

ARCHITECTURAL GUIDE SPECIFICATIONS
MANNINGTON EDGE™EFFECTS RESILIENT RUBBER WALL BASE

Section 09 65 13.13 – Resilient Wall Base
[Co-Extruded Thermoplastic Rubber Type-TP]

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SECTION 09 65 13.13
RESILIENT RUBBER WALL BASE

PART 1 GENERAL

1.01 THIS SECTION INCLUDES

- A. Wall base 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.
- B. ASTM D2240 Standard Test Method for Rubber Property - Durometer Hardness
- C. ASTM E648 Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source
- D. ASTM-1861 Type TP, Group 2 "Standard Specification Resilient Rubber Wall Base".

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.
- C. Division 6 Wood and Plastics; not the work of this section.
- D. Division 7 Thermal and Moisture Protection; not the work of this section.

1.04 QUALITY ASSURANCE AND REGULATORY REQUIREMENTS

- A. Select an installer who is competent in the installation of Mannington Wall Base.
- B. If required, provide types of wall base and accessories supplied by one manufacturer, including leveling and patching compounds, and adhesives.
- C. If required, provide wall base 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, seaming plan, coving details, and manufacturer's technical data, installation and maintenance instructions ("Mannington Wall Base Installation Instructions").
- B. Submit the manufacturer's standard samples showing the required colors for wall base, corners, and applicable accessories.
- C. If required, submit the manufacturer's certification that the wall base has been tested by an independent laboratory and complies with the required fire tests.

1.06 ENVIRONMENTAL CONDITIONS

- A. Deliver materials in good condition to the jobsite in the manufacturer's original unopened containers that bear the name and brand of the manufacturer, project identification, and shipping and handling instructions.

- B. Store materials in a clean, dry, enclosed space off the ground, and protected from the weather and from extremes of heat and cold. Protect adhesives from freezing. Store wall base, adhesives and accessories in the spaces where they will be installed for at least 48 hours before beginning installation.
- C. Maintain a minimum temperature in the spaces to receive the wall base 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. Thereafter, maintain a minimum temperature of 55°F (13°C) in areas where work is completed. Protect all materials from the direct flow of heat from hot-air registers, radiators, or other heating fixtures and appliances.
- D. Install wall base and accessories after the other finishing operations, including painting, have been completed. Close spaces to traffic during the installation of the wall base.

PART 2 PRODUCTS

2.01 RESILIENT RUBBER WALL BASE MATERIALS

- A. Provide Mannington Edge™ Effects Rubber Wall Base, co-extruded thermoplastic rubber – Type TP, manufactured by Mannington Mills, Inc., shall meet ASTM F-1861, Type TP, Group 2, “Standard Specification Resilient Rubber Wall Base.”
- B. Physical Characteristics:
 1. [**Cache 3”**] high (insert color): 3/8” (9.52 mm) thick by 3” (7.62 cm) high sculptured surface wall base profile. One 50 ft. (15.24 m) coiled length per carton. 23 lbs. (10.43 kgs.) per carton.
 2. [**Flair**] (insert color): 5/16” (7.94 mm) thick by 3” (7.62 cm) high flat surface wall base profile with a 35° angular top. One 50 ft. (15.24 m) coiled length per carton. 23 lbs. (10.43 kgs.) per carton.
 3. [**Illusion**] (insert color): 3/8” (9.52 mm) thick by 3 1/4” (8.26 cm) high flat surface wall base profile with a sculptured top. One 36 ft. (11 m) coiled length per carton. 30 lbs. (13.6 kgs.) per carton.
 4. [**Cache 4 1/4”**] high (insert color): 3/8” (9.52 mm) thick by 4 1/4” (10.8 cm) high sculptured wall base profile. One 50 ft. (15.24 m) coiled length per carton. 37 lbs. (16.8 kgs.) per carton.
 5. [**Iconic**] (insert color): 3/8” (9.52 mm) thick by 4 1/4” (10.8 cm) high stepped flat surface wall base profile with two surface notches and a chamfered top edge. One 50 ft. (15.24 m) coiled length per carton. 47 lbs. (21.3 kgs.) per carton.
 6. [**Marquee**] (insert color): 3/8” (9.52 mm) thick by 4 1/4” (10.8 cm) high sculptured surface wall base profile. One 50 ft. (15.24 m) coiled length per carton. 47 lbs. (21.3 kgs.) per carton.
 7. [**Etched**] (insert color): 1/4” (6.35mm) thick by 4 1/4” (10.8 cm) high flat surface wall base profile with an angular top and a surface notch. One 50 ft. (15.24 m) coiled length per carton. 45 lbs. (20.4 kgs.) per carton.
 8. [**Double Etched**] (insert color): 1/4” (6.35mm) thick by 4 1/4” (10.8 cm) high flat surface wall base profile with two square notches. One 50 ft. (15.24 m) coiled length per carton. 45 lbs. (20.4 kgs.) per carton.
 9. [**Sophisticate**] (insert color): 3/8” (9.52 mm) thick by 4 1/4” (10.8 cm) high sculptured surface wall base profile. One 50 ft. (15.24 m) coiled length per carton. 48 lbs. (21.8 kgs.) per carton.

