12 48 00 – Entrance Mats

1. Introduction

   A. All Entrances require Entrance Mats. The Architect shall provide mat locations on the Construction documents and mark as NIC (Not in contract).

   B. Entrance mats will be provided by University Housekeeping.

2. References


   C. ASTM F 2240 - Standard Test Method for Rubber Property Durometer Hardness


   E. ASTM D 1630 - Standard Test Method for Rubber Property-Abrasion Resistance (Footwear Abrader)


   G. ASTM F 710 - Preparation of Concrete Slabs to Receive Resilient Flooring.

   H. ASTM F 1482 - Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring.


3. Design / Performance Requirements

   A. Regulatory Requirements:

   1. Fire Performance characteristics: Provide rubber floor covering with the following fire performance characteristics as determined by testing products in accordance with ASTM method (and NFPA method) indicated below by a certified testing laboratory or another testing and inspecting agency acceptable to authorities having jurisdiction.
a. ASTM E 648 (NFPA 253), Critical Radiant Flux of Floor Covering Systems: Class 1, Greater than 0.45 w/cm²

b. ASTM E 662 (NFPA 258), Specific Optical Density of Smoke Generated by Solid Materials: Passes, (< 450)

4. **Submittals**

   A. Submit under provisions of Administrative Requirements.

   B. **Product Data:** Manufacturer’s data sheets on each product to be used, including:

      1. Preparation instructions and recommendations.
      2. Storage and handling requirements and recommendations.
      3. Installation methods.

   C. **Shop Drawings:** Submit shop drawings showing layout. When applicable finish colors, patterns and textures are to be coordinated with University Housekeeping.

   D. **LEED Submittals (when applicable):** Provide documentation of how the requirements of Credit will be met:

      1. List of proposed materials with recycled content. Indicate post-consumer recycled content and pre-consumer recycled content for each product having recycled content.
      2. Product data and certification letter indicating percentages by weight of post-consumer and pre-consumer recycled content for products having recycled content.

   E. If entrance mats are included in the designer’s contract should provide University Housekeeping the following for review and approval:

      1. **Selection Samples:** For each finish product specified, two complete sets of color chips representing manufacturer’s full range of available colors and patterns.
      2. **Verification Samples:** For each finish product specified, two samples, minimum size 12 inches (300 mm) square, representing actual product, color, and patterns.
      3. **Manufacturer’s Certificates:** Certify products meet or exceed specified requirements.
      4. **Closeout Submittals:** Provide manufacturer’s maintenance instructions that include recommendations for periodic cleaning and maintenance of all components.

5. **Manufacturers**
A. Acceptable Manufacturer:

1. ______________________