

## Resilient Rubber Floor Tile

### 1. PROPRIETARY PRODUCT/MANUFACTURER

**1.1 Proprietary Product:** Resilient Rubber Floor Tiles -  
A.D.A. Compliant – FloorScore Certified

#### 1.2 Manufacturer:

Burke Flooring  
2250 South Tenth Street  
San Jose, California 95112  
Phone: (800) 447-8442  
(352) 357-4119  
Fax: (352) 357-9660  
Samples: Ext 1031  
Web: www.burkeflooring.com

#### 1.3 Proprietary Product Description:

**1.3.1 Construction:** Burke Rouleau and Endura 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. Burke Rubber Floor Tiles are designed for interior applications only and not recommended for environments where the product will be exposed to animal fats, vegetable oils, or petroleum based materials (e.g.: commercial kitchens). Burke rubber floor tiles require the use of chair pads or chairs with casters designed for resilient flooring in work stations or similar environments. Burke 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:

##### Rouleau Round Raised Disk Pattern Rubber Floor Tile (Solid Color):

Thickness: .12" (3.05 mm)  
Disk Height: .015" (.381 mm)  
Sizes: 19-11/16" x 19-11/16" (50 cm x 50 cm)  
25 tiles/ctn, [(67.25 sq. ft), (6.25 sq. m.)]  
60 lbs/ctn (27 kgs/ctn)

##### Rouleau Square Raised Disk Pattern Rubber Floor Tile (Solid Color):

Thickness: .125" (1/8") (3.17 mm)  
Disk Height: .025" (.635 mm)  
Sizes: 18-1/8" x 18-1/8" (46 cm x 46 cm)  
20 tiles/ctn, [(45.6 sq. ft), (4.24 sq. m.)]  
44 lbs/ctn (20 kgs/ctn)

##### Burke Marble Smooth Surface Rubber Floor Tile:

Thickness: .125" (1/8") (3.17 mm)  
Disk Height: N/A  
Sizes: 12" x 12" (30.5 cm x 30.5 cm)  
48 tiles/ctn, [(48 sq. ft), (4.46 sq. m.)]  
62 lbs/ctn (28 kgs/ctn)

##### Burke MarbHD High Definition Smooth Surface Rubber Floor Tile:

Thickness: .125" (1/8") (3.17 mm)  
Disk Height: N/A  
Sizes: 18-1/8" x 18-1/8" (46 cm x 46 cm)  
20 tiles/ctn, [(45.6 sq. ft), (4.24 sq. m.)]  
44 lbs/ctn (20 kgs/ctn)

##### Endura Round Raised Disk Pattern Rubber Tile (Solid Color):

Thickness: .125" (1/8") (3.17 mm)  
Disk Height: .025" (.635 mm)  
Sizes: 18-1/8" x 18-1/8" (46 cm x 46 cm)  
20 tiles/ctn, [(45.6 sq. ft), (4.24 sq. m.)]  
44 lbs/ctn (20 kgs/ctn)  
36-1/8" x 36-1/8" (91.8 cm x 91.8 cm)  
(palletized, covered & shrink-wrapped)

##### Endura Square Raised Disk Pattern Rubber Floor Tile (Solid and Speckled Color):

Thickness: .125" (1/8") (3.17 mm)  
Disk Height: .025" (.635 mm)  
Sizes: 18-1/8" x 18-1/8" (46 cm x 46 cm)  
20 tiles/ctn, [(45.6 sq. ft), (4.24 sq. m.)]  
44 lbs/ctn (20 kgs/ctn)  
36-1/4" x 36-1/4" (92 cm x 92 cm)  
(palletized, covered & shrink-wrapped)

##### Endura Sculptured Surface Rubber Floor Tile (Solid and Speckled Color):

Thickness: .125" (1/8") (3.17 mm)  
Disk Height: N/A  
Sizes: 18-1/8" x 18-1/8" (46 cm x 46 cm)  
20 tiles/ctn, [(45.6 sq. ft), (4.24 sq. m.)]  
44 lbs/ctn (20 kgs/ctn)  
36" x 36" (91.4 cm x 91.4 cm)  
(palletized, covered & shrink-wrapped)

**Endura High Round Raised Disk Rubber Floor Tile (Solid Color):**

Thickness: .18" (4.57 mm)

Disk Height: .05" (1.27 mm)

Sizes: 36-1/8" x 36-1/8" (91.8 cm x 91.8 cm)

(palletized, covered & shrink-wrapped)

**Endura High Square Raised Disk Rubber Floor Tile (Solid and Speckled Color):**

Thickness: .18" (4.57 mm)

Disk Height: .05" (1.27 mm)

Sizes: 36-1/8" x 36-1/8" (91.8 cm x 91.8 cm)

(palletized, covered & shrink-wrapped)

**Endura Simply Smooth Surface Rubber Floor Tile (Speckled Color):**

Thickness: .100" (2.54 mm)

