

**Tuflex® Titan**  
 recycled rubber tile  
**MADE IN THE USA**  
**PRODUCT QUICK SPEC**



**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](http://www.roppe.com)

**2. Product Description**

Tuflex Recycled Rubber Flooring Tile for interior and exterior sports and commercial applications are proven in the industry since 1957. Tuflex is the flooring choice for many professional sports facilities that house the NFL, NHL, MLB and NBA. Tuflex Tiles are manufactured with a patented vulcanization process using predominantly recycled rubber. Titan is available in both interlocking and square edge tile, in seven colors, plus Ebony and contains 95% post-consumer recycled content.

**Square Tiles** are available in 27"x27" (685.8mm x 685.8mm) x 3/8" (9.00mm) thickness

**Interlocking Tiles** are available in 27"x27" (685.8mm x 685.8mm) x 3/8" (9.00mm) thickness

**Titan Square Edge & Titan Interlocking Tiles:**

**Dimensions:** 27"x27" (685.8mm x 685.8mm) nominal

**Gauge:** 3/8" (9.00mm) nominal

**Approximate Tile Weight:** 11 lbs.

**Packaging:** Unboxed Tiles – stretch, shrink wrapped & palletized

**Standard Colors:** 849 Ebony, 050 Confetti, 970 Crimson, 976 Hunter, 977 Natural, 978 Pacific, 982 Taupe and 935 Snowfall ~ 950 Confetti available in 1/4" color chips.

**Caution:** When measuring for the installation of Inter-Locking Tile, the actual tile size is not a "true" 27"x27" (685.8mm x 685.8mm) due to interlocking tabs. Therefore, all job measuring and installation must be based on 25 3/4" x 25 3/4" (654mm x 654mm) or 4.6 sq/ft per tile.



**3. Technical Data**

- ASTM D-2240, Hardness 60±5 pts.
- Taber Abrasions ASTM C-501 -1kg wt 7,000 cycles 6.0% (max) wt loss.
- Tear Resistance ASTM D-624, 93±15 lbs/in
- Tensile Strength ASTM D-412, 525±100 psi
- Elongation ASTM D-412, 130% ± 25%.
- 100% Modulus ASTM D-412, 390±50 psi
- Compression Set ASTM D-395 method B, 6.0% ± 1%.
- Squareness Tolerance, ±0.031inch
- Gauge Tolerance, -0.005 in (-0.127mm)±0.015in (+0.381)
- Ozone Resistance: Passes ASTM D1149-50 pphm, 70 hrs @ 104° F, Bent Loop Method
- Impact Resistance ASTM D-2632, 32.0% Rebound
- Coefficient of Friction ASTM D-2047, 1.20 (dry)
- Critical Radiant Flux ASTM E-648 Class II, 0.25 watts per sq. cm
- Specific Gravity, 1.14±0.03
- Acoustic Properties, 0.60 Sound Absorption Coefficient
- Stain Resistance, Good
- Chemical Resistance: Good
- Spike/Skate Traffic: Excellent. R Value (Thermal Insulation) 0.29 ft2 hr F/Btu (0.51 K m2/W).

**4. Installation\*** (Visit [roppe.com](http://roppe.com) for complete Installation instructions)

All materials are to be delivered to the installation location in its original packaging with labels intact. Store products in a dry area protected from the weather on a smooth, flat, dry surface with temperatures maintained between 65°F (19°C) and 85°F (30°C). Remove all plastic wrapping and strapping from the pallets in the installation area at least 48 hours prior to installation and stack evenly no more than 18" high. The installation area, substrate, tile, feature strips and adhesive are to be maintained between 65°F (19°C) and 85°F (30°C) for at least 48 hours before, during and after installation. For exterior installations, the substrate, tile, feature strips and adhesive are to be maintained between 65°F (19°C) and 85°F (30°C) for at least 72 hours before, during and after installation. After 72 hours, the adhesive has fully cured which will accommodate exterior temperature changes. Caution: Exposure to rain within 72 hours after installation may slow the adhesive set up time, and may adversely affect eh adhesive, resulting in an installation failure. Therefore, use extreme caution when installing outdoors.

**Adhesives**

**ROP635** Solvent-Free Moisture-Cured Polyurethane Adhesive is a premium one-part adhesive designed for high performance installations of Tuflex Square Edge Tile for interior installations over concrete, approved wood substrates, metal and other non-porous substrates, on grade, below grade, or above grade. For exterior installations, ROP635 is recommended over concrete and highway grade asphalt only.

**Roppe 535U** "Universal" Urethane Enhanced Epoxy is a solvent-free, two-component adhesive for high performance 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. For installations within six-feet of ice skating rinks, ROP535U Two-Part Urethane Enhanced Epoxy Adhesive must be used. The substrates temperature range when applying ROP535U must be no less than 40°F (5°C).

**5. Maintenance\*** (Visit [roppe.com](http://roppe.com) for complete Maintenance instructions)

Due to the natural tendencies of recycled rubber, all interior installations of Tuflex Rubber Tiles are required to be cleaned and sealed upon completion of the installation using the recommended procedures and products. All exterior installations must be cleaned only upon completion of the installation using the recommended procedures and products.

**6. Availability and Cost**

Products are available through Roppe distributors. Contact Roppe Customer Service (800) 537-9527 or visit [www.roppe.com](http://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](http://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](http://www.roppe.com).

**8. Limited Warranty**

Roppe warrants Tuflex (Titan and Spartus) to be free of manufacturing defects for a period of up to five (5) years from the date of original purchase.

**\*For complete installation and maintenance instructions visit [www.roppe.com](http://www.roppe.com).**

