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**Part 1            General**

**1.1                SHOP DRAWINGS**

- .1        Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.
- .2        Product data for each type of entrance matting and frame to include detail drawing, product cross section and technical information.
- .3        Manufacturer's product specification, installation instructions.

**1.2                MAINTENANCE DATA**

- .1        Provide maintenance data for cleaning and maintenance of floor matt for incorporation into manual specified in Section 01 78 00 .

**1.3                QUALITY ASSURANCE**

- .1        Slip resistance: Coefficient of friction 0.60 or greater in accordance with ASTM D2047 tested in wet conditions.
- .2        Rolling load: No deformation with 500 lb/wheel and minimum of 2500 passes. Load applied to a 5" diameter , 2" wide solid polyurethane wheel.
- .3        Single source: Obtain entrance matting and frames from a single source to ensure dimensional compatibility.

**Part 2            Products**

**2.1                MATERIALS**

- .1        Products by the following manufacturers are acceptable: Pawling Corporation
- .2        Products of other manufacturers of similar profile conforming to requirements of Drawings and                Specifications.
- .3        Entrance Grating: model RG-710 type 304 stainless steel v-wire resistance welded to type 304 stainless steel fin support rails. V-Wire rails .069" x .185" spaced to provide .125" opening to allow for drainage. Support fins .070" x .500" to provide an overall grating height of 5/8". Support fins are spaced approximately 1" on center. Walking surface is a #3 satin finish.
- .4        Frame for model RGFS-710 extruded type 304 stainless steel 3/4" x 3/4" angle frame. Installed frame provides 1/8" exposed perimeter trim and 5/8" deep recess. Standard mill finish.

**Part 3 Execution**

**3.1 INSTALLATION**

- .1 Set and firmly secure frame square and level in concrete. Top of frame and carriers shall be flush with floor finish.
- .2 Install in accordance with manufacture's written instructions.
- .3 Protect foot grill during construction.
- .4 Clean foot grill.

**END OF SECTION**