



## Specification Data -- RESILIENT TILE FLOORING 09 65 19

### **Burke Rubber Flooring Specification Including Rouleau and Endura Rubber Tile & Rubber Stair Treads**

#### 1.01 SUMMARY

Specifier Note: Article below may be omitted when specifying manufacturer's proprietary products and recommended installation. Retain Reference Article when specifying products and installation by an industry reference standard. If retained, list standard(s) referenced in this section. Indicate issuing authority name, acronym, standard designation and title. Establish policy for indicating edition date of standard referenced. Conditions of the Contract or Section 01 42 19 - Reference Standards may establish the edition date of standards. This article does not require compliance with standard, but is merely a listing of references used. Article below should list only those industry standards referenced in this section.

#### 1.02 REFERENCES

##### A. ASTM International (ASTM):

1. ASTM C501 Standard Test Method for Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abrader.
2. ASTM D2047 Standard Test Method for Static Coefficient of Friction of Polish-Coated Flooring Surfaces as Measured by the James Machine.
3. ASTM D2240 Standard Test Method for Rubber Property - Durometer Hardness.
4. ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.
5. ASTM E648 Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source.
6. ASTM F1344 Standard Specification for Rubber Floor Tile.

Specifier Note: Article below includes submittal of relevant data to be furnished by Contractor before, during or after construction. Coordinate this article with Architect's and Contractor's duties and responsibilities in Conditions of the Contract and Section [01 33 00 - Submittals Procedures] [ ]

#### 1.03 SYSTEM DESCRIPTION

##### A. Performance Requirements:

1. Fire Performance:
  - a. Critical radiant flux (ASTM E648): Greater than 1.07 watts per square centimeter.
  - b. Surface burning characteristics (ASTM E84):
    - 1) Flame spread: 50, maximum.
    - 2) Smoke Developed: 450, maximum.

Specifier Note: Products with a flame spread of 25 or less are available on special order, 2500 ft<sup>2</sup> (232 m<sup>2</sup>) minimum.

#### 1.04 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Section [01 33 00 - Submittal Procedures] [       ] ↓.
- B. Product Data: Submit product data, including manufacturer's SPEC-DATA® sheet, for specified products. Specifier Note: Edit paragraph below to conform to project requirements.
- C. Samples: Submit full size samples of specified tile(s) and 12 inch (305 mm) samples of specified stair treads and risers.
- D. Quality Control Submittals:
  - 1. Manufacturer's Instructions: Manufacturer's installation instructions.
- E. Closeout Submittals:
  - 1. Warranty: Manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents.

Specifier Note: Article below should include prerequisites, standards, limitations and criteria that establish an overall level of quality for products and workmanship for this section. Coordinate article below with Division 01 Quality Assurance Section.

#### 1.05 QUALITY ASSURANCE

- A. Regulatory Requirements: In accordance with Section [01 41 00 - Regulatory Requirements] [       ] ↓.

#### 1.06 DELIVERY, STORAGE & HANDLING

- A. General: Comply with Section [01 61 00 - Common Product Requirements] [       ] ↓.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

Specifier Note: Coordinate article below with Conditions of the Contract and with Section 01 78 36 - Warranties.

#### 1.07 WARRANTY

- A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.
- B. Manufacturer's Warranty: Submit in accordance with Section [01 78 36 - Warranties] [       ] ↓ for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents.

Specifier Note: Insert warranty period below, 10 years for Endura or 5 years for Rouleau.

- 1. Warranty Period: [       ] years commencing on Date of Substantial Completion.

**PART 2 PRODUCTS**

Specifier Note: Retain article below for proprietary method specification. Add product attributes performance characteristics, material standards and descriptions as applicable. Use of “or equal” or “or approved equal” or similar phrases may cause ambiguity in specifications. Such phrases require verification (procedural, legal and regulatory) and assignment of responsibility for determining “or equal” products.

**2.01 RESILIENT TILE FLOORING****A. Manufacturer: Burke Flooring Products.**

1. Contact: 2250 S. Tenth St., San Jose, CA 95112; Telephone: (800) 669-7010, (408) 297-3500; Fax: (408) 295-8144; website: [www.burkeflooring.com](http://www.burkeflooring.com) [www.endura-flooring.com](http://www.endura-flooring.com)

Specifier Note: Retain one or both of the products below to conform to project requirements; if more than one product is retained, create designators and coordinate with the drawings.

**B. Endura-Small Tile:**

Specifier Note: Select method of designating color(s) below. Refer to manufacturer’s catalog for standard range of colors.

1. Color: [As indicated on the drawings] [As selected by the architect from the manufacturer’s range of standard colors] [\_\_\_\_\_].

Specifier Note: Select relief pattern below. Domino relief pattern requires 2500 ft<sup>2</sup> (232 m<sup>2</sup>) minimum order.

