

**SECTION 10 21 13.19**

**PLASTIC TOILET COMPARTMENTS**

**PART 1 – GENERAL**

1.1 PURPOSE

- A. This guideline is intended to provide useful information to the Professional Service Provider (PSP) to establish a basis of design. PSP is to apply the principles of this section such that the University of Texas at Arlington (UTA) may achieve a level of quality and consistency in the design and construction of their facilities. Deviations from these guidelines must be approved by UTA and may require justification through Life Cycle Cost (LCC) analysis and submitted to UTA for approval.

1.2 LESSONS LEARNED AND DESIGN CONSIDERATIONS

- A. Provide continuous metal wall brackets where panels abut to wall surface and at panel junctions.
- B. Mount urinal screens 14” minimum above finished floor.
- C. Gaps between panels and at doors shall be ¼” maximum.

1.3 SECTION INCLUDES

- A. Solid plastic toilet compartments.

1.4 RELATED REQUIREMENTS

- A. Section 06 10 00 – Rough Carpentry: Blocking and supports.
- B. Section 10 28 00 – Toilet and Bath Accessories.

1.5 ADMINISTRATIVE REQUIREMENTS

- A. Coordination: Coordinate the work with placement of support framing and anchors in walls and ceilings.

1.6 SUBMITTALS

- A. See Division 01 for submittal procedures.
- B. Shop Drawings: Indicate partition plan, elevation views, dimensions, details of wall supports, door swings.
- C. Product Data: Provide data on panel construction, hardware, and accessories.
- D. Samples: Submit two samples of partition panels, \_\_\_ by \_\_\_ inch in size illustrating panel finish, color, and sheen.
- E. Manufacturer's Installation Instructions: Indicate special procedures.

**PART 2 – PRODUCTS**

2.1 MANUFACTURERS

- A. Solid Plastic Toilet Compartments:
  - 1. Basis of Design: Scranton, Hiny Hiders
  - 2. ASI, Accurate Partitions
  - 3. Substitutions: See Division 01.

2.2 SOLID PLASTIC TOILET COMPARTMENTS

- A. Toilet Compartments: Factory fabricated doors, pilasters, and divider panels made of solid molded high density polyethylene (HDPE), floor-anchored, overhead braced.
- B. Doors:
  - 1. Thickness: 1 inch.
  - 2. Width: 24 inch.
  - 3. Width for Handicapped Use: 36 inch, out-swinging.
  - 4. Height: 55 inch
- C. Panels:
  - 1. Thickness: 1 inch.
  - 2. Height: 55 inch.
  - 3. Depth: As indicated on drawings.

## GUIDE SPECIFICATIONS FOR DESIGN AND CONSTRUCTION DOCUMENTS

- D. Pilasters:
  - 1. Thickness: 1 inch.
  - 2. Width: As required to fit space; minimum 3 inch

### 2.3 COMPONENTS

- A. Toilet Compartments: Factory fabricated doors, pilasters, and divider panels made of solid molded high density polyethylene (HDPE), floor-anchored, overhead braced.
  - 1. Color: As selected by Architect.
- B. Door and Panel Dimensions:
  - 1. Thickness: 1 inch.
  - 2. Door Width: 24 inch.
  - 3. Door Width for Handicapped Use: 36 inch, out-swinging.
  - 4. Height: 55 inch.
  - 5. Thickness of Pilasters: 1 inch.
- C. Urinal Screens: Wall mounted with continuous bracket 2-ear bracket type and floor mounted vertical upright at panel end.

