

SECTION 10 2114

STAINLESS STEEL TOILET COMPARTMENTS

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by one of the following methods:

Microsoft Word 2010: Display the FILE tab on the ribbon, click OPTIONS, then on left menu click on DISPLAY. Under ALWAYS SHOW THESE select or deselect HIDDEN TEXT.

Microsoft Word 2007: Click the OFFICE button, select WORD OPTIONS, select DISPLAY, then select or deselect the HIDDEN TEXT option.

Corel WordPerfect: From the pull-down menus select VIEW, then select or deselect the HIDDEN TEXT option.

This master specification section has been prepared by AJW Architectural Products for use in the preparation of a project specification section covering floor mounted, overhead braced, floor to ceiling, or ceiling hung stainless steel toilet compartments and wall or floor mounted urinal screens.

This specification is a part of the SpexPlus™ system, which comprises a full architectural master specification that can be used to specify all project requirements.

Other guide specifications are available from AJW covering the following products:

Section 10 1100 - Visual Display Units
Section 10 2116 - Solid Plastic Toilet Compartments
Section 10 2813 - Toilet Accessories
Section 10 5113 - Metal Lockers

The following should be noted in using this specification:

Hypertext links to specific websites are included after manufacturer names and names of organizations whose standards are referenced within the text, to assist in product selection and further research. Hypertext links are contained in parenthesis and shown in blue, e.g.:

(www.spexplus.net)

Optional text requiring a selection by the user is enclosed within brackets, e.g.: "Section [09 0000.] [____.]"

Items requiring user input are enclosed within brackets, e.g.: "Section [____ - ____]."

Optional paragraphs are separated by an "OR" statement, e.g.:

*** OR ***

Sustainable requirements are included for projects requiring LEED certification, and are included as green text. For additional information on LEED, visit the U.S. Green Building Council website at www.usgbc.org

For assistance on the use of the products in this section, contact AJW Architectural Products by calling 845-562-3332, email at specs@ajw.com, or visit their website at www.ajw.com.

For assistance with obtaining or using the SpexPlus™ Master Specification System contact SpexPlus by calling 1-888-877-SPEX (1-888-877-7739), by email at chaney@spexplus.net, or visit our website at www.spexplus.net.

PART 1 GENERAL

1.1 SUMMARY

Edit the following paragraphs to include only those items specified in this section.

- A. Section Includes:
 - 1. Stainless steel toilet partitions.
 - 2. Stainless steel urinal screens.
 - 3. Stainless steel privacy/entry screens.
 - 4. Stainless steel compartment [fronts.] [enclosures.]

Coordinate the following paragraphs with other sections in the project manual.

- B. Related Sections:
 - 1. Division 01: Administrative, procedural, and temporary work requirements.
 - 2. Section 10 2813 - Toilet Accessories.

1.2 REFERENCES

In the following paragraphs, retain only those reference standards that are used elsewhere in this section.

- A. ASTM International (ASTM) (www.astm.org):
 - 1. A167 - Standard Specification for Stainless and Heat Resisting Chromium Nickel Steel Plate, Sheet, and Strip.
 - 2. B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
- B. South Coast Air Quality Management District (SCAQMD) (www.aqmd.gov) Rule 1168 - Adhesive and Sealant Applications.

1.3 SYSTEM DESCRIPTION

- A. Compartment Mounting Styles:
 - 1. Toilet partitions: [Floor mounted, overhead braced.] [Floor to ceiling.] [Floor mounted.] [Ceiling hung.]
 - 2. Urinal screens: [Wall mounted.] [Wall mounted, floor supported.]
- B. Doors and Panels: 58 inches high, mounted 12 inches above finished floor.

1.4 SUBMITTALS

Limiting submittals to only those actually required helps to minimize liability arising from the review of submittals. Minimize submittals on smaller, less complex projects.

Include the following for submission of shop drawings, product data, and samples for the Architect's review.

- A. Submittals for Review:
 - 1. Shop Drawings: Include layout, dimensions, materials, panel construction, finishes, hardware, and accessories.
 - 2. Samples: [3 x 3] [__ x __] inch panel samples showing proposed panel finish.

Include the following for submission of sustainable design submittals.

- B. Sustainable Design Submittals:
 - 1. Recycled Content: Certify percentages of post-consumer and pre-consumer recycled content.
 - 2. Regional Materials: Certify distance between manufacturer and project and between manufacturer and extraction or harvest point in miles.

1.5 QUALITY ASSURANCE

The following paragraph specifies a minimum level of experience required of the parties performing the work of this section. Retain if required, and edit to suit project requirements.

