



RE-TIRE RECYCLED RUBBER ROLLS AND TILES SPECIFICATIONS

RESILIENT TILE FLOORING

1. PRODUCT

Re-Tire recycled rubber rolls and tiles

1.1. Product Description

1.1.1. Construction

- 1.1.1.1. Re-Tire is a blend of SBR tire waste and EPDM rubber. Proportions of each vary according to color. Re-Tire is available in 43 standard colors. Custom colors and sizes are available.
- 1.1.1.2. Re-Tire is designed for use in interior spaces only. In areas with excessive exposure to sunlight, light colors of Re-Tire may yellow. Re-Tire is not suitable for commercial kitchens where animal fats and vegetable oils are present. In areas where chemicals will be present, testing must be done prior to installation.

1.1.2. Physical Characteristics

- 1.1.2.1. Tile thicknesses: 4, 6, 9 mm. In fitness areas with free weights or areas where spikes or skates are worn 9 mm thickness must be used.
- 1.1.2.2. Tile size for Kaleidoscope, The Basics and Medley collections are 24" x 24": Shades of Black collection tile size: 36" x 36". Shades of Black are also available in 9mm interlocking tiles. Exception in the Shades of Black collection is color Night Cork which is available in 24" x 24" tiles and is not available in interlocking tiles.
- 1.1.2.3. Standard roll sizes: 48" wide. Custom roll sizes of 30" and 36" are available, minimums apply.

2. TECHNICAL DATA

Please refer to Document RT403 for specific test results as the individual colors have different test results.

3. ADHESIVES

Grand Entrance recommends (and sells) U-984 Universal Urethane Wood + Rubber Adhesive to be used when installing Re-Tire. Chemrex CX941 is also an acceptable adhesive.

4. INSTALLATION

4.1. Substrate preparation

- 4.1.1. All substrates shall be cleaned, dry, smooth, level and structurally sound. Substrate shall be free of dust, solvent, paint, wax, oil, grease, sealers, old adhesives or other materials according to ASTM 710. Before installing any materials make sure that the area is completely dry and level 3/16" in 10 feet; do calcium chloride test and check for pH level. Moisture shall not exceed 3 lbs/ 1000 sq ft; pH level shall be 7-10.
- 4.1.2. Concrete floors, if uneven must be leveled and patched (use only Portland based patching compounds). If floor is new, be sure it is completely dry (several months curing is preferred). Sweep area clean. Slab shall adhere to ASTM F1869 for water vapor emissions. Cracks, expansion joints and uneven area shall be filled.

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4.1.3. Wood substrates must have a minimum 18" of cross ventilated space between the bottom of the joist and the ground. Crawl spaces shall be insulated and protected by a vapor barrier. If needed, floor may be covered with 1/4" or thicker A.P.A. approved underlayment plywood.

4.1.4. An adhesive bond test shall be completed in several locations across the floor. Glue down a tile of material with recommended adhesive and trowel and let sit for 48 hours before trying to remove. It shall be relatively difficult to pull the tile up and there shall be adhesive on the floor and the tile.

4.2. Jobsite Conditions and Material Acclimation

4.2.1. All trades must be out of the area before installation begins. After installation is complete and if other trades will work in the area, appropriate protective cover shall be placed on the floor prior to any work.

4.2.2. Area where flooring is to be installed shall be temperature controlled between 65° and 75° F for 72 hours prior to, during and after installation. Re-Tire and adhesive must be placed in the area where it will be installed 72 hours before starting installation.

4.3. Installation of Re-Tire

4.3.1. Please refer to the Installation Instruction documents RT405I (interlocking tiles), RT405R (roll installation), RT405T (tile installation), available at grand-entrance.com or by calling 888.424.6287.

4.3.2. Spread adhesive according to directions on adhesive pail, paying close attention to spread rate, open time and working time. Environmental conditions (i.e. temperature, humidity, direct sunlight) will affect open and working time.

4.3.3. Adhesive on tiles or seams must be removed when adhesive is still wet. Removal of dry adhesive might cause damage to Re-Tire.

4.3.4. Restrict foot traffic on the floor for at least 12 hours or rolling loads for 24 hours. Do not clean floor for 5 days.

5. MAINTENANCE

5.1. The initial cleaning of a new floor is very important. This cleaning is done to remove any dirt and grit from job site conditions.

5.1.1. INITIAL CLEANING SHALL NOT TAKE PLACE UNTIL 5 DAYS AFTER INSTALLATION. To avoid possible damage to the flooring, the following shall never be used on the floor: steel wool or abrasive brushes, abrasive or alkaline cleaners, solvents of any type.

5.2. Thoroughly sweep or vacuum flooring to remove all loose dirt and grit. The floor shall be cleaned with a neutral cleaner.

6. APPLICATION OF FLOOR FINISH

6.1. For ease of maintenance Re-Tire can be sealed or finished after installation. However when Re-Tire is installed in sports facilities where spikes or skates will be worn, a finish should not be applied to the Re-Tire. In fitness areas with free weights or where fitness equipment will be moved, applying finish on Re-Tire is optional since dropped weights or moving equipment can mar the finish.

6.2. Application instructions RT412 are available at grand-entrance.com or by calling 888.424.6287.

7. REGULAR MAINTENANCE PROGRAM

7.1. A regular maintenance program is extremely important and will increase the life of the floor and finish. The frequency of cleaning will depend on the amount of foot traffic on the floor. Sweep or vacuum the floor regularly. Clean the floor with a neutral cleaner.

8. WARRANTY: Re-Tire is warranted for five (5) years for material or manufacturing defects. RT407 Re-Tire Warranty is available.

9. TECHNICAL SERVICES

9.1. Submittals: Submittal samples (6" x 6") for verification and approval of product are available by contacting customer service 800.492.2613. Acceptance shall constitute the standard materials which represent the materials to be installed on the project.



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