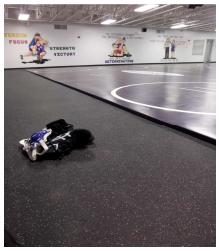
Recoil
fitness flooring
MADE IN THE USA
PRODUCT SUBMITTAL

ROPPE.
Proven. Flooring. Experiences.

1. Manufacturer
Roppe Corporation
1602 N. Union Street
P.O. Box 1158
Fostoria, Ohio USA 44830-1158
t: (419) 435.8546 tf: (800) 537.9527
f: (419) 435.1056
e-mail: sales@roppe.com
www.roppe.com



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2. Product Description
Recoil Fitness Rubber Flooring combines the durability of vulcanized post-consumer recycled tire material from commercial and automobile tire compositions mixed with vulcanized post-industrial recycled and colored rubber EPDM (Ethylene-Propylene Diene Monomer) chips which are then encapsulated in a premium urethane binder creating very tough and durable flooring. Designed for commercial, residential, industrial and fitness applications. It is also recommended for play areas, golf shops, fitness centers, home gyms, day care, ramps, locker rooms, cardio areas, ice arenas and retail flooring.

Roll Material
Gauges: 5/32", ¼", 3/8", ½" – Nominal
Width: 48" Nominal
Length: 49.5 feet Nominal

Square Edge Tile
Gauges: 5/32", ¼", 3/8", ½" – Nominal
Sizes: 36"x36" Nominal

Inter-Locking Tile
Gauges: 5/32", ¼", 3/8", ½" – Nominal
Sizes: 36"x36" Nominal
Inter-Locking Tile Size: measured from outside tabs.
Inter-Locking square foot size without tabs: 8.20 sq/ft.

Custom Colors and Minimum Quantities
Available Sizes: Rolls, Square Tile and Inter-Locking Tile
Custom Color Matching Available upon request.
Available Gauges: 5/32", ¼", 3/8", ½"

3. Technical Data
Technical & Specification Data for Recoil Fitness Flooring
- **Granulate**: 1-3 mm, Black 8/16 SBR
- **Binder**: Urethane.
- **ASTM D-3389 (H-18 Wheels, 500 g/load, 1000 cycles) Taber Abrasion**: < 0.50 grams weight loss
- **ASTM C 1028 Static Coefficient of Friction (Slip Resistance):** Dry -0.88.
- **ASTM F 373, Thickness Tolerance**: ± 0.015".
- **ASTM D 624 Die C, Tear Strength**: 70ppi
- **ASTM F 137, Flexibility**: Passes – 6mm Mandrel
- **ASTM F 1514, Resistance to Heat**: Delta E: 2.24 and AATCC Gray Scale: 3.85 average.
- **ASTM F 970 Static Load**: 250 psi, (modified 400 psi).
- **ASTM D-2240 Hardness Shore A**: 60 ± 5 minutes.
- **ASTM 925-02 Resistance to Chemicals**: No change. Staining Agent List – 5%, Acetic Acid, 70% Isopropyl Alcohol, Mineral Oil, 5% Sodium Hydroxide, 5% ammonia, Bleach, 5% Phenol, Gasoline, Sulfuric Acid, Kerosene and Olive Oil.
- **ASTM D 395B Compression Set**: 12% or less.
- **ASTM D-792 Density PCF**: 65lbs/cu/ft. Roll Material Width Tolerance: ± ¼".
- **Roll Material Width Tolerance**: ± ¼"

4. Installation*
All materials are to be delivered to the installation location within 48 hours of installation in its original packaging with labels intact. Store products in a dry area protected from the weather with temperatures maintained between 65°F (19°C) and 85°F (30°C). Do not stack pallets. Remove all plastic wrapping and strapping from the pallets and un-box all material in the installation area at least 48 hours prior to installation. Stair Treads must be stored horizontally and placed on a smooth, level, dry surface, which supports the entire width of the stair treads. The installation area, substrate, rubber stair treads, associated material and adhesive are to be maintained between 65°F (19°C) and 85°F (30°C) prior to installation, during installation and maintained thereafter.

Adhesives
ROP 635 Solvent-Free Moisture-Cured Polyurethane Adhesive is one-part adhesive designed for high performance installations for indoor installations over porous, metal and other non-porous substrates, on grade, below grade, or above grade. ROP635 is also required for all outdoor installations of rolls, square and interlocking tile over concrete only.
ROP 535U "Universal" Urethane Enhanced Epoxy is a solvent-free, two-component adhesive for interior installations. Recommended for interior installations over properly prepared and recommended concrete, plywood, metal and other non-porous substrates, on grade, below grade, or above grade. When installing over approved substrates around the outside perimeter of ice skating rinks, ROP535U Two-Part Urethane Enhance Epoxy Adhesive must be used within six-feet around the perimeter.

5. Maintenance*
Do not scrub, buff or mop the flooring for at least 72 hours after installation to allow the adhesive to properly cure. The flooring must be properly cleaned before it is released for normal use. Dry vacuum the floor thoroughly and wet mop floor if needed.

6. Availability and Cost
Products are available through Roppe distributors. Contact Roppe Customer Service (800) 537-9527 or visit www.roppe.com.

7. Technical Assistance
Technical service information and assistance may be obtained by calling Roppe Customer Service at 1-800-537-9527, or by visiting www.roppe.com.
Samples may be obtained by may be obtained by calling Roppe Customer Service at 1-800-537-9527, or by visiting www.roppe.com.

8. Limited Warranty
Roppe Recoil Fitness Flooring is warranted for a period of three (3) years from date of installation to be free of defects in material and workmanship, if installed, maintained, and used strictly in accordance with Roppe's written instructions and installed with recommended Roppe Adhesives.

***For complete installation and maintenance instructions visit www.roppe.com.**

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