10. [**Simplicity**] (insert color): 5/16" (7.94 mm) thick by 4 1/2" (11.43 cm) high flat surface wall base profile with chamfered top. One 36 ft. (11 m) coiled length per carton. 44 lbs. (20 kgs.) per carton.

11. [**Cetera**] (insert color): 5/16" (7.94 mm) thick by 4 1/2" (11.43 cm) high flat surface wall base profile with sculptured top. One 36 ft. (11 m) coiled length per carton. 42 lbs. (19 kgs.) per carton.

12. [**Regal**] (insert color): 3/8" (9.52 mm) thick by 5 1/4" (13.3 cm) high flat surface wall base profile with sculptured top. One 25 ft. (7.62 m) coiled length per carton. 42 lbs. (19 kgs.) per carton.

13. [**Elegance**] (insert color): 3/16" (4.76 mm) thick by 6" (15.24 cm) high flat surface wall base profile with sculptured top. One 36 ft. (11 m) coiled length per carton. 43 lbs. (19.5 kgs.) per carton.

2.02 WALL BASE MATERIALS

- A. Mannington Edge Effects pre-mitered inside and outside corners are available for all Edge Effects profiles listed above. Field-made corners can be cut using a standard compound or sliding compound miter saw.

2.03 ADHESIVES

- A. Provide Mannington [MR-101 Acrylic Wall Base Adhesive] as recommended by the manufacturer. Adhesive does meet VOC content limit of SCAQMD Rule 1168.

2.04 ACCESSORIES

- A. For patching, smoothing, and leveling monolithic subfloors (concrete, terrazzo, quarry tile, ceramic tile, and certain metals), provide Mannington [MVP-2023] and [MVP-2023 additive]. For sealing joints between the top of wall base or integral cove cap and irregular wall surfaces such as masonry, provide plastic filler applied according to the manufacturer's recommendations.
- 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, Heterogeneous vinyl or rubber composition, tapered or bullnose edge, with color to match or contrast with the flooring, or as selected by the Architect from standard colors available.

PART 3 EXECUTION

3.01 INSPECTION

- A. Examine walls 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 walls 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 wall. 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 [Mannington, Patch and Leveling Compound] as recommended by the 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. Avoid organic solvents.

3.03 INSTALLATION OF WALL BASE

- A. Apply wall base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.
- B. Install wall base in lengths as long as practicable without gaps at seams and with tops of adjacent pieces aligned.
- C. Tightly adhere wall base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.
- D. Do not scratch wall base during installation.
- E. On masonry surfaces or other similar irregular substrates, fill voids along top edge of wall base with manufacturer's recommended adhesive filler material.
- F. Pre-mitered Corners: Install pre-mitered corners to match profile selection (s) as indicated in Paragraph 2.01 B before installing straight pieces.
- G. Job-formed Corners:
 - 1. Outside and Inside Corners: Install pre-mitered corners first. Seat the bottom of the wall base snugly to the floor on either side of the corner. Anaerobic adhesive (Super Glue) may be used to adhere the two mitered pieces together. This can eliminate any slight gapping. Butt straight pieces of maximum lengths on either side of the pre-mitered corners. Make sure heights of the corner returns and the straight base match up.
 - 2. Inside Corners: Use straight pieces of maximum lengths possible. Form by cutting an inverted V-shaped notch in toe of wall base at the point where corner is formed. Shave back of base where necessary to produce a snug fit to substrate.

3.04 CLEANING AND PROTECTION

- A. Perform initial maintenance according to the "Mannington Wall Base Installation Instructions."