
SECTION 09 65 15

RESILIENT STAIR ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Provide resilient stair accessories including stair treads and stair risers as required for complete finished installation.

1. Provide resilient stair (stringer) base.

- B. Related Sections:

1. Section 09 65 10: Resilient base.
2. Section 09 65 20: Resilient tile flooring.
3. Section 09 65 30: Resilient sheet flooring.
4. Section 09 68 00: Carpet edge strips.

1.2 SUBMITTALS

- A. Product Data: Furnish manufacturer's product literature.
- B. Samples: Furnish samples of each type of stair accessory color and pattern selected.

1.3 QUALITY ASSURANCE

- A. Sustainability Requirements: Comply with CALGreen requirements including those relative to finish material pollution control for adhesives and resilient flooring.

1.4 SITE CONDITIONS

- A. Ensure floor surfaces are smooth and flat with maximum variation of 1/8" in 10'-0".
- B. Ensure concrete floors are dry (maximum 5 percent moisture content) and exhibit negative alkalinity, carbonizing and dusting.
- C. Maintain minimum 70-degree F air temperature at flooring installation area for three days prior to, during, and for 24 hours after installation.
- D. Store materials in area of application; allow three days for material to reach same temperature as area.

PART 2 - PRODUCTS

2.1 SYSTEMS MANUFACTURERS

- A. Roppe Rubber Corporation.
- B. American Floor Products, AFCO Corporation.
- C. Flexco Division of Textile Rubber Co., Inc.
- D. Substitutions: Refer to Section 01 25 00.

2.2 MATERIALS

- A. System Description: Provide resilient stair accessories including stair treads and stair risers.
- B. Regulatory Requirements:
 - 1. Flammability: Provide materials tested under ASTM E648, Flooring Radiant Panel Test, with results of 0.45 watts/sq. cm or higher.
 - 2. Slip Resistance: Provide materials tested under ASTM D2047, James Slip Test with minimum 0.6 rating for floors.
- C. Resilient Rubber Stair Accessories: Conform to ASTM F2169, Type TS; provide complete system including stair treads, stair risers and stringer base.
- D. Stair Treads: Provide minimum 1/4" gage stair treads for commercial applications, tapered to back edge; straight nose type.
 - 1. Provide 2" integral stripe on treads at upper approach and last treads as required to conform to California Building Code requirements for access for persons with disabilities.
 - a. Contractor Option: Provide different color at landing and last stair treads where acceptable to applicable authorities.
 - 2. Provide epoxy nose filler as recommended by manufacturer tread manufacturer.
- E. Risers: Standard 1/8" gage riser.
- F. Colors and Patterns: As indicated, as selected by Architect from manufacturer's full range of colors and patterns where not otherwise indicated.
- G. Edge Strips: Homogeneous vinyl or rubber, tapered or bullnose edge, color as selected by Architect.

- H. Subfloor Filler: White premixed latex-cement paste designed for providing thin solid surface for leveling and minor ramping of subsurface to adjacent floor finishes.
 - 1. Use material capable of being applied and feathered out to adjacent floor without spalling.
- I. Primers and Adhesives: Waterproof nontoxic types as recommended by stair accessory manufacturer for specified material and application.
- J. Sealer and Wax: Type recommended by flooring manufacturer for material type and location.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Conform to manufacturer's recommendations for preparation and conform to ASTM F710.
- B. Remove subfloor ridges and bumps; fill low spots, cracks, joints, holes and defects with substrate filler.
- C. Clean substrates and apply, trowel and float filler to leave smooth, flat hard surface; prohibit traffic until filler is cured.
- D. Test substrate for moisture content in accordance with flooring manufacturer recommendations; where moisture content exceeds recommendations take measures recommended by flooring manufacturer.

3.2 INSTALLATION

- A. Stair Accessory Installation: Conform to manufacturer's recommendations and installation instructions.
 - 1. Clean substrate.
 - 2. Spread cement evenly in quantity recommended by manufacturer to ensure adhesion over entire area of installation; spread only enough adhesive to permit installation of resilient stair accessory before initial set.
 - 3. Set in place, press treads with heavy roller to ensure full adhesion.
 - 4. Install edge strips at unprotected and exposed edges where stair accessory terminates.
 - 5. Scribe to walls and other appurtenances, to produce tight joints.
- B. Stair Treads and Risers: Install single piece tread and single piece riser, full width of stair.
 - 1. Fill voids under nosing with epoxy filler.

3.3 CLEAN-UP AND PROTECTION

- A. Remove excess adhesive from floor, base and wall surfaces without causing damage.
- B. Clean, seal and wax surfaces in accordance with manufacturer's recommendations.
- C. Prohibit traffic from floor for 48 hours after installation.

END OF SECTION