

SECTION 09 65 13 - RESILIENT BASE AND ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Thermoset rubber base.
2. Thermoplastic rubber base.
3. Vinyl base.
4. Rubber stair treads.
5. Vinyl stair treads.
6. Rubber molding accessories.
7. Vinyl molding accessories.

B. Related Requirements:

Retain subparagraphs below to cross-reference requirements Contractor might expect to find in this Section but are specified in other Sections.

1. Section 02 41 19 "Selective Demolition" for removing existing floor coverings.
2. Section 09 65 16 "Resilient Sheet Flooring" for resilient rolled flooring.
3. Section 09 65 19 "Resilient Tile and Plank Flooring" for modular resilient flooring.
4. Section 09 65 43 "Linoleum Flooring" for modular and sheet linoleum flooring.
5. Section 09 68 13 "Tile Carpeting" for modular carpet tile flooring.
6. Section 09 68 16 "Sheet Carpeting" for tufted and woven carpet flooring.
7. Section 10 45 13 "Photoluminescent Egress Path Markings" for luminous stair accessories.

1.2 PREINSTALLATION MEETINGS

Retain "Preinstallation Conference" Paragraph below if Work of this Section is extensive or complex enough to justify a conference.

- A. Preinstallation Conference: Conduct conference **[at Project site][by web conference]<Insert location>**.

Retain subparagraph below if additional requirements are necessary.

1. Review methods and procedures related to resilient base and accessory installation including, but not limited to, the following:
 - a. Delivery, storage, and handling procedures.
 - b. Ambient conditions and ventilation procedures.
 - c. Subfloor preparation procedures for resilient stair accessories.
 - d. **<Insert agenda items>**.

1.3 ACTION SUBMITTALS

Action submittals are submittals requiring responsive action and return of reviewed documents to Contractor.

- A. Product Data: For each type of product.
 - 1. Include manufacturer's written data on physical characteristics, durability, and fade resistance.
 - 2. Include manufacturer's written installation instructions for each type of substrate.

Retain "Samples" Paragraph below for single-stage Samples, with a subordinate list if applicable.

- B. Samples: For each exposed product and for each color and texture specified, not less than **12 inches** long.

Retain "Samples for Initial Selection" or "Samples for Verification" Paragraph below, or both.

- C. Samples for Initial Selection: For each type of exposed product.
- D. Samples for Verification: For each type of exposed product indicated and for each color, texture, and pattern required in manufacturer's standard-size Samples, but not less than **12 inches** long.
- E. Product Schedule: For resilient base and accessory products. [**Use same designations indicated on Drawings.**]

Retain "Sustainable Design Submittals" Paragraph below if required to attain sustainability rating or to track sustainability submittals.

- F. Sustainable Design Submittals:
 - 1. Third-Party Certifications: For each product.
 - 2. Third-Party-Certified Life-Cycle Assessment: For each product.

1.4 INFORMATIONAL SUBMITTALS

Informational submittals are submittals that require review by Architect, but they do not require Architect's responsive action and return of reviewed documents to Contractor, provided submittals comply with requirements. If rejected, submittals with responsive action must be returned to Contractor.

- A. Product Test Reports: For resilient base and accessory products, for tests performed by a qualified testing agency.

Retain "Mockups" Article if Work of this Section is extensive or complex enough to justify a mockup.

1.5 MOCKUPS

Indicate portion of wall or room represented by mockup on Drawings or draw mockup as separate element. Mockups can be useful for setting a workmanship standard for resilient base with job-formed corners.

- A. Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.
 - 1. Coordinate mockups in this Section with mockups specified in other Sections.
 - 2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Owner specifically approves such deviations by Change Order.

Retain subparagraph below if the intention is to make an exception to the default requirement in Section 01 40 00 "Quality Requirements" for demolishing and removing mockups.

- 3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.6 FIELD CONDITIONS

Ambient temperature range for installation varies among manufacturers. Consult manufacturers for recommendations and revise first paragraph below to suit Project.

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than **[70 deg F]<Insert temperature>** or more than **[95 deg F]<Insert temperature>**, in spaces to receive resilient products during the following periods:
 - 1. 48 hours before installation.
 - 2. During installation.
 - 3. 48 hours after installation.
- B. After installation and until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than **[55 deg F]<Insert temperature>** or more than **[95 deg F]<Insert temperature>**.
- C. Install resilient products after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

Retain "Fire-Test-Response Characteristics" Paragraph below if required by authorities having jurisdiction. In most building codes, resilient flooring is exempt from fire-test-response requirements. See "Fire-Test-Response Characteristics" Article in the Evaluations for additional information.

