



Specification Data -- RESILIENT TILE FLOORING 09 65 13.23

Mercer Linear Series Vinyl and Type TP Rubber Stair Tread Specifications

PART 1 GENERAL

1.01 THIS SECTION INCLUDES;

- A. Flooring and accessories as shown on the drawings and schedules and as indicated by the requirements of this section.

1.02 RELATED DOCUMENTS

- A. Drawings and General Provisions of the Contract (including General and Supplementary Conditions and Division 1 sections) apply to the work of this section.

1.03 RELATED SECTIONS

- A. Other Division 9 sections for floor finishes related to this section but not the work of this section.
- B. Division 3 Concrete; not the work of this section.

1.04 QUALITY ASSURANCE AND REGULATORY REQUIREMENTS

- A. Select an installer who is competent in the installation of Burke Luxury Vinyl Tile.
- B. If required, provide resilient flooring and accessories including leveling and patching compounds, and adhesives.
- C. If required, provide flooring material to meet the following fire test performance criteria as tested by a recognized independent testing laboratory:
 - a. ASTM E 648 Critical Radiant Flux of 0.45 watts per sq. cm. or greater, Class I.
 - b. ASTM E 662 (Smoke Generation) Maximum Specific Optical Density of 450 or less.

1.05 SUBMITTALS

- A. Submit shop drawings and manufacturer's technical data, installation and maintenance instructions for flooring and accessories.
- B. Submit the manufacturer's standard samples showing the required colors for flooring and applicable accessories.

1.06 ENVIRONMENTAL CONDITIONS

- A. Deliver materials to the jobsite in the manufacturer's original unopened boxes that bear the name and brand of the manufacturer and project identification.
- B. Store materials in an enclosed space, off the ground, and protected from the weather. Protect adhesives from freezing. Store flooring, adhesives and accessories in the spaces where they will be installed to acclimate for at least 48 hours before beginning installation.
- C. Maintain a minimum temperature in the spaces to receive the flooring and accessories of 65°F (18°C) and a maximum temperature of 85°F (29°C) for at least 48 hours before, during, and for not less than 48 hours after installation.
- D. Do not install flooring over concrete slabs until they are sufficiently dry to achieve a bond with the adhesive, in accordance with the manufacturer's recommended bond and moisture tests.
- E. Install flooring and accessories after the other finishing operations, including painting, have been completed. Close spaces to traffic during the installation of the flooring.

**MERCER LINEAR SERIES RUBBER
"MAXXI-TREAD" STAIR TREADS**

Specification Insert for Mercer® Linear Series® "MAXXI-TREAD®"
Division 9, Part 2 - Products (Delete unused elements)

2.01 Linear Series Type TP Rubber Stair Tread

- A. Manufacturer/Products: Burke Flooring Products; Maxxi-Tread.
- B. Products/Description: Type TP rubber stair treads with highly visible contrasting nose and front cleats made of 100% homogeneous virgin polyurethane.

1. Thickness: 1/4 inch (6.350 mm) tapering to 1/8 inch (3.175 mm).

2. Lengths: [36 inches (914.4 mm)], [42 inches (1066.8 mm)], [48 inches (1219.2 mm)], [72 inches (1828.8 mm)], [96 inches (2438.4 mm)], [144 inches (3657.6 mm)].

3. Depth: Maxxi-Tread, 13 inches (330.2 mm).
4. Nose: Maxxi-Tread, square 2 inches (50.8 mm)
5. Tread Color: Selection from manufacturer's standard array.
6. Cleat Strip Color: Selection from manufacturer's standard array. (Note: Coordinate contrasting colors when required to meet regulations).