Disk Height: N/A

Sizes: 35-1/2" x 35-1/2" (90.2 cm x 90.2 cm)

(palletized, covered & shrink-wrapped)

**2. PRODUCT PERFORMANCE AND TECHNICAL DATA**

**2.1 Hardness:** ASTM D 2240:  $\geq 85$  Shore A

**2.2 Abrasion Resistance:** ASTM D 3389:  $< 1.0$  gm loss

**2.3 Slip Resistance:** ASTM D 2047:  $\text{COF} \geq 0.5$

**2.4 Color Heat Stability:** ASTM F 1514:  $< 8.0 \Delta E$

**2.5 Static Load Limit:** ASTM F 970: 250 PSI

**2.6 Fire Resistance:**

**2.6.1** ASTM E 648/NFPA 253: Class 1

(Critical Radiant Flux)

**2.6.2** ASTM E 662/NFPA 258: less than 450

(Smoke Density)

**2.7 Chemical Resistance:** ASTM F 925: Passed - 5% Acetic acid, 70% Isopropyl alcohol, Sodium hydroxide solution (5% NaOH), Hydrochloric acid solution (5% HCl), Sulfuric acid solution (5% H<sub>2</sub>SO<sub>4</sub>), Household ammonia solution (5% NH<sub>4</sub>OH), Household bleach (5.25% NaOCl), Disinfectant cleaner (5% active phenol)

**3. INSTALLATION**

The installation of Burke Rubber Floor Tiles should not begin until the work of all other trades has been completed, especially overhead trades. The areas to receive flooring materials shall be clean and fully enclosed. The area should be maintained at a minimum of 65° F and a maximum of 75° F for 48 hours before the installation, during the installation and for 48 hours after the installation is completed. The flooring materials and adhesives shall be conditioned in the same manner. Wood subfloors must have a minimum 18" (47 cm) of cross ventilated space between the bottom of the joist and ground. Exposed earth crawl spaces should be sealed with a polyethylene moisture barrier. Subfloors should meet local and national building codes. Trade associations, such as the American Plywood Association (APA), offer structural guidelines for meeting various code requirements. Single

Wood and Tongue and Groove subfloors should be covered with 1/4" (6.4 mm) or 1/2" (13 mm) APA approved underlayment plywood. Use 1/4" (6.4 mm) thick underlayment panels for boards with a face width of 3" (76 mm) or less. For boards wider than 3" (76 mm) face width use 1/2" (13 mm) underlayment panels. Countersink nail heads and fill depressions, joints, cracks, gouges, and chipped edges with a good quality Portland cement based patching compound. Do not install over OSB (Oriented Strand Board), particle board, chipboard, lauan, or composite type underlayment. Concrete shall be prepared utilizing ASTM F 710, Practice for Preparing Concrete Floors and Other Monolithic Floors to Receive Resilient Flooring. Floors shall be smooth, flat, permanently dry, clean, and free of all foreign material such as dust, paint, grease, oils, solvents, curing and hardening compounds, sealers, asphalt, and old adhesive residue. Floor covering shall not be installed over expansion joints. It is essential that moisture tests be taken on all concrete floors regardless of age and grade level. One test should be conducted for every 1,000 sq. ft. of flooring and the results not exceed 5 lbs. per 1,000 sq. ft. in 24 hours when tested in accordance with ASTM F 1869 Standard Test method for Measuring Vapor Emission Rate of Concrete Subfloor using Anhydrous Calcium Chloride or 80% when tested accordance with ASTM F 2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using *in situ* Probes. If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected.

**3.1. Adhesives:**

**Burke #BR-711** Flooring & Tread Adhesive:

**Porous Substrates:** 1/16" square-notched trowel (Approximately 125 - 150 sq ft /gal)

**Non-Porous Substrates:** 1/16" V-notched trowel (Approximately 150 - 175 sq ft /gal)

**Important:** This adhesive is substrate porosity sensitive. Determine if the substrate is porous or non-porous prior to application of the adhesive and installation of the flooring products and follow the appropriate instructions.

**Burke #BR-721** Two-Part Epoxy Adhesive:

**Trowel:** 1/16" square-notched trowel (Approximately 125 - 150 sq. ft/gal)

**Burke #BR-725** Two-Part Urethane Adhesive:

Trowel: 1/16" square-notched trowel (Approximately 125 - 150 sq. ft/gal)

**4. INSTALLATION MANUAL**

Refer to Burke Rubber Floor Tile installation instructions for complete installation details.

## **5. AVAILABILITY AND COST**

Available through authorized Burke distributors nationwide.

## **6. WARRANTY**

Limited 5 and 10 year wear warranties available.

For complete details, contact Burke or an authorized Burke distributor.

## **7. MAINTENANCE**

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

## **8. TECHNICAL SERVICES**

**Samples:** Submittal samples for verification and approval available upon request from Burke. 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.BurkeFlooring.com](http://www.BurkeFlooring.com) or contact Burke at 1-800-447-8442.