- A. Fire-Test-Response Characteristics: As determined by testing identical products in accordance with ASTM E648 or ASTM E662 by a qualified testing agency.
 - 1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.

2.2 RESILIENT BASE

Copy "Thermoset Rubber Base" Paragraph below and re-edit for each product.

Insert drawing designation. Use these designations on Drawings to identify each product.

A. Thermoset Rubber Base:

Retain "Manufacturers" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

- 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Mannington Mills, Inc]**
 - b. **[Roppe Corporation; Roppe Holding Company]**
 - c. **[Tarkett USA]**
 - d. **<Insert manufacturer's name>**
- 2. Classification: ASTM F1861, Type TS (rubber, vulcanized thermoset), Group I (solid, homogeneous).
- 3. Style and Location:
 - a. Style A, Straight: **[Provide in areas with carpet]<Insert requirements>**.
 - b. Style B, Cove: **[Provide in areas with resilient floor coverings]<Insert requirements>**.
 - c. Style C, Butt to: **[Provide in areas indicated]<Insert requirements>**.
- 4. Thickness: **[0.125 inch][0.25 inch][0.375 inch]<Insert dimension>**.

Coordinate height retained in "Height" Subparagraph below with length retained in "Lengths" Subparagraph; some manufacturers do not offer coils in every height.

- 5. Height: **[2-1/2 inches][3 inches][3-1/2 inches][4 inches][4-1/2 inches][5 inches][5-1/2 inches][6 inches][As indicated on Drawings]**.
- 6. Lengths: **[Cut lengths 48 inches long][Coils in manufacturer's standard length][Cut lengths 48 inches long or coils in manufacturer's standard length]**.

Coordinate "Outside Corners" and "Inside Corners" subparagraphs below with "Installation of Resilient Base" Article.

- 7. Outside Corners: **[Job formed][Preformed][Job formed or preformed]**.
- 8. Inside Corners: **[Job formed][Preformed][Job formed or preformed]**.

Retain "Colors" Subparagraph below if colors are not indicated in a separate schedule.

9. Colors: **[As indicated by manufacturer's designations][Match Architect's sample]<Insert colors>.**

Copy "Thermoplastic Rubber Base" Paragraph below and re-edit for each product.

Insert drawing designation. Use these designations on Drawings to identify each product.

B. Thermoplastic Rubber Base:

Retain "Manufacturers" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**
 - a. **[Allstate Flooring]**
 - b. **[Armstrong Flooring, Inc.]**
 - c. **[Flexco Corporation]**
 - d. **[Forbo Flooring Systems]**
 - e. **[Roppe Corporation; Roppe Holding Company]**
 - f. **[Shaw Industries Group, Inc.; Berkshire Hathaway Company]**
 - g. **[Tarkett USA]**
 - h. **[VPI Corporation]**
 - i. **<Insert manufacturer's name>**
2. Classification: ASTM F1861, Type TP (rubber, thermoplastic), Group **[I (solid, homogeneous)][or][II (layered)]**.
3. Style and Location:
 - a. Style A, Straight: **[Provide in areas with carpet]<Insert requirements>.**
 - b. Style B, Cove: **[Provide in areas with resilient floor coverings]<Insert requirements>.**
 - c. Style C, Butt to: **[Provide in areas indicated]<Insert requirements>.**
 - d. Style D, Sculptured: **[Provide in areas indicated]<Insert requirements>.**
 - 1) Profile: **[As indicated]<Insert requirement>.**

Thermoplastic-rubber base is generally 0.125 inch (3.2 mm) thick; however, sculptured base thicknesses might vary.

4. Thickness: **[0.125 inch][0.25 inch][0.375 inch]<Insert dimension>.**

Coordinate height retained in "Height" Subparagraph below with length retained in "Lengths" Subparagraph; some manufacturers do not offer coils in every height.

5. Height: **[2-1/2 inches][4 inches][6 inches][As indicated on Drawings].**
6. Lengths: **[Cut lengths 48 inches long][Coils in manufacturer's standard**

length][Cut lengths 98 inches long or coils in manufacturer's standard length].

Coordinate "Outside Corners" and "Inside Corners" subparagraphs below with "Installation of Resilient Base" Article.

7. Outside Corners: **[Job formed][Preformed][Job formed or preformed].**
8. Inside Corners: **[Job formed][Preformed][Job formed or preformed].**

Retain "Colors" Subparagraph below if colors are not indicated in a separate schedule.

9. Colors: **[As indicated by manufacturer's designations][Match Architect's sample]<Insert colors>.**

Copy "Vinyl Base" Paragraph below and re-edit for each product.

