

MASTER SPECIFICATION

SECTION 12484 FURNISHINGS – FIBERED MODULAR TILE ENTRANCE SYSTEMS

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes: Entrance matting systems, including fibered modular tile 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 D2829 Surface Flammability

C. SYSTEM DESCRIPTION

- D. Performance Requirements: Provide recessed fibered modular tile 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 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 Diagonal Tile by **Amarco Products.**, PO Box 4085, 5 Powder Horn Drive, Warren, NJ, 07059; telephone 866-688-MATS (866-688-6287) or 732-302-1122; fax 1-877-MAT-ORDERS (877-628-6733) or 732-302-1120 ; www.amarcoproducts.com

2.02 MATERIALS

- A. Polypropylene Modular Matting Tiles: 100 percent heavy denier, solution dyed, needle punched polypropylene with bitumen backing as follows:
 - 1. **Diagonal Tile**, 19-11/16 by 19-11/16 by 7/16 inch thick, bitumen backing, 126 oz/sq. yd [Black Gold] [Crimson] [Espresso] [Moss Green] [Mustard] [Ocean Blue] [Pesto] [Charcoal] color.
- B. Options & Accessories
 - 1. Adhesive for mounting bitumen backing: Amarco Products PS-1004 Adhesive as recommended by manufacturer.
 - 2. Adhesive for mounting rubber backing: Amarco Products MP-1004 Adhesive as recommended by manufacturer.
 - 3. Aluminum framing: Aluminum framing and ramping transitions as recommended by manufacturer.
 - 4. Vinyl reducer: PVC reducer transition strip as recommended by manufacturer.
- 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. Lay tile from center marks established with principal walls or general entrance area, discounting minor offsets, so that tile at opposite edges of flooring area are of equal width. Adjust as necessary to avoid use of cut widths less than 1/2 tile at room perimeters. Lay tile square to flooring area axis, quarter-turning tiles using directional arrows as marked on the underside of the tile, unless otherwise directed. Coordinate installation with adjacent work to ensure proper clearances and to prevent tripping hazards.

- B. Sizes: Where possible, verify sizes by field measurement before shop fabrication.
- C. Accessories: Where indicated for recessed or wall-to-wall applications provide aluminum framework and aluminum ramping or vinyl transition strips as recommended by manufacturer.

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

©2007 American Mat & Rubber Company dba/ Amarco Products. All Rights Reserved.
A copyright license to reproduce this specification is hereby granted
to non-manufacturing architects, specification writers, and designers.
Rev 3/19