

SECTION 12480

ENTRANCE MATS

PART 1 - GENERAL

1.1 SUBMITTALS:

- A. Shop drawings: Submit detailed shop drawings of mat recess and installation.
- B. Product data: Submit manufacturer's descriptive literature with schedule of mat locations and sizes.
- C. Sample: Submit sample of mat, approximately 8" by 8" in size, indicating texture, perforation, color, edging and thickness.

1.2 JOB CONDITIONS:

- A. Scheduling: Install mats as finished floors are completed. Remove, clean and replace at Date of Substantial Completion. Replace mats damaged during construction.
- B. Coordination: Coordinate mat installation with entrance door installation to ensure clearance of operating door over mat.

PART 2 - PRODUCTS

2.1 RECESSED CARPET STRIP ENTRANCE GRID:

- A. Acceptable products:
 - 1. Arden Architectural Specialties, Inc., Model G-100/F-1.
 - 2. Balco Inc., Type FG-1-1/2C Floor Grid.
 - 3. Construction Specialties, Inc., Pedigrid Series LB 1600C.
 - 4. J. L. Industries, Model JL900 Grating.
 - 5. Reese Enterprises, Inc., No. 420/470.
- B. Grid characteristics:
 - 1. Type: Rigid aluminum strip grid with carpet inserts and frame for nominal 1-1/2" to 1-3/4" deep recessed level pit installation, in accord with mat manufacturer's product data.
 - 2. Rails: Extruded aluminum with continuous, resilient, vinyl pad support, spaced with perpendicular interlocking grid system. Space between adjacent rails shall be 1/8" minimum to 3/16" maximum, uniform within each grid system.
 - 3. Grid load capacity: 200 lbs./sq. ft. uniform loading.
 - 4. Carpet inserts: Custom carpet as furnished by Owner for installation by Contractor (OFCI).
 - 5. Sizes and locations: As indicated on drawings. Furnish in full length sections or with joints only as shown on approved shop drawings.

- C. Recessed frame characteristics:
1. Frame: Manufacturer's standard extruded aluminum for flush, recessed grid installation, with maximum 1/2" face edge exposure; recessed depth in accord with grid manufacturer's product data.
 2. Factory fabricate with coped corners and pin connections, frame sized to grid and shipped knocked down for field assembly. Protect surfaces to contact concrete with factory-applied coating.
 3. Pit liner: 0.06" thick aluminum sheet with 2" IPS floor drain.
 4. Provide anchors for cast-in-place concrete construction.
- D. Finish: extruded aluminum; black anodized.

PART 3 - EXECUTION

3.1 INSTALLATION:

- A. Prior to placing concrete or finished flooring, install recessed frames at designated locations, level and true to line, in accord with approved shop drawings and product data. Frames shall be square to building, centered on opening and flush with adjacent finished surfacing. Anchor to concrete in accord with approved shop drawings. Connect frames using manufacturer's pin connections to form tight-fitting mitered or coped joints at corners.
- B. Install grid system within framed recess, with grid perpendicular to traffic flow, in accord with approved submittals. Grid shall mount flush with frame, level, rigid and with solid bearing to prevent wobble or looseness. Attachment shall provide for easy removal for cleaning.
- C. Protect mats against damage or staining until project completion. Clean mats and recesses at Date of Substantial Completion. Replace damaged or stained mats.

End of Section

SECTION 12491

HORIZONTAL BLINDS

PART 1 - GENERAL

1.1 SUBMITTALS:

- A. Product data: Submit manufacturer's product data for blinds. Indicate materials, finishes, construction and installation instructions. Include manufacturer's recommended maintenance and cleaning instructions.
- B. Sample: Submit full size sample indicating top and bottom hardware, tracks, cord and ladders and minimum 1'-0" length of slat.
- C. Shop drawings: Indicate fasteners, installation methods and clearances at head, jamb and sill. Indicate installation of blinds in blind pocket with dimensions of all components.

1.2 DELIVERY, STORAGE AND HANDLING:

- A. Deliver to project site in manufacturer's original packaging.
- B. Handle and store to prevent damage to finished surfaces and operating mechanisms.

1.3 WARRANTY:

- A. Provide blind manufacturer's standard material warranty for slats, tilters, hardware, finish and construction. Warranty period shall be lifetime of original installation, beginning at Date of Substantial Completion.

PART 2 - PRODUCTS

2.1 VENETIAN BLINDS:

- A. Acceptable products; subject to compliance with specified requirements:
 - 1. Hunter Douglas, Inc., Model CD80.
 - 2. Levelor Lorentzen, Inc., Riviera.
 - 3. Springs Window Fashions Division, Inc., Bali Classics.
- B. Characteristics: Provide each blind as a complete unit produced by one manufacturer, including hardware, accessory items, mounting brackets and fasteners:
 - 1. Headrail: Maximum 1-3/8" by 1-1/2".
 - 2. Slats: Nominal 1" wide, 0.008" thickness aluminum; 20 mm spacing between slats.
 - 3. Construction: Aluminum and steel components with synthetic fiber ladders and lift cords.
 - 4. Tilt operation: Disengaging wand tilter; wand at 4'-0" above finished floor.

