

SECTION 12 48 13.13

ENTRANCE FLOOR MATS

07/07

PART 1 GENERAL

1.1 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-03 Product Data

Manufacturer's data must be submitted indicating percentage of recycled material content in protective flooring materials and Entrance Floor Mats to verify affirmative procurement compliance.

Total weight and volume quantities of protective flooring materials with recycle material must be submitted.

SD-04 Samples

Submit one sample 12 inch square, assembled sections of floor mat to show corners, intersections, and other details of construction. Provide any graphics in drawing for approval.

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) for installed entrance and floor mats.

PART 2 PRODUCTS

2.1 AFFIRMATIVE PROCUREMENT

Mats are listed in the EPA's Comprehensive Procurement Guidelines (CPG) at <http://www.epa.gov/epaoswer/non-hw/procure/products/mats.htm>.

EPA's recommended Recovered Materials Content Levels for Mats.

Product	Material	Percent Of Post Consumer Materials	Percent Of Total Recovered Materials
Mats	Rubber	75 - 100	85 - 100
	Plastic	10 - 100	100
	Rubber/ Plastic composite	100	100

The recommended recovered materials content levels are based on the dry weight of the raw materials, exclusive of any additives such as adhesives, binders, or coloring agents. EPA's recommendation does not preclude procuring agencies from purchasing mats manufactured from another material.

It simply recommends that procuring agencies, when purchasing mats made from rubber or plastic, purchase these items made from recovered materials.

For informational purposes, a list of known sources for mats using recycled material is provided in the EPA/CPG Supplier database at http://www.ergweb2.com/cpg4review/user/cpg_search.cfm.

Note that the Contractor is not limited to these sources. A product meeting CPG recycle requirements from other sources may be submitted for the Government's approval.

Contractor must submit **recycled material content** data for **protective flooring materials** indicating compliance with affirmative procurement.

Contractor must submit total weight and volume quantities of **protective flooring materials** with recycle material.

2.2 TYPE OF MATS

2.2.1 Entrance Floor Mats

Rubber-Tire Mats must be the industrial type, rubber-tire fabric mats that have uniform-size links a minimum of **5/8 inch** thick, and made from recycled selected truck and bus tires. Links must be woven in a herringbone design on galvanized spring-steel wire. Mats must have approximately **2 inch** wide beveled nosing for surface use.

Size of Rubber-Tire Mats as indicated on drawings.

2.2.2 RECESSED FLOOR MAT FRAMES

As specified in section **05 50 13**, Miscellaneous Metal Fabrications.

PART 3 EXECUTION

3.1 DELIVERY OF MATERIALS

Deliver materials to the project site in their original packages or containers bearing labels clearly identifying the manufacturer, brand name, and quality or grade.

Store materials in their original unbroken packages or containers in the area in which they will be installed. Unwrap, inspect, and place mats at indicated location.

Contractor must remove and dispose excess packing materials.

3.2 EXAMINATION

Comply with manufacture's requirements of substrates and floor conditions for location, sizes, and other conditions affecting installation of floor mats and frames.

3.3 INSTALLATION

Install only in satisfactory conditions. Comply with manufacturer's written printed instructions for recessed mat frames. Set mat tops at height recommended by manufacturer for most effective cleaning action. Coordinate top of mat surfaces with bottom of doors that swing across mats to provide

clearance between door and mat.

Install grout and fill around frames and, if required to set mat tops at proper elevations, in recesses under mats. Finish grout and fill smooth and level. Coordinate with other trades, entrance locations and traffic patterns.

-- End of Section --