**MERCER LINEAR SERIES
RUBBER TYPE - TP & VINYL TYPE - TV
VISUALLY IMPAIRED ABRASIVE STRIP SAFETY STAIR TREADS**

Specification for Mercer Linear Series® Visually Impaired Abrasive Strip Safety Tread®
CSI Division 9, Part 2 - Products (Delete unused elements)

2.01 VINYL OR RUBBER STAIR TREAD

- A. Manufacturer/Products: Burke Flooring Products; Visually Impaired Abrasive Strip Safety Tread
- B. Products/Description: [(Rubber (Type - TP)), (Vinyl (Type - TV))] stair tread with highly visible, full 2 inch abrasive strip in contrasting or non-contrasting colors.
 1. Thickness: 1/4 inch (6.350 mm) tapering to 1/8 inch (3.175 mm).
 2. Lengths: [36 inches (914.400 mm)], [42 inches (1066.800 mm)], [48 inches (1219.200 mm)], [72 inches (1828.800 mm)], [96 inches (2438.400 mm)], [144 inches (3657.600 mm)].
 3. Depth: 12 inches (304.800 mm)].
 4. Nose: Square 1 5/8 inches (41.275 mm)].
 5. Tread Color: Selection from manufacturer's standard array.
 6. Abrasive Strip Color: Selection from manufacturer's standard array.(Note: Coordinate contrasting colors when required to meet regulations).

**Mercer Linear Series Vinyl Commercial 250 Treads
For Heavy Commercial Use**

Specification Insert for Mercer® Linear Series® Commercial 250 Tread
CSI Division 9, Part 2 - Products (Delete unused elements)

2.01 HEAVY COMMERCIAL VINYL STAIR TREAD

- A. Manufacturer/Product: Burke Flooring Products; Commercial 250 Vinyl Stair Tread.

B. Product Description: Vinyl with six strips and standard integral nosing.

1. Thickness: 1/4 inch (6.35 mm) tapering to 1/8 inch (3.175 mm).
2. Lengths: [36 inches (914.4 mm)], [42 inches (1066.8 mm)], [48 inches (1219.2 mm)], [72 inches (1828.8 mm)], [96 inches (2438.4 mm)], [144 inches (3657.6 mm)].
3. Depth: 12 inches (304.800 mm).
4. Nose: [Square, 1 5/8 inches (41. mm)] [Round 1 1/2 inches (38.1 m)].
5. Color: Selection from manufacturer's standard array.

MERCER VINYL STAIR TREADS

Specification for Mercer® Linear Series™ Commercial 210 Tread

CSI Division 9, Part 2 - Products (Delete unused elements)

2.01 NORMAL COMMERCIAL VINYL STAIR TREAD

A. Manufacturer/Product: BurkeMercer Flooring Products; Commercial 210 Vinyl Stair Tread.

B. Product/Description: Solid vinyl with pyramidal gripper design and standard integral nosing.

1. Thickness: .210 inch (5.3 mm) tapering to 1/8 inch (3.175 mm).
2. Lengths: [36 inches (914.4 mm)], [42 inches (1066.8 mm)], [48 inches (1219.2 mm)], [72 inches (1828.8 mm)], [96 inches (2438.4 mm)], [144 inches (3657.6 mm)].
3. Depth: 12 inches (304.8 mm).
4. Nose: [Square] [Round]: 1 1/2 inches (38.1 mm).
5. Color: Selection from manufacturer's standard array.

MERCER VINYL STAIR TREADS

Specification Insert for Mercer® Linear Series™ Commercial 150 Tread

CSI Division 9, Part 2 - Products (Delete unused elements)

