

**SECTION 12 48 12
ENTRANCE FLOOR MATS**

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 specification section, apply to work of this section.

1.2 SECTION INCLUDES

- A. See plans for the extent of entrance mat work and the provisions of this section.
- B. Types of work specified as work of this section include the following:
 - 1. Surface-type mats.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- B. Product Data:
 - 1. Submit manufacturer's specifications and installation instructions for each type of entrance mat.
 - 2. Include methods of installation for each type of substrate.
- C. Samples:
 - 1. Submit samples for each type and color of exposed entrance mat, frames, and accessories.
 - 2. Provide 12" square samples of mat materials and 12" lengths of frame members.

1.4 MAINTENANCE DATA

- A. Submit under provisions of Section 01 77 00.
- B. Maintenance Data: Submit manufacturer's printed instructions for cleaning, drying, maintenance, and handling of removable entrance mat units.

1.5 FIELD MEASUREMENTS

- A. Verify that field measurements are as indicated on shop drawings.

PART 2 PRODUCTS

2.1 MATERIALS AND FABRICATION

- A. General: Provide colors/patterns/profiles of materials, including metals and metal finishes, as indicated on drawings or by this specification or, where not indicated, as selected by Architect from manufacturer's standard colors/ patterns/ profiles.
 - 1. Shop-fabricate the entrance mat work to greatest extent possible, in sizes as indicated on plans.
 - 2. Where not otherwise indicated, provide single unit for each mat installation, but do not exceed manufacturer's maximum size recommendation for units intended for removal and cleaning.
 - 3. Where joints in mats are necessary, space them symmetrically and away from normal traffic lanes.
 - 4. Miter corner joints in framing elements, with hairline joints, or provide prefabricated corner units without joints.
 - 5. Where possible, verify sizes by field measurement prior to shop fabrication.
- B. Roll-Up Type Foot Grilles:
 - 1. Provide frame model JL-TR aluminum recessed mounted entrance mat as manufactured by JL-TR Industry or approved equal.

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2. With extruded aluminum hinged tread-slat mat system, with slotted hinges of aluminum to form 2" wide x 3/8" thick slat modules
 3. With top-surface, tread inserts of fusion-bonded carpet of 1/4" high x 28 oz. per sq. yd, Level-cut DuPont "Antron III" nylon filament, with continuous vinyl cushions on bottom surface of slats.
 4. Vinyl edge accessories to accommodate frame application as indicated.
- C. Frame Finish: As selected by the Architect from the manufacturer's standard color palette.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install surface-type units to comply with manufacturer's instructions, at locations indicated and coordinated with entrance locations and traffic patterns.
1. Anchor the fixed surface type frame members to floor with devices spaced as recommended by manufacturer.

END OF SECTION