5. Finish: Provide metal components with anti-static and anti-microbial factory finish in color matching color of horizontal blinds in existing building.
 6. Hardware: Brackets, supports and internal reinforcement for installation and operation.
- C. Pivot plate: Design plate for installation of blinds in blind pocket without brackets.
- D. Ventilation: Provide ventilation through blinds by pre-setting tilt mechanism with cam stop to prevent blinds from closing more than 60 degrees above or below horizontal.

2.2 FABRICATION:

- A. Verify actual opening dimensions by job site measurements.
- B. Fabricate units for openings indicated, from head to sill and jamb to jamb. For continuous installations, fabricate blinds so that ends occur over mullions.
- C. Fabricate blinds with tilt operation controls on left-hand side of units. Provide full height raising operation with locking only in fully raised position.
- D. Locate pull cords for raising and lowering on right-hand side of units. Where pull cords or wand tilters are located behind columns and at building corners, install pull cords and wands on same side of blind unit for ease of access.

PART 3 - EXECUTION

3.1 INSTALLATION:

- A. Install blinds in all exterior windows and in windows of large and small conference rooms, plumb and in accord with manufacturer's product data and approved shop drawings. Provide intermediate support for blinds greater than 5'-0" in length.
- B. Adjust operating mechanisms for proper operation. Clean exposed surfaces prior to Date of Substantial Completion. Repair or replace damaged blinds or units which have been stained.

End of Section

SECTION 12610

AUDITORIUM SEATING

PART 1 - GENERAL

1.1 SUBMITTALS:

- A. Shop drawings: Indicate seating layouts, including handicap accessible units, removable units, dimensioned aisles and seating areas. Indicate methods of attachment to floor. Show exact number of seats required.
- B. Product data: Submit manufacturer's product data indicating materials, construction, and installation instructions. Include test reports certifying fire resistance properties of non-metallic components and load/impact test results.
- C. Samples: Submit wood and fabric samples for Architect's selection. Submit one full size, operating seat unit incorporating finish selections, for acceptance by Architect.

1.2 DELIVERY, STORAGE AND HANDLING:

- A. Deliver no seating to project site until finishing work in spaces to receive seating is completed.

1.3 JOB CONDITIONS:

- A. Install seating following completion and acceptance of ceiling, floor and wall finishes by Architect. Overhead and adjacent construction and finishes shall be complete before installation.
- B. Protect seating from damage, or defacement following installation. Replace damaged or defaced components.

1.3 QUALITY ASSURANCE:

- A. Installer qualifications: Engage a manufacturer-approved, locally based, experienced installer who regularly installs and services auditorium seating similar in kind, quality and type as specified and required for this project.
- B. Single source responsibility: Obtain seating from a single manufacturer, including accessories, mounting and installation components.

1.4 WARRANTIES:

- A. Seating manufacturer shall warrant material and finish of seats against delamination, deterioration or failure for a period of five years from Date of Substantial Completion. Defective units shall be replaced at no cost to Owner.

PART 2 - PRODUCTS

2.1 MANUFACTURER:

- A. Acceptable manufacturers:
 - 1. Inno.
 - 2. KI Seating.
 - 3. American Seating Co.
 - 4. Irwin Seating.
- B. Basis of design: Match Inno, Mio Auditorium Chair.

2.2 CHARACTERISTICS:

- A. Width: 585 MM.
- B. Upholstery, including rear of seat back:
 - 1. Acceptable product: HBF Textiles, (Name: "Maze", Color #636-46 Pomegranate.
 - 2. Width: 54", 1-1/4" vertical and 1-1/4" horizontal repeat.
 - 3. Material: 59% rayon, 27% polyester, 14% cotton, light acrylic backing.
- C. Legs: Oval steel tube.
- D. Armrests: Upholstered.
- E. Back rest and seat: Wood.

PART 3 - EXECUTION

3.1 INSTALLATION:

- A. Install seating units in accord with accepted submittals and approved shop drawings. Attach floor-mounted seating units to concrete floor.
- B. Install and adjust seats and other operating mechanisms.
- C. Following completion of installation, verify that seating units operate without binding or sticking. Lubricate and adjust.
- D. Just prior to Date of Substantial Completion, clean seating installation of debris. Clean exposed surfaces of dust and dirt. Replace components with damaged or marred surfaces unless correctable to satisfaction of Architect.

End of Section