Insert drawing designation. Use these designations on Drawings to identify each product.

C. Vinyl Base:

Retain "Manufacturers" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**
 - a. **[Flexco Corporation]**
 - b. **[Mannington Mills, Inc]**
 - c. **[Mohawk Group]**
 - d. **[Roppe Corporation; Roppe Holding Company]**
 - e. **[Shaw Industries Group, Inc.; Berkshire Hathaway Company]**
 - f. **[Tarkett USA]**
 - g. **[VPI Corporation]**
 - h. **<Insert manufacturer's name>**
2. Classification: ASTM F1861, Type TV (vinyl, thermoplastic), Group **[I (solid, homogeneous)][or][II (layered)].**
3. Style and Location:
 - a. Style A, Straight: **[Provide in areas with carpet]<Insert requirements>.**
 - b. Style B, Cove: **[Provide in areas with resilient floor coverings]<Insert requirements>.**
4. Minimum Thickness: **[0.125 inch][0.080 inch]<Insert dimension>.**

Coordinate height retained in "Height" Subparagraph below with length retained in "Lengths" Subparagraph; some manufacturers do not offer coils in every height.

5. Height: **[2-1/2 inches][4 inches][6 inches][As indicated on Drawings].**

6. Lengths: **[Cut lengths 48 inches long][Coils in manufacturer's standard length][Cut lengths 48 inches long or coils in manufacturer's standard length]**.

Coordinate "Outside Corners" and "Inside Corners" subparagraphs below with "Installation of Resilient Base" Article.

7. Outside Corners: **[Job formed][Preformed][Job formed or preformed]**.
8. Inside Corners: **[Job formed][Preformed][Job formed or preformed]**.

Retain "Colors and Patterns" Subparagraph below if colors and patterns are not indicated in a separate schedule.

9. Colors and Patterns: **[As indicated by manufacturer's designations][Match Architect's sample]<Insert colors and patterns>**.

Insert requirements for resilient terrazzo tile base if required for Project.

2.3 RESILIENT STAIR ACCESSORIES

Copy "Rubber Stair Treads" Paragraph below and re-edit for each product.

Insert drawing designation. Use these designations on Drawings to identify each product.

A. Rubber Stair Treads:

Retain "Manufacturers" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[American Biltrite]**
 - b. **[Flexco Corporation]**
 - c. **[Mannington Mills, Inc]**
 - d. **[Mohawk Group]**
 - e. **[Roppe Corporation; Roppe Holding Company]**
 - f. **[Shaw Industries Group, Inc.; Berkshire Hathaway Company]**
 - g. **[The R.C. Musson Rubber Co.]**
 - h. **[VPI Corporation]**
 - i. **<Insert manufacturer's name>**

Literature of some stair-tread manufacturers does not indicate whether rubber products are thermoset or thermoplastic in accordance with ASTM F2169.

2. Classification: ASTM F2169, Type **[TS (rubber, vulcanized thermoset)][or][TP (rubber, thermoplastic)]**.
 - a. Class: **[1 (smooth, flat)][2 (pattern; embossed, grooved, or ribbed)]**.

Insert specific requirements in first subparagraph below to suit Project. For example, insert quantity of abrasive strips required per tread or specific contrasting strip locations.

- b. Group: **[1 (embedded abrasive strips)][2 (with contrasting color for the visually impaired)]**.
- 3. Nosing Style: **[Square, adjustable to cover angles between 60 and 90 degrees][Square][Round]**.
- 4. Nosing Height: **[1-1/2 inches][2 inches][2-3/16 inches]<Insert dimension>**.
- 5. Thickness: **[1/4 inch and tapered to back edge]<Insert thickness>**.
- 6. Size: Lengths and depths to fit each stair tread in **[one piece][one piece or, for treads exceeding maximum lengths manufactured, in equal-length units]**.

Copy "Vinyl Stair Treads" Paragraph below and re-edit for each product.

Insert drawing designation. Use these designations on Drawings to identify each product.

B. Vinyl Stair Treads:

Retain "Manufacturers" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

- 1. Manufacturers: Subject to compliance with requirements, **[provide products by the following][provide products by one of the following][available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]**:
 - a. **[Flexco Corporation]**
 - b. **[Roppe Corporation; Roppe Holding Company]**
 - c. **[Tarkett USA]**
 - d. **[VPI Corporation]**
 - e. **<Insert manufacturer's name>**
- 2. Classification: ASTM F2169, Type TV (vinyl, thermoplastic).
 - a. Class: **[1 (smooth, flat)][2 (pattern; embossed, grooved, or ribbed)]**.

