insulation Class IIC ≥ 55

ASTM E90 - Sound Transmission Class STC ≥ 60

Acoustical Performance - 18 Inch Open Web Truss / Gypsum Topping

ASTM E492 - Impact Insulation Class IIC ≥ 45

ASTM E90 - Sound Transmission Class STC ≥ 55

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

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 if Needed

Excelsior SP-500, Pressure Sensitive Spray

Excelsior AP-520, Pressure Sensitive Roll/Trowel

Excelsior AW-510, Wet-Set Acrylic Adhesive

Excelsior MS-700, Wet-Set Modified Silane Adhesive

Excelsior U-705, Wet-Set Urethane Adhesive

Technical Support

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Product Support

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Technical Documentation

www.sixdegreesflooring.com