### 2.4 ACCESSORIES

- A. Pilaster Shoes: Formed ASTM A666, Type 304 stainless steel with No. 4 finish, 3 in high, concealing floor fastenings.
  - 1. Provide ceiling attachment using two adjustable hanging studs, attached to above-ceiling framing.
- B. Head Rails: Hollow stainless steel tube, 1 x 1-5/8 inch size, with anti-grip strips and cast socket wall brackets.
- C. Wall Brackets: Continuous type, satin stainless steel.
- D. Attachments, Screws, and Bolts: Stainless steel, tamper proof type.
  - 1. For attaching panels and pilasters to brackets: Through-bolts and nuts; tamper proof.
- E. Hardware: Satin stainless steel:
  - 1. Pivot hinges, gravity type, adjustable for door close positioning; two per door.
  - 2. Nylon bearings.
  - 3. Door Latch: Slide type with exterior emergency access feature. ADA/TAS acceptable at HC doors.
  - 4. Door strike and keeper with rubber bumper; mounted on pilaster in alignment with door latch.
  - 5. Coat hook with rubber bumper; one per compartment, mounted on door.
  - 6. Provide door pull for outswinging doors.

## PART 3 – EXECUTION

### 3.1 EXAMINATION

- A. Verify that field measurements are as indicated.
- B. Verify correct spacing of and between plumbing fixtures.
- C. Verify correct location of built-in framing, anchorage, and bracing.

### 3.2 INSTALLATION

- A. Install partitions secure, rigid, plumb, and level in accordance with manufacturer's instructions.
- B. Maintain 3/8 to 1/2 inch space between wall and panels and between wall and end pilasters.
- C. Attach panel brackets securely to walls using anchor devices.
- D. Attach panels and pilasters to brackets. Locate head rail joints at pilaster center lines.

### 3.3 TOLERANCES

- A. Maximum Variation From Required Height: 1/4 inch.
- B. Maximum Variation From Plumb: 1/8 inch.

### 3.4 ADJUSTING

- A. Adjust and align hardware to uniform clearance at vertical edge of doors, not exceeding 3/16 inch.
- B. Adjust hinges to position doors in partial opening position when unlatched. Return out-swinging doors to closed position.
- C. Adjust adjacent components for consistency of line or plane.

## PART 4 – APPENDIX

GUIDE SPECIFICATIONS FOR DESIGN AND CONSTRUCTION DOCUMENTS

- 4.1 PRODUCT DATA / CUT SHEETS
- A. Scranton, Hiny Hiders
  - B. ASI, Accurate Partitions

END OF SECTION



# the CLASSIC CONSTRUCTION

Hiny Hiders Partitions – Color: Black, Texture: Grip EX, Hardware: 8" Wrap Around Hinge  
Configuration: Floor Mounted Overhead Braced, Height: 55" Standard Panels & Doors



### FLOOR MOUNTED OVERHEAD BRACED

This classic style provides the most economical solution for high traffic areas, where durability is a top priority. Easy installation in new construction or existing buildings makes this a versatile style option.

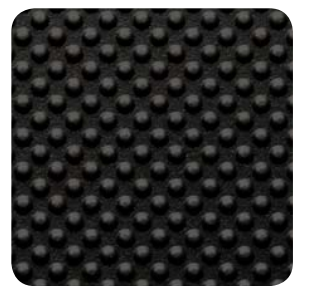
### 8" WRAP AROUND HINGE

This hinge provides the most durable and economical solution for any application.



### GRIP EX TEXTURE

This texture provides additional protection in high traffic areas where graffiti is a concern.



# COLOR, TEXTURE & DESIGN OPTIONS



## CLASSIC COLOR COLLECTION

Swatches shown in Orange Peel.



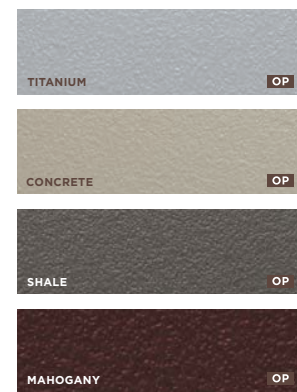
## MOSAIC COLOR COLLECTION

Swatches shown in Orange Peel.