2. Relief Pattern: [Sculptured] [Round] [Square] [Domino].
3. Size: 18.125 inches (460 mm) square.
4. Thickness: 0.13 inch (3.18 mm) thick.
5. Abrasion Resistance (ASTM C501): Greater than 0.5 grams.
6. Slip Resistance (ASTM D2047): Greater than 0.85.
7. Hardness (ASTM D2240): Shore A of not less than 85.
8. Rubber Floor Tile Designation (ASTM F1344): Class 1A.

**C. Endura-Large Tile:**

Specifier Note: Select method of designating color(s) below. Refer to manufacturer’s catalog for standard range of colors.

1. Color: [As indicated on the drawings] [As selected by the architect from the manufacturer’s range of standard colors] [\_\_\_\_\_].

Specifier Note: Select relief pattern, size and thickness below. SimplySmooth in Flecksibles colors is standard. All others require 2500 ft<sup>2</sup> (232 m<sup>2</sup>) minimum order.

2. Relief Pattern Size and Thickness: [Sculptured, 36 inches square × 0.16 inch thick (914 × 4.06 mm)] [Round, 36.125 inches square × 0.16 inch thick (918 × 4.06 mm)] [Square, 36.25 inches square × 0.16 inch thick (921 × 4.06 mm)] [Bison, 36.125 inches square × 0.25 inch thick (918 × 6.4 mm)] [SimplySmooth, 35.5 inches square × 0.10 inch thick (902 × 2.54 mm) square].
3. Abrasion Resistance (ASTM C501): Greater than 0.5 grams.
4. Slip Resistance (ASTM D2047): Greater than 0.8.
5. Hardness (ASTM D2240): Shore A of not less than 85.
6. Rubber Floor Tile Designation (ASTM F1344): Class 1A.

## D. Rouleau:

Specifier Note: Select method of designating color(s) below. Refer to manufacturer's catalog for standard range of colors.

1. Color: [As indicated on the drawings] [As selected by the architect from the manufacturer's range of standard colors] [\_\_\_\_\_].

Specifier Note: Select relief pattern below.

2. Relief Pattern: Round.
3. Size: 19.68 inches (500 mm) square.
4. Thickness: 0.12 inch (3.05 mm) thick.
5. Abrasion Resistance (ASTM C501): Greater than 0.5 grams.
6. Slip Resistance (ASTM D2047): Greater than 0.85.
7. Hardness (ASTM D2240): Shore A of not less than 85.
8. Rubber Floor Tile Designation (ASTM F1344): Class 1A.

## 2.02 ACCESSORIES

Specifier Note: Edit tread paragraphs below to conform to project requirements.

## A. Endura Stair Treads:

1. Length: [36 inches (914 mm)] [48 inches (1219 mm)] [60 inches (1524 mm)] [72 inches (1829 mm)].
2. Relief Pattern and Tread Depth: [Round, 13 inches (330 mm)] [Square, 13 inches (330 mm)] [Sculptured Uni-Step, 22 inches (559 mm)].
3. Riser Height: 7 inches (178 mm).
4. Striping: Provide striping for the visually impaired.

## B. Rouleau Stair Treads:

1. Length: [36 inches (914 mm)] [48 inches (1219 mm)] [60 inches (1524 mm)] [72 inches (1829 mm)].
2. Relief Pattern and Tread Depth: [Round, 12.25 inches (311 mm)] [Square, 13 inches (330 mm)] [Round Uni-Step, 22 inches (559 mm)] [Diamond, 12.25 inches (311 mm)] [Marbled Smooth, 12 inches (305 mm)].
3. Riser Height: 7 inches (178 mm).
4. Striping: Provide striping for the visually impaired.

Specifier Note: The Endura 118 and BR-711 adhesives are for treads only. Retain these adhesives, and the tape, only if the project includes treads.

C. Adhesives: [BR-721 Burke Flooring Epoxy] [BR-725 Burke Flooring Urethane] [BR 711 Burke Stair Tread Adhesive.]

D. Tread and Landing Tape: Endura Insta-Step.

## 2.03 PRODUCT SUBSTITUTIONS

A. Substitutions: Substitutions in accordance with Section [01 25 13 - Product Substitution Procedures] [No substitutions permitted] [ ] .

## **PART 3 EXECUTION**

### **3.01 MANUFACTURER'S INSTRUCTIONS**

A. Compliance: Comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions and product carton instructions for installation.

### **3.02 EXAMINATION**

A. Site Verification of Conditions: Verify that substrates installed under other sections are acceptable for product installation in accordance with manufacturer's instructions.

### **3.03 INSTALLATION**

Specifier Note: Edit paragraphs below to conform to project requirements.

- A. Orientation of Tile Grid: [Square to room axis] [45 degrees to room axis] [As indicated on the drawings] [ ] [ ]
- B. Alignment of Tile: [Grain running in one direction] [Grain reversed in adjacent tiles] [Color pattern as indicated on the drawings] [ ] [ ]

### **3.04 CLEANUP**

A. Proceed in accordance with Section [01 74 11 - Cleaning] [ ] [ ]

B. Upon completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.