

## SECTION 12484

## ENTRANCE MATS AND FRAMES

1 PART 1 GENERAL

## 1.1 DESCRIPTION

- A. Work Included: Provide and install entrance mats and accessories where shown on the drawings, as specified herein, and as needed for a complete and proper glue-down installation.
- B. Related Work:
  - 1. Documents affecting work of this section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Division 1 of these specifications.
  - 2. Coordination – The entrance mat installer shall coordinate his work with that of other trades affecting, or affected by, his work, cooperating as necessary with other trades to assure the steady progress of all work under the new contract.

## 1.2 SUBMITTALS

- A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
- B. Shop Drawings: Show the following:
  - 1. Items penetrating floor mats and frames, including door control devices.
  - 2. Divisions between mat sections.
  - 3. Perimeter floor moldings.
- C. Samples for Initial Selection: For each type of product indicated.
  - 1. Floor Mat: 12-inch- square, assembled sections of floor mat.
- D. Maintenance Data: For floor mat to include in maintenance manuals.

## 1.3 QUALITY ASSURANCE

- A. Source Limitations: Obtain floor mats through one source from a single manufacturer.
- B. Accessibility Requirements: Provide installed entrance mats that comply with Section 4.5 in the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)" and the local Architectural Access Board.

## 1.4 PROJECT CONDITIONS

- A. Field Measurements: Indicate measurements on Shop Drawings.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
  - 1. Entrance Mats:
    - a. "Berber" floor matting by Mats Inc., 37 Shuman Avenue, Stoughton MA 02072: 1.800.MATS.INC (1-800-628-7462); e-mail: www.matsinc.com

### 2.2 ENTRANCE MATS

- A. General: Provide colors, patterns, and profiles of materials indicated or specified within the Color Selection Schedule.
- B. Carpet-Type Mats MAT1: 100% polypropylene solution dyed carpet bonded to high density backing to form a solid mat 3/8 inch thick with non-raveling edges.
  - 1. Colors, Textures, and Patterns: Refer to Finish Schedule.
  - 2. Mat Size: To extend from wall to wall within the entry vestibule as indicated within the drawings
  - 3. Flexible Edging: N/A.

### 2.3 FABRICATION

- A. General: Where possible, verify sizes by field measurement before shop fabrication.
- B. Floor Mats: Shop fabricate units to greatest extent possible in sizes as indicated. If not otherwise indicated, provide single unit for each mat installation; do not exceed manufacturer's recommended maximum sizes for units that are removed for maintenance and cleaning. Where joints in mats are necessary, space symmetrically and away from normal traffic lanes. Miter corner joints in framing elements with hairline joints or provide prefabricated corner units without joints.
- C. Completed design shall allow for 4" free distance between the outer parameters of product edges and permanent above grade obstructions.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Verification of Conditions: Subfloors shall be clean and dry. Inspect all substrates and subfloors for proper tolerances, and report any discrepancies to the general contractor in writing.
- B. Preinstallation Measurements: Verify actual measurement by field measuring before any onsite cutting, if applicable. To avoid construction delays, coordinate field measurements based upon construction progress.

### 3.2 SURFACE PREPARATION

- A. Concrete subfloors: Where concrete subfloors are present, all work required to put the concrete subfloor in acceptable condition shall be the responsibility of the general contractor. See the state requirements for the project location.

### 3.3 INSTALLATION

- A. Interface with Other Work: If transitions are required to and/or from the specified entrance matting, contact Mats Inc. for suitable transition material.
- 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. Accessory selection: 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.

### 3.4 PROTECTION

- A. After completing installation provide temporary protection for flooring throughout the remaining construction period.
- B. Defer installation of floor mats until Project is near Substantial Completion.

END OF SECTION