2.01 LIGHT COMMERCIAL VINYL STAIR TREAD

A. Manufacturer/Product: Burke Flooring Products; Linear Series™, Commercial 150 Vinyl Stair Tread”.

B. Product/Description: Vinyl with full depth corrugations and standard integral nosing.

1. Thickness: .150 inch (3.810 mm) tapering to 1/8 inch (3.175 mm).
2. Lengths: [36 inches (914.4 mm)], [42 inches (1066.8 mm)], [48 inches (1219.2 mm)], [72 inches (1828.8 mm)], [96 inches (2438.4 mm)], [144 inches (3657.600 mm)].
3. Depth: 12 inches (304.8 mm).
4. Nose: [Square] [Round]: 1 1/2 inches (38.100 mm).
5. Color: Selection from manufacturer's standard array.
6. Conformance:
 - a. FS RR-T-650d, Composition B, Type II, Vinyl.
 - b. ASTM E-648, Class 1 Fire Rating.
 - c. ASTM D-2047, Test for Static Coefficient of Friction. ADA Compliant
 - d. New York City Fire Prevention Code: (Maxxi-Tread®, MEA 53-90),
 - e. New York State Fire Prevention Code: Maxxi-Tread, DOS#09665-900206-2022),
 - f. OSHA and ADA requirements.
 - g. California Disabled Access Regulations, Title 24.

2.02 ADHESIVES

- A. Provide Burke BR 711 Flooring and Stair Tread Adhesive.

2.03 ACCESSORIES

- A. For patching, smoothing, and leveling monolithic sub-floors and steps (concrete, terrazzo, quarry tile, ceramic tile, and certain metals), provide cementitious based with a minimum compressive strength of 3,500 psi.
- B. Provide transition/reducing strips tapered to meet abutting materials.
- C. Provide threshold of thickness and width as shown on the drawings.
- D. Provide resilient edge strips of width shown on the drawings, of equal gauge to the flooring, homogeneous vinyl composition, tapered or bullnose edge, with color to match or contrast with the flooring, or as selected by the Architect from standard colors available.
- E. Provide metal edge strips of width shown on the drawings and of required thickness to protect exposed edges of the flooring. Provide units of maximum available length to minimize the number of joints. Use butt-type metal edge strips for concealed anchorage, or overlap-type metal edge strips for exposed anchorage. Unless otherwise shown, provide strips made of extruded aluminum with a mill finish.

PART 3 EXECUTION**3.01 INSPECTION**

- A. Examine steps, landings and subfloors prior to installation to determine that surfaces are smooth and free from cracks, holes, ridges, and other defects that might prevent adhesive bond or impair durability or appearance of the flooring material.
- B. Inspect subfloors prior to installation to determine that surfaces are free from curing, sealing, parting and hardening compounds; residual adhesives; adhesive removers; and other foreign materials that might prevent adhesive bond. Visually inspect for evidence of moisture, alkaline salts, carbonation, dusting, mold, or mildew.
- C. Report conditions contrary to contract requirements that would prevent a proper installation. Do not proceed with the installation until unsatisfactory conditions have been corrected.
- D. Failure to call attention to defects or imperfections will be construed as acceptance and approval of the subfloor. Installation indicates acceptance of substrates with regard to conditions existing at the time of installation.

3.02 PREPARATION

- A. Smooth concrete surfaces, removing rough areas, projections, ridges, and bumps, and filling low spots, control or construction joints, and other defects with fast-setting cement-based underlayment or fast-setting cement-based patch and skim coat as recommended by the flooring manufacturer.
- B. Remove paint, varnish, oils, release agents, sealers, and waxes. Remove residual adhesives as recommended by the flooring manufacturer. Remove curing and hardening compounds not compatible with the adhesives used, as indicated by a bond test or by the compound manufacturer's recommendations for flooring. Avoid organic solvents.
- C. Perform step, landing and subfloor Calcium Chloride Tests (and Bond Tests) to determine if surfaces are dry; free of curing and hardening compounds, old adhesive and other coatings; and ready to receive flooring.
- D. Vacuum or broom-clean surfaces to be covered immediately before the application of flooring. Make steps, landing and subfloor free from dust, dirt, grease, and all foreign materials.

3.03 INSTALLATION OF STAIR TREADS

- A. Install Stair Treads in strict accordance with the latest edition Burke Flooring Installation Instructions. Install treads from stringer to stringer.

3.05 CLEANING AND PROTECTION

- A. Perform initial maintenance according to Burke Flooring Maintenance Instructions.
- B. Protect installed flooring as recommended by the flooring manufacturer against damage from rolling loads, other trades, or the placement of fixtures and furnishings.