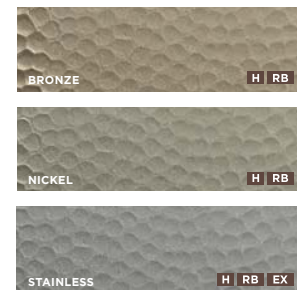
## DESIGNER COLOR COLLECTION

Swatches shown in Orange Peel.



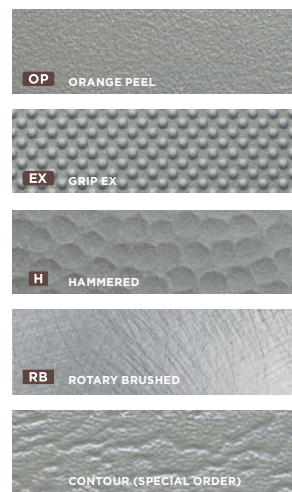
## METALLIC COLOR COLLECTION

Swatches shown in Hammered.

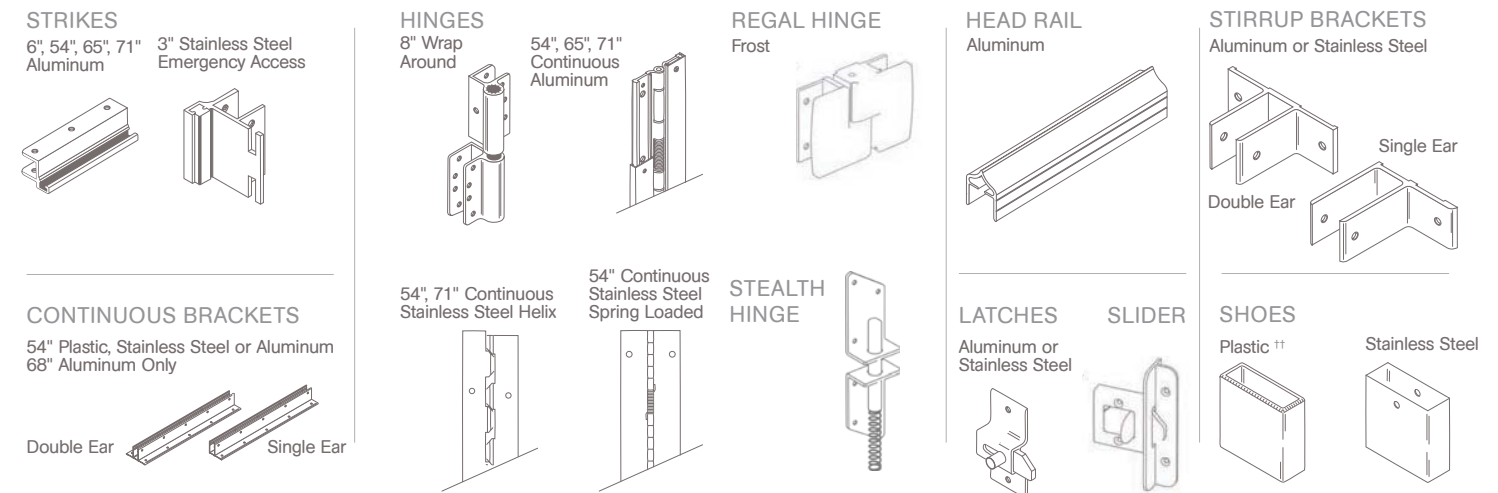


## TEXTURE

Swatches shown in Grey.