- A. Installer Qualifications: Minimum [2] [] years [documented] experience in work of this Section.

1.6 DELIVERY, STORAGE AND HANDLING

- A. Deliver panels with temporary removable plastic protective coverings; do not remove until ready for final cleaning.

1.7 WARRANTIES

- A. Provide manufacturer's 5 year warranty providing coverage against corrosion and discoloration of panels.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract Documents are based on products by AJW Architectural Products, 509 Temple Hill Road, New Windsor, NY 12553, 845-562-3332, www.ajw.com, specs@ajw.com.

Edit the following to indicate whether or not substitutions will be permitted for the products in this section.

- B. Substitutions: [Under provisions of Division 01.] [Not permitted.]

2.2 MATERIALS

- A. Stainless Steel:
 1. ASTM A167, Type 304.
 2. Recycled content: Minimum 25 percent, classified as pre-consumer.
- B. Aluminum Extrusions: ASTM B221, 6463-T5 alloy and temper.

2.3 COMPONENTS

- A. Stainless Steel Doors, Panels, and Pilasters:
 1. Constructed of two sheets of 20 gauge stainless steel.
 2. Doors and panels: 1 inch thick.
 3. Pilasters: 1-1/4 inches thick.
 4. Face sheets bonded under pressure to honeycomb core.
 5. Formed sheets welded together at intervals around perimeter.
 6. Perimeter edges sealed with continuous 20 gauge interlocking stainless steel molding.
 7. Free from urea-formaldehyde resins.
 8. Volatile organic compound (VOC) content of adhesives: Within limits set by SCAQMD 1168.

2.4 HARDWARE

Include the following for standard door hardware.

- A. Door Hardware:
 1. Hinges: Cut-out, recessed, gravity acting cam hinge, chrome plated die cast Zamac.
 2. Door hardware kit:
 - a. [Chrome plated,] [Stainless steel,] including strike/keeper and surface mounted slide latch with emergency access.
 - b. Door pull, coat hook with bumper, door stop, of chrome plated Zamac.

**** OR ****

Include the following for optional door hardware.

- B. Door Hardware:
 - 1. Hinges: Continuous stainless steel, 57.5 inches long, secured full length of door at pilaster connection.
 - 2. Door hardware kit:
 - a. [Chrome plated,] [Stainless steel,] including strike/keeper and surface mounted slide latch with emergency access.
 - b. Door pull, coat hook with bumper, door stop, of chrome plated Zamac.
- C. Fasteners: Stainless steel, tamper resistant.
- D. Panel and Pilaster Brackets: Stirrup type, [chrome plated die cast Zamac,] [stainless steel,] three per connection, fastened with stainless steel tamper resistant Torx head fasteners.

**** OR ****

Include the following for optional panel and pilaster brackets.

- E. Panel and Pilaster Brackets: Continuous 14 gauge stamped stainless steel, 57.5 inches long, secured full length of component, fastened with stainless steel tamper resistant Torx head fasteners.

In the following paragraph select shoes for floor mounted partitions and sleeves for ceiling hung partitions.

- F. Pilaster [Shoes:] [Sleeves:] Stainless steel, 3 inches high.
- G. Headrail: Fabricated from heavy duty extruded aluminum with anti grip design, fastened to pilaster and secured to wall with stainless steel brackets.
- H. Headrail Brackets: 20 gauge stainless steel, secured to adjacent construction and pilasters with stainless steel tamper resistant Torx head fasteners.

2.5 FINISHES

- A. Aluminum: Clear anodized.
- B. Stainless Steel: No. 4 satin.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install in accordance with manufacturer's instructions and approved Shop Drawings.
- B. Set compartments straight, plumb, level, and aligned.
- C. Provide uniform clearances at vertical edges of doors from top to bottom
- D. Attach brackets to walls using appropriate anchor devices.

Include the following for floor mounted, overhead braced partitions.

- E. Adjust for floor variations with screw jack integral in pilasters. Conceal floor fastenings with pilaster shoes.

Include the following for ceiling hung partitions.

- F. Support pilasters from built-in framing using adjustable hanging studs providing vertical leveling. Conceal ceiling fastenings with pilaster sleeves.

Edit the following to suit project requirements.

- G. Equip doors with two hinges, door strike/keeper, slide latch, door pull, and coat hook/bumper. [Provide one additional bumper/hook on inside of outswinging doors.]
- H. Not Acceptable: Evidence of cutting, drilling, or patching on exposed surfaces.

3.2 ADJUSTING

- A. Adjust hardware for proper operation.

Edit the following to suit project requirements.

- B. Adjust door hinges to hold door [closed] [open [30] [] degrees] when not latched.

END OF SECTION