

COLOR SELECTION*

A - RBT-37 RLT-37 Ninja Grey
B - RBT-13 RLT-13 Blue
C - RBT-27 RLT-27 Mauve
D - RBT-38 RLT-38 Willow Mist
E - RBT-39 RLT-39 Lacy Moss
F - RBT-4 RLT-4 Tan
G - RBT-1 RLT-1 Black
H - RBT-11 RLT-11 Terra Cotta
I - RBT-35 RLT-35 Sea Fog
J - RBT-36 RLT-36 Elephant
K - RBT-2 RLT-2 Brown
L - RBT-3 RLT-3 Charcoal
M - RBT-10 RLT-10 Pewter
N - RGT-759 Blue
O - RGT-756 Beige
P - RGT-703 Charcoal
Q - RGT-711 Terra Cotta
R - RGT-737 Ninja Grey
S - RGT-738 Willow Mist
T - RGT-754 Light Grey
U - RGT-704 Tan
V - RGT-753 Burgundy
W - RGT-702 Brown
X - RGT-735 Sea Fog
Y - RGT-701 Black

*Note: Use RBT prefix for ordering High Profile Tile and RLT prefix for Low Profile Tile.

RADIAL® RUBBER TILE

Radial® Rubber Tile is perfect for areas where safe footing is a must. The one inch diameter (2.54 cm), raised, circular studs reduce the hazard of slipping by allowing water to run off the edges, leaving the walking surface dry and particle-free. Its high profile (.050" raised disk) is recommended especially for heavy traffic areas such as showrooms, shopping centers, ramps, air terminals, elevator lobbies and stair landings. The low profile (.025" raised disk) is recommended for areas with vehicular traffic, such as retail stores and healthcare.

Look for our matching stair treads and accessories available in each Radial® color selection.

FEATURES AND BENEFITS

- * High grade rubber compound
- * Resists scuffing and gouging
- * Comfortable under foot
- * Easily cleaned with soap and water
- * Produced in two different styles: high profile for heavy traffic areas and low profile for light traffic areas
- * Superior resiliency
- * Tiles that won't shrink or separate

* Quieter than wood or ceramic tile

RADIAL® II RUBBER TILE

Radial® II is especially recommended for high traffic interiors where comfort and safety are essential. The large 1-1/4"(3.18 cm) diameter, raised studs are beveled to create a smoother, more stable walking surface than Radial®, and still permit dirt and spilled liquids to drain off. Plus, Radial® II provides impressive comfort underfoot while creating an innovative design alternative for high traffic interiors. Its contemporary color palette and matching stairway system assure a consistent, quality look over the life of the floor.

Matching stair treads and accessories are available in each Radial® II color selection.

FEATURES AND BENEFITS

- * High grade rubber compound
- * Superior resiliency
- * Quieter than wood or ceramic tile
- * Resists scuffing and gouging
- * Comfortable under foot
- * Easily cleaned with soap and water
- * Tiles won't shrink or separate

RGT-701 Black

RGT-702 Brown

RGT-703 Charcoal

RGT-704 Tan

RGT-711 Terra Cotta

RGT-735 Sea Fog

RGT-737 Ninja Grey

RGT-738 Willow Mist

RGT-753 Burgundy

RGT-754 Light Gray

RGT-756 Beige

RGT-759 Blue

RADIAL RUBBER TILE

1. PRODUCT NAME

FLEXCO Radial Rubber Tile and FLEXCO Radial II Rubber Tile

2. MANUFACTURER

FLEXCO Company

P.O. Box 553

Tuscumbia, AL 35674

Phone: (205) 383-7474

(800) 633-3151 (US)

(800) 223-5930 (AL)

3. PRODUCT DESCRIPTION

Basic Use: FLEXCO studded rubber tile is designed for use in high traffic areas. Dirt and liquids drain off the raised surface, reducing the risk of slipping. The raised stud gives superior traction. Matching stair treads are available (see "FLEXCO Rubber Stair Treads" SPEC-DATA sheet, Section 09650).

Limitations: FLEXCO Radial Rubber tile should not be used in commercial kitchens or other areas exposed to animal fats, vegetable oils, or grease. Excessive moisture in subfloors can cause a product failure. Exterior use is not recommended. Fading can occur from heavy direct or glass-filtered sunlight, or heavy ultra-violet rays.

Composition and Materials: Radial Tile is molded from a combination of synthetic SBR rubber, pigments, extenders, processing oils, and fillers.

Grades: Standard formulation is Class II fire rated. Class A formulation is Class I fire rated.

Colors: Radial 11 colors. Radial II 10 colors.