## DESIGN OPTIONS



## HEIGHT OPTIONS



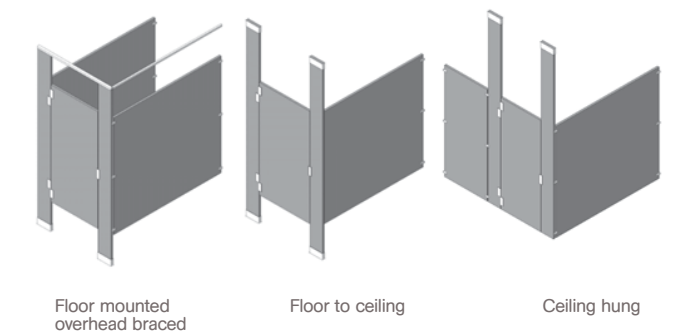
55" Standard

66" High

72" Extra High

†† Limited colors available.

## CONFIGURATION OPTIONS



Floor mounted overhead braced

Floor to ceiling

Ceiling hung

### FIRE RATING

Whether your fire-rating needs are NFPA 286, Class A, or Class B, we have the material to match.

### CUSTOM COLORS AVAILABLE UPON REQUEST.

Color matching is limited by printing process. Actual samples are available and recommended prior to color selections.

\*Special orders require extended lead times. Minimum order requirements may apply.

## ASI ACCURATE SOLID PLASTIC (HDPE)

# Solid Plastic (HDPE) partitions are environmentally safe, mildew, rust, graffiti and impact resistant.

Solid Plastic partitions are water resistant and unaffected by steam or high humidity. Our most popular colors are also available in 100% post-consumer recycled material and have passed the NFPA 286 fire test criteria. For standard features see pages 18-19. **Options:** Stainless Steel Stirrup Brackets, Stainless Steel Door Hardware, Continuous Piano Hinges, Continuous Anodized Aluminum and Stainless Steel Brackets, Continuous Plastic Brackets, Plastic Trim Shoes and No-Sight Privacy Strips.

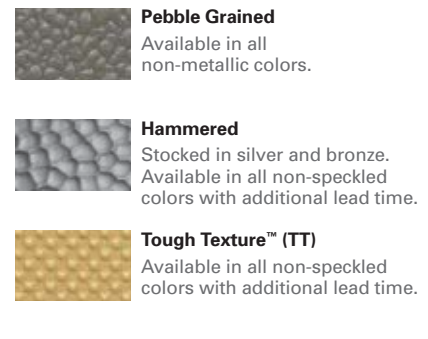


**Shipped In  
48  
HOURS**

### SOLID PLASTIC (HDPE) COLOR SELECTION:



### AVAILABLE FINISHES:



Consult color card for more definitive color matching.

## ASI ACCURATE STYLES



### Floor Anchored/Overhead Braced

This economical and sturdy mounting style installs just about anywhere. An anodized aluminum anti-grip head rail secures partitions firmly to the walls.



### Floor Anchored

Simplified construction permits ease of installation anywhere. For concrete floors only: 2" minimum penetration into floor required.



### Ceiling Hung

When used together with wall-hung fixtures, the entire floor is accessible for efficient cleaning. Structural steel ceiling supports are necessary to assure proper installation.

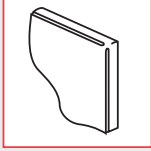


### Floor to Ceiling Anchored

This mounting style is extremely stable and durable as pilasters are anchored into both the concrete floor and the structural ceiling support.

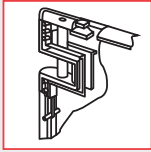
# ASI ACCURATE CONSTRUCTION FEATURES

## Stainless Steel & Powder Coated Steel



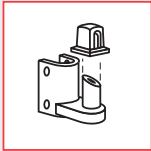
### WELDED CORNER

Corners of panels, pilasters and doors are welded to each other and to the adjacent face sheets.



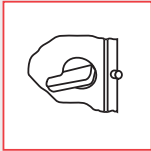
### UPPER DOOR BRACKET

Internal part of the door. A pin goes through door and bracket for three-point bearing and operates in a nylon bushing in upper hinge bracket.



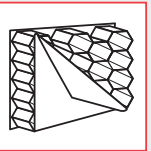
### BOTTOM DOOR HINGE

Gravity-positioning hinge provides safe, durable and maintenance free support.



