

PRODUCT DESCRIPTION

Finish & Appearance	Urethane Bonded Crumb with Characteristic Texture, No Factory Finish
Nominal Dimensions ¹	5/32" (3.9 mm), 1/4" (6.3 mm), 3/8" (9.5 mm) , & 1/2" (12.7) Thicknesses Available 34 1/4" (86.9 cm) x 34 1/4" (86.9 cm) Interlocking Tiles @ 8.2 sq. ft. 36" (91.4 cm) x 36" (91.4 cm) Square Tiles @ 9 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
Color & Chip Percentages	Available in Solid Black & 7 Color Chip Options 10% Chip Content is Standard Special Order up to 90% Chip Content (One or Multiple Colors)

PRODUCT PERFORMANCE PROPERTIES

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 F2859 – Ignition Characteristics	Passes, (FF1-70, 16 CFR 1630)
ASTM D2047 – Static Coefficient of Friction ²	≥ 0.50
ASTM F970 – Static Load Resistance ³	Passes, < 0.005" Indentation @ 250 psi
ASTM F925 – Chemical Resistance ⁴	Excellent, Additional Chemical List available via chart
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	ΔE ≤ 8
ASCE 24-14 Flood Resistant Design	FEMA Class 4 when Installed with U-705 Adhesive

ACOUSTICAL PERFORMANCE PROPERTIES ⁵

6 INCH CONCRETE SLAB / CEILING ASSEMBLY (3/8" Nominal 9mm Product Only)

ASTM E492 – Impact Insulation Class	IIC 57
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PRODUCT INSTALLATION & WARRANTY INFORMATION

Lot Controlled	No
Suitable for In Floor Radiant Heat	Yes, but Not Recommended
Heat Weldable / Required	Not Recommended
Indoor / Outdoor Suitability	Indoor & Outdoor Use
Service & Storage Temperature Range ⁶	60° - 85° F
Recommended Adhesives ⁷	Excelsior PS-525 Modified Pressure Sensitive Adhesive Excelsior U-705 Urethane Adhesive Excelsior EW-710 Urethane Enhanced Two-Part Epoxy Adhesive

Product Warranty ⁸	3 Year Limited Commercial Warranty
Product Limitations	<p>Due to the recycled nature of this product, color variation can be present from piece to piece and roll to roll.</p> <p>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.</p> <p>Material is not approved for installation in areas where exposure to ice skates without blade guards.</p> <p>Material in areas where free weights and/or dumbbells over 50 lbs. will be used, should be 3/8" thick or greater and must be fully glued.</p> <p>Material is not recommended for basketball, volleyball, or similar playing surfaces.</p> <p>Interlocking material in applications that will be maintained with ride on auto scrubbing equipment, exposed to heavy rolling loads such as expandable bleachers, etc. must be fully adhered to prevent movement under the weight and force of the loads.</p>

ATTRIBUTES, CERTIFICATIONS, & REGULATORY INFORMATION

- Manufactured in Trevor, Wisconsin
- Contributes to LEED v4/4.1 Requirements
- Achieved FloorScore Certification
- Meets California Department of Public Health V1.2 (CA Section 01350) requirements
- Meets Collaborative for High Performance Schools (CHPS) requirements
- Contains Post-Consumer Recycled Content
- Qualifies for American Made Products Acts and/or Requirements

SUPPORT & ADDITIONAL DOCUMENTATION

Product Support Phone & Email	(800) 537 – 9527 / sales@roppe.com
Technical Support Phone & Email	(844) 393 – 4044 / solutions@rhctechnical.com
Product Technical Documentation	www.roppe.com
Associated or Related Documentation	Excelsior PS-525 Modified Pressure Sensitive Adhesive Excelsior U-705 Urethane Adhesive Excelsior EW-710 Urethane Enhanced Two-Part Epoxy Adhesive Referenced Standards within Technical Documents Technical Bulletin Recoil Fitness Flooring Installation Recoil Fitness Flooring Care & Maintenance Roppe Products Warranty

¹ Nominal Dimensions are the marketed dimensions of the product, tolerances are allowed in the manufacturing process and our tolerance range is what is allowed by the ASTM documentation overseeing the product construction.

² ADA Standards for Accessible Design state the floor surface shall be stable, firm and slip resistant. Our test results utilize the James Machine as described in ASTM 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.

³ ASTM F970 testing at loads above 250 psi is outside the scope of the test method and is considered modified. Modification to the testing process for us is the additional load utilizing the same foot as described in the test method by ASTM. 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.

⁴ 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 influence chemical resistance, but the best defense against a negative effect is to clean the drop/spill from the flooring surface immediately.



Recoil Fitness Flooring

TECHNICAL DATA

⁵ Acoustical testing information is provided for information and guidance when selecting flooring materials. Testing is conducted on flooring products with or without underlayments and over laboratory substrates. These results should not be construed as an indicator of installed flooring performance and results.

⁶ See installation documents for full installation details regarding approved substrates, jobsite conditions and acclimation procedures.

⁷ Recommended adhesives listed are recommended to be used to obtain the full listed system warranty that includes a bond performance warranty. Material installed with adhesives other than those listed here or an approved option in writing will only have a product manufacturing and wear warranty, no performance or bond warranty.

⁸ See product warranty for full details regarding limitations and warranty coverage.

The contents contained within this Technical Data Sheet (TDS) may be utilized or copied into another projected related document, but this original document will remain in effect at the time of product installation, this TDS shall not be supplemented or replaced by the resulting project documentation. **Any alterations to the wording or requirements contained in or derived from this document shall void all related warranties.**

See installation information and documents for full installation details regarding substrates, job site conditions, & acclimation procedures. The intent of this document is to provide technical and performance properties of the mentioned adhesive as well as define the intended method of installation for the products in which the adhesive is approved for use. Any installation guidelines are to be considered as a starting point at a minimum for a successful installation. We rely on the expertise and professionals that are installing the products to adjust based on site conditions. Anything that appears to be a link, is and leads to additional information if necessary or provides a means of contact in the event there are any additional questions. Prior to acceptance of this document refer to the product website to confirm that you have the most current revision.

These products are intended for installation by professionals, prior to use the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability.