

**SECTION 12484
FURNISHINGS – FIBERED ROLL GOOD ENTRANCE SYSTEMS**

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes: Entrance matting systems, including fibered roll good entrance systems
- B. Related Sections: Section(s) related to this section include:
 - 1. Section 03300 - Cast-In-Place Concrete.
 - 2. Section 08110 - Steel Doors and Frames.
 - 3. Section 08212 - Stile and Rail Wood Doors.
 - 4. Section 08710 - Door Hardware.

1.02 REFERENCES

- A. Standards listed by reference, including revisions by issuing authority, form a part of this specification section to extent indicated. The Standards listed here are identified with a designation number, title or other designation established by the issuing authority.
- B. American Society for Testing and Materials (ASTM):
 - 1. ASTM D2859 Surface Flammability

C. SYSTEM DESCRIPTION

- D. Performance Requirements: Provide surface-mounted or recessed fibered entranceway system, which has been manufactured and installed to maintain performance criteria stated by manufacturer without defects, damage or failure.

1.03 SUBMITTALS

- A. General: Submit listed submittals in accordance with the Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. Product data: Submit product data, including manufacturer's specification sheet and installation instructions for specified products. Include methods of installation and substrate preparation for each type of substrate.
- C. Shop drawings: Submit shop drawings showing layout, profiles and product components, including anchorage, accessories, finish colors, patterns and textures.
- D. Samples: Submit samples for each type and color of exposed entrance mat, frames and accessories required. Provide 6-inch square samples of mat materials.

- E. Quality Assurance Submittals: (1) Certified test reports showing compliance with specified performance characteristics and physical properties, and (2) Manufacturer's Installation Instructions.
- F. Closeout Submittals: (1) Cleaning & Maintenance Data (Include methods for maintaining installed products and precautions against cleaning materials and methods detrimental to finishes and performance), and (2) Warranty.

1.04 QUALITY ASSURANCE

- A. Installer: Installer should be highly experienced in performing work of this section, having previously done work similar to that required for this project.

1.05 SEQUENCING/SCHEDULING

- A. Ordering: Comply with Manufacturer's ordering instructions and lead-time requirements to avoid construction delays.
- B. Delivery: Deliver materials in Manufacturer's original, unopened, undamaged packaging.
- C. Storage: Store materials at temperature and in humidity conditions recommended by manufacturer and protect from exposure to harmful weather conditions.
- D. Installation: Except as otherwise indicated herein, sequencing or scheduling for performance of work of this section in relation with other work is Contractor's option. Delay installation of mats until near time of substantial completion for the project.

1.06 PROJECT CONDITIONS

- A. Temperature: Maintain temperature where products will be installed before, during and after installation as recommended by Manufacturer.
- B. Field Measurements: Where possible, verify actual measurements by field measuring before fabrication and include measurements in shop drawings. To avoid construction delays, coordinate field measurements and fabrication schedule based upon construction progress.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Provide Defender by **American Mat & Rubber Co. d/b/a Amarco Products.**, PO Box 4085, 5 Powder Horn Drive, Warren, NJ, 07059; telephone 1-866-688-6287 or 732-302-1122; fax 877-MAT-ORDERS (1-877-628-6733); www.amarcomats.com.

2.02 MATERIALS

- A. Polypropylene Roll Goods: 100 percent heavy denier, solution dyed, needle punched polypropylene with rubber backing as follows:
1. **Defender**: 7/16 inch thick with composite rubber backing, 93 oz/sq.yd [Beige] [Dk. Green] [Burgundy] [Autumn] [Hunter Green] [Red] [Charcoal] [Natural] [Emerald] [Steel Blue] [Sterling] [Chocolate]
- B. Options & Accessories
1. Polypropylene Roll Goods:
 - a. N-3 Premium Sewn-on or Glued-on Nosing
 - b. Adhesive for Mounting: Mapie Eco-200 Adhesive as recommended by manufacturer
 - c. Aluminum Framing: Aluminum framing and ramping transitions as recommended by manufacturer
 - d. Vinyl reducer: PVC reducer transition strip as recommended by manufacturer
 - e. Custom inlaid logo
- D. Product Testing
1. ASTM D2829 Surface Flammability: Passes Federal Flammability Standard

2.03 PRODUCT SUBSTITUTIONS

- A. Substitutions: No substitutions permitted.

PART 3 – EXECUTION

3.01 SUBSTRATE PREPARATION

- A. Examine substrates and conditions where floor mats will be installed. Do not proceed with installation until unsatisfactory conditions are corrected. Sub floor shall be clean and dry, and within acceptable tolerances.

3.02 INSTALLATION

- A. General: Strictly comply with manufacturer's installation instructions and recommendations. Coordinate installation with adjacent work to ensure proper clearances and to prevent tripping hazards.
- B. Sizes: Where not indicated otherwise, provide single unit for each mat installation, but do not exceed manufacturer's maximum size recommendation for units intended for removal and cleaning. Where possible, verify sizes by field measurement before shop fabrication.

- C. Accessories: Where indicated for recessed or wall-to-wall applications provide aluminum framework as recommended by manufacturer. Where indicated for surface-mounted applications, provide tapered vinyl moldings with flanges sewn to back of mat on all four sides with mitered corners.

3.03 CLEANING AND PROTECTION

- A. General Cleaning: Refer to Manufacturer's Cleaning and Maintenance Instructions.
- B. Owner's Personnel: Instruct Owner's personnel in proper maintenance procedures.
- C. Protection: Protect installed product and finish surfaces from damage during construction and until acceptance.

END OF SECTION

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