



JOHNSONITE RUBBER TILE FLOORING

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	Phone: (800) 899-8916
30000 Aurora Rd.	(440) 543-8916
Solon, Ohio 44139	Tech: Ext 9297
Web: www.tarketna.com	Samples: Ext 9299
E-mail: info@johnsonite.com	

1.3. Proprietary Product Description:

1.3.1. Construction: Johnsonite 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 F 1344, Class 1-A and 1-B Standard Specification for Rubber Floor Tile.

Johnsonite 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. Johnsonite rubber floor tiles require the use of chair pads or chairs with casters designed for resilient flooring in work stations or similar environments. Johnsonite 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. Physical Characteristics:

Defiant Round Raised Disk Pattern Rubber Tile: 24" x 24" (61 cm x 61 cm), thickness of .125" (3.17 mm), disk height of .025" (.64 mm), eight (8) tiles per carton – 32 ft² (2.9 m²), total carton weight of 35 lbs

Defiant Hammered Pattern Rubber Tile: 24" x 24" (61 cm x 61 cm), thickness of .125" (3.17 mm), eight (8) tiles per carton – 32 ft² (2.9 m²), total carton weight of 32 lbs

PRIMA™ MARBLEIZED Hammered Rubber Tile: 12" x 12" (30.5 cm x 30.5 cm), thickness of .125" (3.17 mm), Forty (40) tiles per carton 40 ft² (3.7 m²), total carton weight of 40 lbs

1.3.3. Styles:

GRRT – Defiant Round Raised Disk Pattern Rubber Tile

GRRTSP (speckled colors) – Defiant Round Raised Disk Pattern Rubber Tile

GRHRT (solid colors) – Defiant Hammered Pattern Rubber Tile

GRHTRSP (speckled colors) – Defiant Hammered Pattern Rubber Tile

GRHRTP – Defiant PRIMA™ MARBLEIZED Hammered Rubber Tile

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1. Hardness (ASTM D 2240): 80 Shore A

2.2. Abrasion Resistance (ASTM D 3389): < 1.00 gm loss

2.3. Slip Resistance (ASTM D 2047): ≥ 0.8

2.4. Color Heat Stability (ASTM F 1514): < 8.0 ΔE

2.5. Static Load Limit (ASTM F 970): Passes at 250 psi with less than 0.005" residual indentation

2.6. Oil Resistance (ASTM D 471): Animal fats, vegetable oils, mineral oils, motor oils, hydraulic oils, and anti freeze.

2.7. Fire Resistance:

ASTM E 648/NFPA 253 (Critical Radiant Flux) – Class 1

ASTM E 662/NFPA 258 (Smoke Density) – 450 or less

2.8. Chemical Resistance (ASTM F 925): 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)

3. INSTALLATION

See Defiant rubber flooring 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)

4. AVAILABILITY AND COST

Available through authorized Tarkett distributors nationwide.

5. WARRANTY

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

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6. 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.

7. TECHNICAL SERVICES

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.

For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at www.tarkettna.com or contact Tarkett at 1-800-899-8916.



THE ULTIMATE
FLOORING EXPERIENCE

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