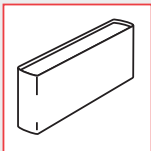
### CONCEALED LATCH

With emergency access and ADA lever handle.



### HONEYCOMB CORE

Made of cellular honeycomb. This type of core provides strong construction and sound attenuation.



### SHOE CONSTRUCTION

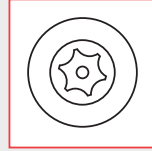
One-piece stainless steel, type 304, with #4 satin finish trim shoes are hemmed top and bottom for rigidity and sleek appearance.



### VANDAL-RESISTANT FASTENERS

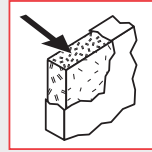
Special driver installs fasteners which virtually eliminates unauthorized removal and ensures easy installation.

## Plastic Laminate



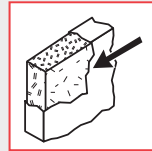
### VANDAL-RESISTANT FASTENERS

Special driver installs fasteners which virtually eliminates unauthorized removal and ensures easy installation.



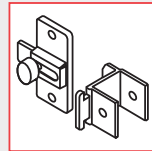
### CORE

Particle board core is 45# density to resist warping and ensure a smooth surface.



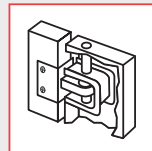
### VERTICAL-GRADE LAMINATE

The 0.050" thickness meets the most demanding partition specification.



### EMERGENCY ACCESS

Meets ADA requirements. Slotted keeper coupled with gravity hinges allows access in an emergency.



### DOOR HINGES

Wrap-around mounting and through bolting for vandal resistance.

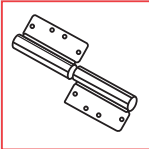


## Solid Plastic (HDPE)



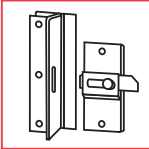
### VANDAL-RESISTANT FASTENERS

Special driver installs fasteners which virtually eliminates unauthorized removal and ensures easy installation.



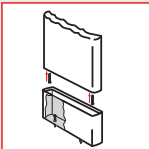
### 8" ALUMINUM WRAP-AROUND HINGE

Mainstream choice.  
Heavy-duty.



### 6" ALUMINUM STRIKE

Industry-standard wrap-around strike/keeper.



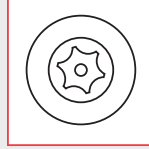
### EASY-STALL SHOE

For floor anchored overhead braced.  
Easily adjusted leveling bolt.  
True concrete anchor screws designed for lasting holding power.

Anchor rated at 2770 lbs. pullout strength.

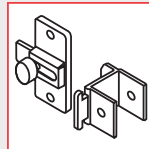
For use with Type 304 stainless steel or plastic mounting shoe.

## Phenolic



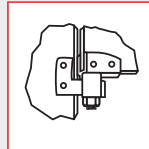
### VANDAL-RESISTANT FASTENERS

Special driver installs fasteners which virtually eliminates unauthorized removal and ensures easy installation.



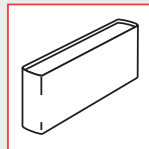
### EMERGENCY ACCESS

Meets ADA requirements. Slotted keeper coupled with gravity hinges allows access in an emergency.



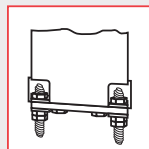
### VAULT HINGE

Rugged, attractive wrap-around hinge. Extra strong for heavy-duty installations.



### SHOE CONSTRUCTION

One-piece stainless steel, type 304, with #4 satin finish trim shoes are hemmed top and bottom for rigidity and sleek appearance.



### FLOOR STUD MOUNTING SYSTEM

Heavy-duty  $\frac{5}{16}$ " diameter mounting studs adjust height and level pilasters by turning the locknut adjusters.

For use with stainless steel shoe.