Gauge: Radial 1/8", and 3/16" (RBT only) Radial II 1/8"

Profile: (Radial)

High Profile -- 1" diameter stud raised .050" (RBT)

Low Profile -- 1" diameter stud raised .025" (RLT) Radial II 1-1/4" diameter stud raised .025" (RGT)

Size: Radial 17-13/16" x 17-13/16", Radial II 18" x 18"

Applicable Standards: ASTM-E-A62, ASTM-E-84-77A, SS-T-312B Type II, UL 992

4. TECHNICAL DATA

Radial Rubber Tile is formulated in two grades, Standard with a fire rating of Class II, and Class A with a fire rating of Class I.

- 1) Shore A Hardness ASTM-D-2240; Shore A Hardness > 85 per SS-T-312b Type II.
- 2) Tensile strength ASTM-D-412 > 1200 pounds per square inch.
- 3) Elongation ASTM-D-412 > 49%.
- 4) Conforms to ASTM F-1344-91.
- 5) ASTM-E -162 Standard formula 50 or less Class A 25 or less. ASTM-E-648 Class A > 1.08 Watts + per square centimeter. ASTM E-84 Standard formula 75 or less Class A formulation 25 or less.

5. INSTALLATION

General: Call FLEXCO if there are any questions regarding preparation of sub-floor prior to installation of FLEXCO products.

Things to Look for Prior to Installation:

- 1) Moisture
- 2) Light weight aggregate (moisture percent strength)
- 3) Excessive alkalis (should be neutralized)
- 4) Sealers and curing compounds -- repair and level with good latex underlayment.

Preparatory Work: All sub-floors must be dry, a moisture test should be performed prior to the installation of the tile. The test should be a calcium chloride test similar to the one recommended by the Rubber Manufacturing Association. The emission of moisture vapor from the concrete shall not be more than 3 lbs. per 1000 sq. feet per 24 hours. If the floor does not meet the moisture requirement the floor should not be installed until the problem has been corrected and

the floor brought within acceptable limits. Installation over old floor covering is NOT recommended.

Sub-Floors--

Wood: General Conditions: Wood subfloors must have at least 18" cross ventilated space between the joists and ground. Wood joist should be spaced on 16" centers with 1" boards on top installed diagonally and 1/2" or 3/8" plywood (underlayment Brand DFPA) underlayment, joints staggered, nailed on 6" centers with underlayment nails. Use exterior grade plywood if finished floors are subjected to excessive water.

Single Wood Sub-Floors: At least 1/2" or 3/4" plywood underlayment must be used.

Tongue and Groove: At least 1/2" to 3/4" plywood underlayment must be used.

Concrete and Terrazzo: The major problem with this type of sub-floor is moisture in both old or new concrete. Sand all concrete and terrazo sub-floors.

Adhesive Systems--

General: FLEXCO #76 epoxy must be used to install FLEXCO Radial and Radial II in all conditions.

Epoxy Adhesive:

- 1) Cut out the rim of Part "A" and Part "B" with can opener.
- 2) Thoroughly mix Part "A" and Part "B" separately and together, making sure all contents of smaller can are removed and mixed completely with contents of larger can.
- 3) Pour adhesive into an open flat pan or on the floor immediately after mixing and spread with 1/16" x 1/16" x 1/16" flat notched trowel.
- 4) Notches in the trowel will vary due to the sub-floor. Always check for proper transfer of adhesive.

NOTE: DO NOT LEAVE MIXED EPOXY ADHESIVE IN ORIGINAL CAN. THE HEAT GENERATED BY THIS CHEMICAL MIXTURE REDUCES THE OPEN TIME OF THE ADHESIVE.

5) After spreading adhesive, lay tile immediately, taking care to use kneeling boards or work off the tile whenever possible. Remove excessive adhesive from surface of tile with rag moistened with water or alcohol while adhesive is wet. **CAUTION:** Epoxy adhesives cannot be removed after they have set.

Open time of adhesive may vary. The installer should observe adhesive prior to rolling with a 150 lb. sectional roller. It is important not to roll the floor too quick after application of adhesive -- but MUST BE rolled prior to hardening.

CAUTION: KEEP FROM FREEZING.

Installation Procedure:

- 1) Heating and/or air conditioning must be operative for a minimum of one week prior to installation of tile, and temperature of at least 70 degrees should be maintained.
- 2) Tile and adhesive should be stored on the job site 24 hours prior to installation and tile removed from the cartons and back stack to facilitate equalization of temperature to assure tiles lie flat.
- 3) Tile should be loose laid in the room or area prior to spreading of adhesive to observe overall appearance and adjust border.