Insert specific requirements in first subparagraph below to suit Project. For example, insert quantity of abrasive strips required per tread or specific contrasting strip locations.

- b. Group: **[1 (embedded abrasive strips)][2 (with contrasting color for the visually impaired)]**.
- 3. Nosing Style: **[Square, adjustable to cover angles between 60 and 90 degrees][Square][Round]**.
- 4. Nosing Height: **[1-1/2 inches][2 inches][2-3/16 inches]<Insert dimension>**.
- 5. Thickness: **[1/4 inch and tapered to back edge]<Insert thickness>**.
- 6. Size: Lengths and depths to fit each stair tread in **[one piece][one piece or, for treads exceeding maximum lengths manufactured, in equal-length units]**.

Retain "Integral Risers" Subparagraph or "Separate Risers" Paragraph below.

- C. Integral Risers: Smooth, flat; in height that fully covers substrate.
- D. Separate Risers: Smooth, flat; in height that fully covers substrate; produced by same manufacturer who produced treads and recommended by manufacturer for installation with treads.
 - 1. Style: **[Coved toe, 7 inches high by length matching treads][Toeless, by length matching treads]**.
 - 2. Thickness: **[0.125 inch][Manufacturer's standard]<Insert thickness>**.
- E. Stringers: Height and length after cutting to fit risers and treads and to cover stair stringers, produced by same manufacturer who produced treads, and recommended by manufacturer for installation with treads.
 - 1. Thickness: **[0.125 inch][0.080 inch][Manufacturer's standard]<Insert thickness>**.

Retain "Landing Tile" Paragraph below if required. Not all manufacturers provide landing tiles to match treads.

- F. Landing Tile: **[Matching treads; produced by same manufacturer who produced treads and recommended by manufacturer for installation with treads]<Insert requirements>**.
- G. Locations: **[Provide resilient stair accessories in areas indicated]<Insert requirements>**.

Retain "Colors and Patterns" Paragraph below if colors and patterns are not indicated in a separate schedule.

- H. Colors and Patterns: **[As indicated by manufacturer's designations][Match Architect's sample]<Insert colors and patterns>**.

2.4 RESILIENT MOLDING ACCESSORIES

Copy "Rubber Molding Accessories" Paragraph below and re-edit for each different accessory required for Project.

Insert drawing designation. Use these designations on Drawings to identify each product.

- A. Rubber Molding Accessories :
 - 1. Accessory Description: **[Stair-tread nosing][cap for cove carpet][cap for cove resilient floor covering][carpet bar for tackless installations][carpet edge for glue-down applications][nosing for carpet][nosing for resilient floor covering][reducer strip for resilient floor covering][joiner for tile and carpet][transition strips]<Insert description>**.
 - 2. Profile and Dimensions: **[As indicated]<Insert profile and dimensions>**.

Copy "Vinyl Molding Accessories" Paragraph below and re-edit for each different accessory required for Project.

Insert drawing designation. Use these designations on Drawings to identify each product.

B. Vinyl Molding Accessories :

1. Accessory Description: [**Stair-tread nosing**][**cap for cove carpet**][**cap for cove resilient floor covering**][**carpet bar for tackless installations**][**carpet edge for glue-down applications**][**nosing for carpet**][**nosing for resilient floor covering**][**reducer strip for resilient floor covering**][**joiner for tile and carpet**][**transition strips**]<Insert description>.
2. Profile and Dimensions: [**As indicated**]<Insert profile and dimensions>.

C. Locations: [**Provide resilient molding accessories in areas indicated**]<Insert requirements>.

Retain "Colors and Patterns" Paragraph below if colors and patterns are not indicated in a separate schedule.

D. Colors and Patterns: [**As indicated by manufacturer's designations**][**Match Architect's sample**]<Insert colors and patterns>.

2.5 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds: Latex-modified, portland-cement-based or blended hydraulic-cement-based formulation provided or approved by resilient-product manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended in writing by resilient-product manufacturer for resilient products and substrate conditions indicated.

Retain "Stair-Tread Nose Filler" Paragraph below if resilient stair treads are specified in this Section.

- C. Stair-Tread Nose Filler: Two-part epoxy compound recommended by resilient stair-tread manufacturer to fill nosing substrates that do not conform to tread contours.

Retain "Metal Edge Strips" Paragraph below if metal edge strips are required. Revise to suit Project.

- D. Metal Edge Strips: [**Extruded aluminum with mill finish**]<Insert requirements>, nominal **2 inches** wide, of height required to protect exposed edges of flooring, and in maximum available lengths to minimize running joints.

