

Resilient Rubber Stair Nosings

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1 Proprietary Product: Resilient Rubber Stair Nosings - A.D.A., Visually-Impaired, California Title 24 Compliant and FloorScore Certified

1.2 Manufacturer:

Burke Flooring
2250 South Tenth Street
San Jose, California 95112
Phone: (800) 447-8442
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Samples: Ext 1031
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1.3 Proprietary Product Description:

1.3.1 Construction: Burke Rubber Stair Nosings are manufactured from a proprietary Thermoplastic Rubber (TP) composition designed specifically to meet the performance requirements of ASTM F-2169 Standard Specification for Resilient Stair Treads, Type TP, Class 1 and 2, Group 1 and 2. Several of Burke Stair Nosings are available with a 2" (5.08 cm) wide strip of contrasting color to comply with A.D.A., Visually-Impaired, and California Title 24 requirements. Standard formulation exceeds ASTM E 648 Class 1 Flammability requirements. Burke Rubber Stair Nosings 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).

1.3.2 Physical Characteristics:

557-XXX-YYY: Visually-Impaired Rubber Stair Nosing with 2" (5.08 cm) wide co-extruded contrasting color insert strip. 2" (5.04 cm) hinged square nose configuration, 3-1/8" (7.93 cm) tread depth surface. Undercut for 1/4" (6.35 mm) carpet. 6 each 12 ft. (72 ft.) per carton at 53 lbs.

577-XXX-YYY: Visually-Impaired Rubber Stair Nosing with 2" (5.08 cm) wide co-extruded contrasting color insert strip. 2" (5.04 cm) hinged square nose configuration, 3" (7.62 cm) tread depth surface. Undercut for 1/8" (3.17 mm) resilient materials. 10 each 12 ft. (120 ft.) per carton at 64 lbs.

578-XXX-YYY: Visually-Impaired Rubber Stair Nosing with 2" (5.08 cm) wide abrasive contrasting color safety strip. 2" (5.04 cm) hinged square nose configuration, 3" (7.62 cm) tread depth surface. Undercut for 1/8" (3.17 mm) resilient materials. 10 each 12 ft. (120 ft.) per carton at 64 lbs.

510-XXX: Top-Set Rubber Stair Nosing for use with resilient materials. 1-1/8" (2.85 cm) square nose configuration, 1-1/4" (3.17 cm) tread depth surface. 20 each 12 ft. (240 ft.) per carton at 32 lbs.

511-XXX: Top-Set Rubber Stair Nosing for use with resilient materials. 1-1/16" (2.69 cm) round nose configuration, 1-1/4" (3.17 cm) tread depth surface. 20 each 12 ft. (240 ft.) per carton at 32 lbs.

560-XXX: Double Butt Rubber Stair Nosing for use with 1/4" (6.35 mm) carpet applications. 1-1/2" (3.81 cm) square nose configuration, 2" (5.08 cm) smooth tread depth surface. 10 each 12 ft. (120 ft.) per carton at 91 lbs

565-XXX: Double Undercut Rubber Stair Nosing for use with 1/4" (6.35 mm) carpet applications. 1-9/16" (3.96 cm) square nose configuration, 1-3/4" (4.44 cm) tread depth surface. 10 each 12 ft. (120 ft.) per carton at 72 lbs

566-XXX: Double Undercut Rubber Stair Nosing for use with 3/8" (9.52 mm) carpet and resilient applications. 1-1/2" (3.81 cm) square nose configuration, 5" (12.7 cm) smooth tread depth surface. 4 each 12 ft. (48 ft.) per carton at 86 lbs

570-XXX: Single Undercut Rubber Stair Nosing for use with 1/4" (6.35 mm) carpet applications.
1-3/4" (4.44 cm) square nose configuration,
1-15/16" (4.92 cm) tread depth surface.
10 each 12 ft. (120 ft.) per carton at 75 lbs.

575-XXX: Overlap Rubber Stair Nosing for use with 1/8" (3.17 mm) resilient applications.
1-7/8" (4.76 cm) square nose configuration,
3" (7.62 cm) ribbed tread depth surface.
10 each 12 ft. (120 ft.) per carton at 75 lbs.

580-XXX: Butt-to Rubber Stair Nosing for use with 1/8" (3.17 mm) resilient applications.
1-3/8" (3.49 cm) square nose configuration,
2" (5.08 cm) ribbed tread depth surface.
10 each 12 ft. (120 ft.) per carton at 38 lbs.

585-XXX: Top-set Rubber Stair Nosing for use with .080" (2.03 mm), 1/8" (3.17 mm) or 1/4" (6.35 mm) resilient flooring materials.
1-1/2" (3.81 cm) hinged square nose configuration,
3-3/4" (9.52 cm) ribbed tread depth surface.
10 each 12 ft. (120 ft.) per carton at 72 lbs.

ESN-XXX: Endura Butt-to Rubber Stair Nosing for use with .100" (2.54 mm) and 1/8" (3.17 mm) resilient flooring materials.
2-1/8" (5.39 cm) square nose configuration,
4" (10.16 cm) smooth tread depth surface.
10 each 12 ft. (120 ft.) per carton at 72 lbs.

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

- 2.1 Hardness:** ASTM D 2240: ≥ 85 Shore A
2.2 Abrasion Resistance: ASTM D 3389: < 1.0 gm loss
2.3 Slip Resistance: ASTM D 2047: $COF \geq 0.5$
2.4 Color Heat Stability: ASTM F 1514: < 8.0 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% H₂SO₄), Household ammonia solution (5% NH₄OH), Household bleach (5.25% NaOCl), Disinfectant cleaner (5% active phenol)

3. INSTALLATION

The installation of Burke Rubber Stair Nosings should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive stair nosings shall be clean, fully enclosed, weather-tight, and maintained at a uniform temperature of at least 70°F for 24 hours before, during, and after the installation is completed. The stair nosings and adhesives shall be conditioned in the same manner. Stair steps 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. Stair Nosings may be installed on any smooth, dry interior step. Do not install on exterior steps subject to weather. Stair shape shall conform closely to stair tread contour, especially where the flat part of the tread joins the nosing. An epoxy caulking nose filler shall be applied to ensure a tight fit and eliminate any open spaces between the step edge and stair tread nosing. Stair Nosings shall be trimmed to within 1/16" of the stringer to allow for expansion. Adhesives shall be applied per Burke's instructions. Stair Nosings shall be rolled, with a J-hand roller, after installation, to ensure proper bonding.

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)

Burke #BR-715 Two-Part Epoxy Caulking Compound:

Application: Gun, knife, or 13-1/2 ounce cartridge
(Use Burke dual-cartridge dispenser gun with cartridge)

Coverage: Approx. 250 linear ft/gal or 50 linear with a 1/4" diameter bead per 13-1/2 ounce cartridge.

4. INSTALLATION MANUAL

4.1 Refer to Burke Rubber Stair Tread installation instructions for complete installation details.

5. AVAILABILITY AND COST

5.1 Available through authorized Burke distributors nationwide.

6. WARRANTY

6.1 Limited 5 year wear warranties available. For complete details, contact Burke or an authorized Burke distributor.

7. MAINTENANCE

7.1 Refer to Burke Rubber Stair Tread Installation Instructions for complete maintenance details.

8. TECHNICAL SERVICES

8.1 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.

8.2 For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at www.BurkeFlooring.com or contact Burke at 1-800-447-8442.