

ARCHITECTURAL GUIDE SPECIFICATIONS - PRESCRIPTIVE
MANNINGTON OPTIMUM EDGE 100™ TYPE TS RUBBER
RESILIENT RUBBER WALL BASE

Section 09666 – Resilient Wall Base (Molded Rubber Type-TS)

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SECTION 09666
RESILIENT RUBBER WALL BASE
(MOLDED RUBBER - TYPE TS)

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.

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 installation 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 Optimum Edge 100™, Type TS Rubber, Molded Rubber Wall Base, in 100 linear foot rolls, as manufactured by Mannington Mills, Inc., in [insert Color] [color selected from the limited range currently available from Mannington Mills, Inc.], Type TS Molded Rubber Wall Base shall meet ASTM F-1861, Type TS, Group 1, "Standard Specification Resilient Rubber Wall Base."
- B. Available in 1/8" (3.18 mm) X 100 Linear Foot foals in 4" (101.6 mm) coved profile only in a smooth satin finish. Toeless profile is not available. Other wall base heights including 2 1/2" (63.5 mm), and 6" (152.4 mm), not offered. Available roll length is 100 feet (30.5 m).

2.02 WALL BASE MATERIALS

- A. Specify jobsite wrapped corners only.

2.03 ADHESIVES

- A. Provide Mannington [MR-101 Acrylic Wall Base Adhesive] as recommended by the manufacturer.

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[MVP- 2023] and [MVP-2023 additive] as recommended by the manufacturer.
- B. Remove paint, varnish, oils, release agents, sealers, and waxes. Remove residual adhesives as recommended by the 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.
- C. Make walls free from dust, dirt, grease and all foreign materials.
- D. Perform Bond Tests as described in "Mannington Professional Installation Guide," to determine if surfaces are dry; free of curing and hardening compounds, old adhesive, and other coatings; and ready to receive wall base.

3.03 INSTALLATION OF RUBBER 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. Job-formed Corners:
 - 1. Outside Corners: Use straight pieces of maximum lengths possible. Form without producing discoloration (whitening) at bends. Shave back of base at points where bends occur and remove strips perpendicular to length of base that are only deep enough to produce a snug fit without removing more than half the wall base thickness.
 - 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.
- G. These instructions do not supersede Mannington's Wall Base Installation Instructions. The contractor is responsible for reading and following The Wall Base Installation Instructions found in each carton and at Mannington.com.

3.04 CLEANING AND PROTECTION

- A. While adhesive is still wet remove any adhesive smears off the face of the product with damp cloth. Once dry, adhesive can be difficult to remove. Mineral spirits is flammable and contributes to VOC's; use sparingly and with adequate ventilation.
- B. Perform initial maintenance according to the "Mannington Wall Base Installation Instructions."