PRODUCT INFORMATION

TYPE OF PRODUCT
Rubber Tile

COMPANY NAME
Roppe

PRODUCT/COLLECTION NAME
Recoil

DESCRIPTION
Roppe Recoil tiles can be used on indoor or outdoor applications where enhanced walking comfort and slip resistance is desired. Square and interlocking tiles are 36" x 36" (91.4cm x 91.4cm), and rolls are 48" x 49-1/2' (1.22m x 15.09m). Custom colors available upon request. Minimum quantities may apply.

MATERIAL FEEDSTOCK

MATERIAL CONTENT
Roppe Recoil Fitness Flooring is a solid, homogeneous rubber product manufactured from vulcanized post-industrial rubber color chips (EPDM) and vulcanized post-consumer commercial and automobile tires, bonded together with a premium urethane binder.

RECYCLED CONTENT %
Varies by color

RAPIDLY RENEWABLE CONTENT %
Varies by color and recycled content

HARMFUL ADDITIVES
None

HARMFUL EMISSIONS
None

EMISSION STRENGTH OVER TIME
None

TREATMENTS
N/A

MANUFACTURING

MANUFACTURING PROCESS
We produce mainly SBR rubber products, we use heat, steam and pressure to vulcanize the rubber into different forms – wall base, tile or stair treads. We are careful to run our lines in as efficient manners as possible, which includes initiatives such as running higher use lines during off peak hours and recycling our water for the steam function. Our main waste management strategy is to eliminate the waste from the cycle. However, since that is not always possible, we have implemented a zero landfill policy. We utilize the same IMPACT program that is offered to customers within our own manufacturing processes and it has been quite successful in minimizing, and almost eliminating the landfill option that was heavily relied here for many years. I would also add that our small community does not offer a public recycling program, but our employees are encouraged to recycle their plastics, newspapers, magazines and aluminum cans here at Roppe. The monies earned from this effort are put into a fund on an annual basis and divided between all of the employee’s college students. This has been a very lucrative fundraiser for our kids who earn at least $1000 per student each summer for the next school year.

HARMFUL EMISSIONS
Most of our products meet CHPS criteria and are FLOORScore certified, which means they release little if any harmful emissions.

LOCATION OF MANUF. PLANT
Ohio

TESTS/CODES
4.1.4 ASTM D-3389 (H-18 Wheels, 500 g/load, 1000 cycles) Taber Abrasion: < 0.50 grams weight loss.
4.1.5 ASTM C 1028 Static Coefficient of Friction (Slip Resistance): Dry – 0.88
4.1.6 ASTM F 373, Thickness Tolerance: +/- 0.015"
4.1.7 ASTM D 624 Die C, Tear Strength: 70ppi
4.1.8 ASTM F 137, Flexibility: Passes – 6mm Mandrel
4.1.10 ASTM F 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.
4.1.11 ASTM F 970 Static Load Limit: 250 psi, (modified 400 psi).
4.1.12 ASTM D-2240 Hardness Shore A: 60 +/- 5 minutes
4.1.13 ASTM D 395B Compression Set: 12% or less.
4.1.14 ASTM D-792 Density PCF: 65lbs/cu/ft

3RD PARTY CERTIFICATION
CHPS Certification
FloorScore

INSTALLATION

INSTALLATION PROCEDURE
Install with manufacturer’s own adhesive closely following manufacture's
INSTRUCTIONS

INSTALLATION ADHESIVES
Varies according to substrate

UNIT COST
A

LIFE CYCLE ANALYSIS EXTRATION

END OF SERVICE LIFE
Return to Roppe for recycling with Impact program, which is not limited to Roppe products, the only stipulation is it must be Type TS (vulcanized, thermoset rubber). What this translates into is that in a little more than a year’s time, we have been able to divert 1,955 tons from the landfills.

MISC. PROPERTIES
QUALITIES/PROPERTIES OF PRODUCT
Recoil Fitness Flooring provides excellent resistance to abrasion, chipping, cracking for rugged performance. Recoil Fitness Flooring is flexible for fast and economical installations, and available in Rolls, Square Edge Tiles and Inter-Locking Tiles in four-gauges offering endless installation opportunities. Both 3/8” (9.00mm) & 1/2” (12.00mm) Gauge Inter-Locking Tiles only are designed for interior loose-lay installations allowing easy removal and replacement of damaged tiles.

MISC. COMMENTS
Shipping: Shrink wrapped and palletized

CONTRIBUTION TO LEED POINTS
MR2, MR4.1, MR4.2, MR5.1, and MR5.2

COMPANY PROFILE
GREEN PHILOSOPHY
At Roppe, we’ve consciously decided to be part of the solution. That means we’re not just committed to making better products – we’re dedicated to making a positive impact on the environment as well. Our “green” products meet high environmental standards and may contribute to the U.S. Green Building Council’s LEED® Green Building Certification System. From tiles and treads to wall base and adhesives, our EcoEffects® products meet high environmental standards without compromising color selection, performance, durability or style.

CONTACT
Roppe Corporation
1602 N. Union Street
P.O. Box 1158
Fostoria, Ohio USA 44830-1158
Phone: 419.435.8546
Toll Free: 800.537.9527
Fax: 419.435.1056
Email: sales@roppe.com
Web Site: www.roppe.com

MAINTENANCE
AFTER INSTALLATION
Do not buff, scrub, or mop for 48 hours after installation.
1. Roppe Recoil Fitness Flooring can be cleaned much like carpeting.
2. Daily vacuuming is encouraged to keep dust to a minimum.
3. If the flooring cannot be fully cleaned with a vacuum, a damp mopping with a mild soap and water solution will usually be sufficient.
a) It is important not to get the flooring too wet as this may have an adverse affect on the adhesive system employed.
b) Change the soap and water solution often!
4. Use a wet vacuum to remove excess water from the flooring.
5. Be sure to use a clean mop. This will keep your floor smelling fresh and clean.