Retain "Floor Polish" Paragraph below for resilient stair accessories after verifying manufacturers' written instructions for floor-polish products.

- E. Floor Polish: Provide protective, liquid floor-polish products recommended by resilient stair-tread manufacturer.

2.6 Threshold Accessories

"Retain "Basis-of-Design Product" Subparagraph and list of manufacturers below to identify a specific product or a comparable product from manufacturers listed."

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:
 - 1. **[Roppe Corporation; Roppe Holding Company]**
 - 2. **<Insert manufacturer's name>**

2.7 Edge Guard Accessories

"Retain "Basis-of-Design Product" Subparagraph and list of manufacturers below to identify a specific product or a comparable product from manufacturers listed."

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:
 - 1. **[Roppe Corporation; Roppe Holding Company]**
 - 2. **<Insert manufacturer's name>**

2.8 Nosing Accessories

"Retain "Basis-of-Design Product" Subparagraph and list of manufacturers below to identify a specific product or a comparable product from manufacturers listed."

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:
 - 1. **[Roppe Corporation; Roppe Holding Company]**
 - 2. **<Insert manufacturer's name>**

2.9 Corner Guard Accessories

"Retain "Basis-of-Design Product" Subparagraph and list of manufacturers below to identify a specific product or a comparable product from manufacturers listed."

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:
 - 1. **[Roppe Corporation; Roppe Holding Company]**
 - 2. **<Insert manufacturer's name>**

2.10 Reducer Accessories

"Retain "Basis-of-Design Product" Subparagraph and list of manufacturers below to identify a specific product or a comparable product from manufacturers listed."

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:
 - 1. **[Roppe Corporation; Roppe Holding Company]**
 - 2. **<Insert manufacturer's name>**

2.11 Cove Cap Accessories

"Retain "Basis-of-Design Product" Subparagraph and list of manufacturers below to identify a specific product or a comparable product from manufacturers listed."

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:
 - 1. **[Roppe Corporation; Roppe Holding Company]**
 - 2. **<Insert manufacturer's name>**

2.12 Landing Trim Accessories

"Retain "Basis-of-Design Product" Subparagraph and list of manufacturers below to identify a specific product or a comparable product from manufacturers listed."

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:
 - 1. **[Roppe Corporation; Roppe Holding Company]**
 - 2. **<Insert manufacturer's name>**

2.13 Adapter and Transition Accessories

"Retain "Basis-of-Design Product" Subparagraph and list of manufacturers below to identify a specific product or a comparable product from manufacturers listed."

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **<Insert manufacturer's name; product name or designation>** or comparable product by one of the following:
 - 1. **[Roppe Corporation; Roppe Holding Company]**
 - 2. **<Insert manufacturer's name>**

PART 3 - EXECUTION

3.1 INSTALLATION OF RESILIENT BASE

- A. Comply with manufacturer's written instructions for installing resilient base.
- B. Apply resilient base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.
- C. Install resilient base in lengths as long as practical without gaps at seams and with tops of adjacent pieces aligned.
- D. Tightly adhere resilient base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.
- E. Do not stretch resilient base during installation.

Retain first paragraph below if required or revise to suit Project.

- F. On masonry surfaces or other similar irregular substrates, fill voids along top edge of resilient base with manufacturer's recommended adhesive filler material.

Retain "Preformed Corners" Paragraph below for resilient base with preformed corners.

- G. Preformed Corners: Install preformed corners before installing straight pieces.

Retain "Job-Formed Corners" Paragraph below for resilient base with job-formed corners.

- H. Job-Formed Corners:
 - 1. Outside Corners: Use straight pieces of maximum lengths possible and form with returns not less than **[3 inches]<Insert dimension>** in length.
 - a. Form without producing discoloration (whitening) at bends.
 - 2. Inside Corners: Use straight pieces of maximum lengths possible and form with returns not less than **[3 inches]<Insert dimension>** in length.
 - a. **[Miter][Cope][Miter or cope]** corners to minimize open joints.

3.2 INSTALLATION OF RESILIENT STAIR ACCESSORIES

- A. Comply with manufacturer's written instructions for installing resilient accessories.
- B. Resilient Stair Accessories:
 - 1. Use stair-tread-nose filler to fill nosing substrates that do not conform to tread contours.
 - 2. Tightly adhere to substrates throughout length of each piece.

Retain subparagraph below if applicable.

3. For treads installed as separate, equal-length units, install to produce a flush joint between units.
- C. Resilient Molding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of floor covering that would otherwise be exposed.

END OF SECTION 09 65 13