



Recoil Fitness Flooring

TECHNICAL DATA

Finish	Urethane Bonded with Characteristic Texture
Nominal Dimensions	36" (91.4 cm) x 36" (91.4 cm) Square Tiles (9 sq. ft.) 34 1/4" (86.9 cm) x 34 1/4" (86.9 cm) Interlocking Tiles (8.6 sq. ft.) 48" (1.2 m) x 49 1/2' (15.1 m) Rolls (198 sq. ft.) - Half Rolls & Custom Length Rolls Available, Contact Representative for Details 5/32" (3.9 mm), 1/4" (6.3 mm), 3/8" (9.5 mm) , & 1/2" (12.7) Thicknesses Available
Color & Percentages	Solid Black 7 Color Chip Options 10% Chip Content is Standard Special Order up to 90% Chip Content (One or Multiple Colors)
ASTM F3041 - Bonded Crumb Rubber	Types I & II; Classes A, B, C, & D
ASTM E648 (NFPA 253) - Critical Radiant Flux	Unclassified, < 0.22 W/cm ²
ASTM D2859 - Ignition Characteristics	Passes, (FF1-70, 16 CFR 1630)
ASTM E662 (NFPA 258) - Smoke Density	Passes, ≤ 450
ASTM D2047 - Static Coefficient of Friction	≥ 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>
ASTM F970 - Static Load Resistance	Passes, < 0.005" Indentation @ 250 psi
ASTM F925 - Chemical Resistance	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>
ASTM D2240 - Durometer Hardness Indention	Nominal 60 Shore A
ASTM D3389 - Abrasion Resistance	Excellent, ≤ 1 g loss (after 1000 cycles)
ASTM F2199 - Dimensional Stability	Excellent, ≤ 0.050" per linear foot
ASTM F1514 - Heat Stability	Excellent, ΔE ≤ 8
ASCE 24-14 - Flood Resistant Design	FEMA Class 4 when Installed with U-705 Adhesive

Acoustical Performance - 6 Inch Concrete Slab / Ceiling Assembly (3/8" Nominal 9 mm Product Only)

ASTM E492 - Impact Insulation Class IIC 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 Limitations

Due to the recycled nature of this product, color variation can be present from piece to piece and roll to roll.

Material may contain skive lines from the manufacturing process on the surface, we do not consider them as defects unless they are determined to be excessive. Material that is installed is considered as accepted by the installation contractor and not covered by the product warranty.

Material is not approved for installation over substrates that contain radiant heat of any kind.

Material is not approved for installation in areas where exposure to ice skates without blade guards.

Material in areas where free weights and/or dumbbells over 50 lbs. will be used should be 3/8" thick or greater and fully adhered.

Material is not recommended for basketball, volleyball, or similar playing surfaces.

Interlocking material in applications that will be maintained with ride on auto scrubbing equipment, exposed to heavy rolling loads such as expandable bleachers, or etc. must be fully adhered to prevent movement under the weight and force of the loads.

Product Warranty

3 Year Commercial Warranty

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

Recommended Adhesives

Excelsior PS-525, Modified Pressure Sensitive Adhesive

Excelsior U-705, Urethane Wet-Set

Excelsior EW-710, Urethane Enhanced Epoxy Adhesive

Attributes & Certifications

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

FloorScore Certification

Meets CA 01350 Requirements

Meets CHPS Requirements

Technical Support

solutions@rhctechnical.com

Product Support

sales@roppe.com

Technical Documentation

www.roppe.com