

Defiant™ Oil & Grease Resistant Tile

Product Specification

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. **Proprietary Product:** Defiant Resilient Rubber Floor Tiles are specifically formulated for areas exposed to oils and greases, A.D.A. Compliant.

1.2. **Manufacturer:**

Tarkett North America Phone: (800) 899-8916
30000 Aurora Rd. (440) 543-8916
Solon, Ohio 44139
Web: www.tarkett.com

1.3. **Proprietary Product Description:**

1.3.1. **Construction:** Tarkett Rubber Floor Tiles are manufactured from a homogeneous composition of 100% synthetic rubber, high quality additives, and colorants to meet the performance requirements of ASTM F1344, Type 1-A and 1-B, Grade 1 Specification for Rubber Floor Tile.

Tarkett Rubber Floor Tiles are designed for interior applications only and recommended for environments where the product will be exposed to animal fats, vegetable oils, or petroleum based materials. Tarkett rubber floor tiles require the use of chair pads or chairs with casters designed for resilient flooring in work stations or similar environments. Tarkett rubber floor tiles are not warranted against cuts or lack of protection under caster wheels designed for carpeting or other types of flooring.

1.3.2. **Styles & Physical Characteristics:**

Defiant Round Raised Round Pattern Rubber Tile:

- **GRRT (Solid) & GRRT SP (Speckled)**
- **Size:** 24" x 24" (61 cm x 61 cm)
- **Thickness:** 0.125" (3.17 mm)
- **Disk Height:** .025" (.64 mm)
- **Weight Per Tile:** 4.4 lbs. (2.0 kgs)
- **Weight Per Carton:** 35 lbs. (15.9 kgs)
- **Sq. ft Per Carton:** 32 ft² (2.9 m²) / 8 tiles per carton 4 ft²

Defiant Hammered Pattern Rubber Tile:

- **GRHRT (Solid) & GRHRT SP (Speckled)**
- **Size:** 24" x 24" (61 cm x 61 cm)
- **Thickness:** 0.125" (3.17 mm)
- **Weight Per Tile:** 4 lbs. (1.8 kgs)
- **Weight Per Carton:** 32 lbs (14.5 kgs)
- **Sq Ft Per Carton:** 32 ft² (2.9 m²) / 8 tiles per carton

PRIMA™ MARBLEIZED Hammered Rubber Tile:

- **GRHRT**
- **Size:** 12" x 12" (30.5 cm x 30.5 cm)
- **Thickness:** 0.125" (3.17 mm)
- **Weight Per Tile:** 1 lb. (0.5 kg)
- **Weight Per Carton:** 40 lbs. (18.1 kgs)
- **Sq. ft Per Carton:** 40 ft² (3.7 m²) / 40 tiles per carton

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

- 2.1. **Hardness** (ASTM D2240): ≥ 85 Shore A
- 2.2. **Abrasion Resistance** (ASTM D3389): < 1.00 gm loss
- 2.3. **Slip Resistance** (ASTM D2047): ≥ 0.5 SCOF
- 2.4. **Color Heat Stability** (ASTM F1514): < 8.0 ΔE
- 2.5. **Static Load Limit** (ASTM F970): Passes at 250 psi with less than 0.005" residual indentation
- 2.6. **Oil Resistance** (ASTM D471): Animal fats, vegetable oils, mineral oils, motor oils, hydraulic oils, and anti freeze.
- 2.7. **Fire Resistance:**
ASTM E648/NFPA 253 (Critical Radiant Flux) – Class 1
ASTM E662/NFPA 258 (Smoke Density) – 450 or less
- 2.8. **Chemical Resistance** (ASTM F925): Passes – 5% Acetic acid, 70% Isopropyl alcohol, Sodium hydroxide solution (5% NaOH), Hydrochloric acid solution (5% HCl), Sulfuric acid solution (5% H₂SO₄), Household ammonia solution (5% NH₄OH), Household bleach (5.25% NaOCl)
- 2.9. **CAN/ULC S102.2:** FSR 5 / SDC 80

3. INSTALLATION

See Rubber Tile installation instructions for complete details.

3.1. **Adhesives:**

- **Tarkett 965 Adhesive Coverage:**
Porous Substrate: 125-150 sq. ft. per gallon
Non-porous Substrate: 150-175 sq. ft. per gallon
- **Tarkett 996 Two-Part Epoxy Adhesive Coverage:**
Porous & Non-porous Substrate: 150-175 sq. ft. per gallon
- **Tarkett 975 Two-Part Polyurethane Adhesive Coverage:**
Porous & Non-porous Substrate: 150-175 sq. ft. per gallon
- **Tarkett 901 SpraySmart Adhesive Coverage:**
Porous & Non-porous Substrate: 80 sq. ft. per can (480 sq. ft. per carton)

Tarkett North America

Technical Services Department
30000 Aurora Road
Solon, Ohio 44139
800.899.8916
info@tarkettna.com
www.tarkett.com

4. AVAILABILITY AND COST

Available through authorized Tarkett distributors nationwide.

5. MAINTENANCE

72 hours after installation is completed, initial maintenance procedures must be implemented in accordance with manufacturer's requirements. Refer to Defiant Rubber Tile Maintenance Instructions for complete maintenance details.

6. TECHNICAL SERVICES

Visit us on the web at www.tarkett.com

Contact Technical Support at (800) 899-8916 or E-mail:

Resilient.TechnicalSupport@Tarkett.com

Samples: Submittal samples for verification and approval available upon request from Tarkett. Samples shall be submitted in compliance with the requirements of the contract documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

7. WARRANTY

Limited 5 year warranty. For complete details, contact Tarkett or an authorized Tarkett distributor.

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