EVALUATION OF FLEXCO RADIAL RUBBER FLOOR TILE

Material: 5% Acetic Acid

Staining: None

Swelling: None

1 Hour Clean Up: Yes

24 Hour Clean Up: Yes
Shore A Hardness 24 Hours: 95

Material: Acetone
Staining: None
Swelling: None
1 Hour Clean Up: Yes
24 Hour Clean Up: Yes
Shore A Hardness 24 Hours: 94

Material: 28% Ammonia
Staining: Slight
Swelling: None
1 Hour Clean Up: Yes
24 Hour Clean Up: Yes
Shore A Hardness 24 Hours: 95

Material: Animal Blood
Staining: Dried
Swelling: None
1 Hour Clean Up: Yes
24 Hour Clean Up: Yes
Shore A Hardness 24 Hours: 95

Material: Carbon Tetrachloride
Staining: Slight
Swelling: Slight
1 Hour Clean Up: Yes
24 Hour Clean Up: Yes
Shore A Hardness 24 Hours: 95

Material: Chloroform
Staining: Slight
Swelling: None
1 Hour Clean Up: Yes
24 Hour Clean Up: Yes
Shore A Hardness 24 Hours: 96

Material: 70% Ethyl Alcohol
Staining: None
Swelling: None
1 Hour Clean Up: Yes
24 Hour Clean Up: Yes
Shore A Hardness 24 Hours: 96

Material: 37% Formaldehyde
Staining: None
Swelling: None
1 Hour Clean Up: Yes
24 Hour Clean Up: Yes
Shore A Hardness 24 Hours: 95

Material: 0.5% Muriatic Acid
Staining: Slight
Swelling: None
1 Hour Clean Up: Yes
24 Hour Clean Up: No
Shore A Hardness 24 Hours: 95

Material: 2% Tincture of Iodine
Staining: Slight
Swelling: None
1 Hour Clean Up: No*
24 Hour Clean Up: No
Shore A Hardness 24 Hours: 96

*Wash within one hour with alcohol

6. AVAILABILITY AND COST

Availability: FLEXCO Radial and Radial II Tile are available through FLEXCO distributors. Contact FLEXCO for list of FLEXCO distributors.

Cost: The applied cost of FLEXCO Rubber Tile will vary with job conditions, job size and quantities of material. Contact FLEXCO for further information.

7. WARRANTY

LIMITED WARRANTY: Robbins Tire and Rubber Company, Inc. hereinafter referred to as FLEXCO, manufactures and markets its floor products under the trade name FLEXCO. FLEXCO products are warranted for a period of one year from date of installation to be free of defects in material and workmanship if installed, maintained and used strictly in accordance with FLEXCO's written instructions available from your dealer or by writing FLEXCO, Attn: Manager, Product Services, P.O. Box 553, Tuscumbia, AL 35674. Notice of any defect must be made in writing to FLEXCO within 30 days after buyer learns of the defect. No merchandise is to be returned prior to FLEXCO's inspection and written approval. Buyer's exclusive remedy against FLEXCO and Dealer for claims arising hereunder for any and all losses and damages resulting from any cause shall be receipt of at FLEXCO's option, either replacement of the defective merchandise or a refund of the sale price of the defective merchandise. Buyer waives all other claims and remedies of any nature. THESE WARRANTIES ARE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. By retaining FLEXCO's merchandise for more than 5 days after receipt of such merchandise, buyer agrees that it accepts the terms of this limited warranty and that there are no warranties or rights beyond those contained herein.

Please contact FLEXCO for specific details on Conductive, Static Dissipative, and Flex-Tuft Tile warranties, 1-800-633-3151.

8. MAINTENANCE

Maintenance Instructions:

1) Remove loose dirt by sweeping or vacuuming daily.

- 2) The raised design of RADIAL allows dirt to drop below the wear surface, preventing excessive surface wear, but his unique design does not eliminate good maintenance programming.
- 3) Clean floor thoroughly with a good grade or commercial floor cleaner.
- 4) Use a power buffer with 1-1/2" scrubbing brush for extremely dirty floors.
- 5) Rinse floor with clear warm water, changing rinse water frequently to avoid leaving dirty residue on the floor.
- 6) Buff with polishing brush for high sheen.

DO NOT USE SWEEPING COMPOUND CONTAINING OIL.

Insufficient cleaning will reduce the wear life of your radial floor, and excessive cleaning is an unnecessary expense. We suggest the first month should be used as a test period to assess the best procedure for your continued programming.

NOTE: RUBBER TILE IS NOT RECOMMENDED FOR INSTALLATION IN COMMERCIAL KITCHENS.

9. TECHNICAL SERVICES

Further technical information may be obtained from FLEXCO. Call (800) 633-3151 or (205) 383-7474.

10. FILING SYSTEMS

FLEXCO Specifications are available in the Sweet's Catalog, in SPEC-DATA II format and on 5-1/4" floppy disk for many computer systems and word processors.