

## SECTION 10 21 14 - Hadrian

### SOLID PLASTIC HEADRAIL BRACED TOILET PARTITIONS

#### PART 1 GENERAL

##### 1.1 SUMMARY

###### A. Section Includes

1. Furnish, deliver and install all Toilet Partitions as indicated on the drawings and as required by actual conditions at the building. The Toilet Partitions shall include the furnishing of all necessary screws, special screws, bolts, special bolts, expansion shields and all other devices necessary for the proper installation and application of the Toilet Partitions.

###### B. Related Sections

1. Section: 10 28 13 Washroom Accessories

##### 1.2 REFERENCES

###### A. Standard

1. All Toilet Partitions must be scheduled, supplied and installed in accordance with: Local Building Code, ANSI (American National Standards Institute), ADA (Americans with Disabilities Act). In all cases the above references shall be taken to mean the latest edition of that particular standard including all revisions.
2. NFPA 286

##### 1.3 SUBMITTALS

###### A. General Requirements

1. Make all submittals in accordance with Section: 01 33 00

###### B. Product Data

1. Submit (2) copies of product sheets and/or catalogue cuts, of all products listed in the shop drawings.

###### C. Samples

1. Upon request, a returnable sample of the Toilet Partitions shall be submitted to the Architect for approval not later than (10) days after requested. All samples must be properly identified including: name of supplier, and name of manufacturer.

###### D. Operations and Maintenance Data

1. At completion of the job, furnish to the owner (2) copies of an Owners Operation and Maintenance Manual. The Manual shall consist of a hard cover three ring binder with the project name in the front. Include in the manual the following information: Maintenance instructions, Catalogue pages for each product, Name/Address and

phone number of the Manufacturer and their Sales Agent, Copy of the final shop drawings.

#### 1.4 QUALITY ASSURANCE

##### A. Substitutions

1. Proposed substitutions must comply with Section 01 60 00.

##### B. Supplier Qualifications

1. Toilet Partition shop drawings and Toilet Partitions shall be procured from a source of supply approved by the Consultant/Owner/Architect. Supplier is responsible for the complete Toilet Partition subcontract.

#### 1.5 DELIVERY, STORAGE AND HANDLING

##### A. Marking and Packaging

1. Toilet Partitions must be delivered to the job site in the manufacturers' original packages and marked to correspond with the approved shop drawings.

##### B. Delivery

1. Toilet Partitions must be delivered in an amount of time deemed appropriate by the Consultant/Owner.

#### 1.6 WARRANTY

##### A. Written Guarantee

1. The Toilet Partition manufacturer shall guarantee all Solid Plastic Toilet Partitions by written certification, for a period of 25 years against breakage, delamination, and corrosion of solid plastic parts. Warranty is for manufacturer's material only and does not include installation errors, improper usage or vandalism.

#### 1.7 MAINTENANCE

##### A. Maintenance

1. Upon request, at completion of the project, the Toilet Partition supplier may be required to brief Owner's maintenance staff regarding proper care of Toilet Partitions, such as: required lubrications, adjustments, cleaning, etc...

### PART 2 PRODUCTS

#### 2.1 PRODUCTS

##### A. Solid Plastic overhead braced toilet partition and urinal system manufactured by Hadrian Inc.

1. Approved Alternate manufacturers:
  - a. Scranton Products - Hiny Hiders
  - b. ASI Accurate Partitions Corporation

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c. General Partitions

- B. Only those manufacturer's names and product numbers listed herein, are approved for use on this project. All other manufacturers must request approval as per Section 01 60 00.

2.2 MATERIALS

- A. Construction Features: Doors, panels and pilasters shall be polypropylene or polyethylene solid plastic. The material's self-lubricating surface is resistant to marking and can be maintained effectively with ordinary household cleaners. Material is ideal for toilet partition installations, especially in high abuse environments.
1. Materials must pass NFPA 286 fire test standards.
- B. Doors: Shall be (25mm) 1" thick by (1397mm) 55" high straight cut with fine radius edges.
- C. Panels: Shall be (25mm) 1" thick by (1397mm) 55" high straight cut with fine radius edges.
- D. Urinal panel: 24" deep x 42" high. **Provide floor-to ceiling mount pilaster at end.**
- E. Pilasters: Shall be (25mm) 1" thick by (2083mm) 82" high straight cut with fine radius edges. Urinal pilaster height is to be coordinated with ceiling height.
- F. Headrail: Shall be 32mm (1.25") by 44mm (1.75") extruded anodized aluminum with anti-grip design. Wall thickness to be 1.5mm (0.060") and shall be securely attached to wall and pilasters with manufacturer's fittings in such a way as to make a rigid installation. All joints in headrails shall be made at a pilaster.
- G. Pilaster Fastening Method: Pilasters shall be securely and rigidly fastened to the floor on vertically adjustable floor brackets. The floor fastening shall be concealed and protected by a 4" (102mm) high stainless steel pilaster shoe. One full-height continuous aluminum channel shall be used at the pilaster to panel connection. Three heavy-duty aluminum brackets shall be used at the pilaster to wall connection.
- H. Hardware & Fittings: Doors shall be equipped with a full-height continuous 16-gauge stainless steel hinge with a stainless-steel hinge pin, door latch, and bumper/coat hook. Door at accessible stall to have additional bumper on exterior side.

2.3 FINISH

- A. Doors, panels, and pilasters shall be constructed of matte finished polypropylene or gloss finished polyethylene with uniform color throughout. Color: Gray 239.

## PART 3 EXECUTION

### 3.1 EXAMINATION

#### A. Site Preparation

1. The contractor must examine all site conditions that would prevent the proper application and installation of Toilet Partitions. Any defect must be immediately identified and corrected, prior to the installation of the Toilet Partitions.
2. Take site dimensions affecting this work. Verify correct spacing of plumbing fixtures.

### 3.2 INSTALLATION

#### A. Mounting Locations

1. All Toilet Partitions must be mounted according to Manufacturers standard locations and those specified on the drawings.

### 3.3 FIELD QUALITY CONTROL

#### A. Inspection

1. After installation has been completed, provide for a site inspection of all Toilet Partitions to determine that all items have been supplied and installed as per the enclosed details. Also, check the operation and adjustment of all Toilet Partitions. Any discrepancies, or malfunctioning product, must be reported to the Architect immediately.

### 3.4 ADJUSTMENT AND CLEANING

#### A. Final Preparation

1. At final completion, Toilet Partitions shall be left clean and free from disfigurement. Make all final adjustments. Where Toilet Partitions are found defective, repair or replace or otherwise correct as directed.

#### B. Properly dispose of packing and waste created from installation of partition system.

### 3.5 PROTECTION

#### A. Site Protection

1. The Contractor must provide for the proper protection of all Toilet Partitions until the owner accepts the project as complete.

### 3.6 TOILET PARTITION SCHEDULE

#### A. Schedule

1. Provide Toilet Partitions as specified in all above sections and as per the detailed Architectural Drawings.

END OF SECTION

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