**SECTION 10 2116**

**SOLID PLASTIC 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.

Microsoft Word (earlier versions): From the pull-down menus select TOOLS, then OPTIONS. Under the tab labeled VIEW, 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 Scranton Products for use in the preparation of a project specification section covering floor mounted, overhead braced solid plastic toilet compartments, urinal screens, privacy screens, and entry partitions.

The following additional sections are available from Scranton Products covering their other products:

06 6121 Solid Plastic Vanities

10 2116-02 Solid Plastic Toilet Compartments (Floor-to-ceiling)

10 2116-03 Solid Plastic Toilet Compartments (Ceiling hung)

10 2116-04 Solid Plastic Toilet Compartments (Resistol)

10 2119 Solid Plastic Shower and Dressing Compartments

10 5126-01 Solid Plastic Lockers (Tufftec)

10 5126-02 Solid Plastic Lockers (Duralife)

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.

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](http://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](http://www.usgbc.org).

For assistance on the use of the products in this section, contact Scranton Products by calling 800-445-5148, by email at [info@scrantonproducts.com](mailto:info@scrantonproducts.com), or visit their website at [www.scrantonproducts.com.](http://www.scrantonproducts.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,](mailto:chaney@spexplus.net,) or visit our website at [www.spexplus.net](http://www.spexplus.net).

1. **GENERAL**
   1. SUMMARY

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

* + 1. Section Includes:
       1. Solid plastic [toilet compartments] [urinal screens] [privacy screens] [and] [entry partitions].
    2. Related Sections:
       1. Division 01: Administrative, procedural, and temporary work requirements.
  1. REFERENCES
     1. ASTM International (ASTM) ([www.astm.org](http://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.
        3. E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
     2. National Fire Protection Association (NFPA) [(www.nfpa.org](http://www.nfpa.org)) 286 - Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth.
  2. SYSTEM DESCRIPTION

Edit the following to indicate desired compartment types.

* + 1. Compartment Configurations:
       1. [Toilet partitions] [privacy screens] and [entry partitions]: Floor mounted, overhead braced.
       2. Urinal screens: [Wall] [Floor] mounted.
  1. 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.

* + 1. Submittals for Review:
       1. Shop Drawings: Include dimensioned layout, elevations, trim, closures, and accessories.
       2. Product Data: Manufacturer's descriptive data for panels, hardware, and accessories.
       3. Samples: [2 x 3] [\_\_ x \_\_] inch samples [showing available colors.] [in each color.]

Include the following for submission of sustainable design submittals.

* + 1. 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. QUALITY ASSURANCE

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

* + 1. Manufacturer Qualifications: Minimum [5] [\_\_] years experience in manufacture of solid plastic toilet compartments with products in satisfactory use under similar service conditions.
    2. Installer Qualifications: Minimum [5] [\_\_] years experience in work of this Section.

* 1. WARRANTIES
     1. Provide manufacturer’s 25 year warranty against breakage, corrosion, and delamination under normal conditions.

1. **PRODUCTS**
   1. MANUFACTURERS
      1. Contract Documents are based on products by Scranton Products. [(www.scrantonproducts.com](http://www.scrantonproducts.com))

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

* + 1. Substitutions: [Under provisions of Division 01.] [Not permitted.]
  1. MATERIALS
     1. Doors, Panels and Pilasters:
        1. High density polyethylene (HDPE), fabricated from polymer resins compounded under high pressure, forming single thickness panel.
        2. Waterproof and nonabsorbent, with self-lubricating surface, resistant to marks by pens, pencils, markers, and other writing instruments.
        3. 1 inch thick with edges rounded to 1/4 inch radius.

Verify current recycled content with Scranton Products.

* + - 1. Recycled content: Minimum [25] [\_\_] percent.

Include one of the following three paragraphs to indicate required fire hazard classification.

∙ The first option is for non-rated compartments.

∙ The second option is the test for surface burning characteristics of the panels only, not the compartment assembly. Options include either Class A (0 to 25) or Class B (26 to 75); edit paragraph accordingly.

∙ The third option is for the “corner” test of a compartment assembly.

* + - 1. Fire hazard classification: Not required.

\*\*\*\* OR \*\*\*\*

* + - 1. Fire hazard classification: Class [A] [B] flame spread/smoke developed rating, tested to ASTM E84.

\*\*\*\* OR \*\*\*\*

* + - 1. Fire hazard classification: Pass NFPA 286.

Edit the following to suit project requirements.

* + - 1. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]
    1. Aluminum Extrusions: ASTM B221, 6463-T5 alloy and temper.
    2. Stainless Steel: ASTM A167, Type 304.
  1. HARDWARE

Include one of the following three paragraphs depending on desired type of hinge.

* + 1. Hinges:
       1. 8 inches long, fabricated from heavy-duty extruded aluminum with bright dip anodized finish, wrap-around flanges, adjustable on 30-degree increments, through bolted to doors and pilasters with stainless steel, Torx head sex bolts.
       2. Hinges operate on field-adjustable nylon cams, field adjustable in 30 degree increments.

\*\*\*\* OR \*\*\*\*

* + 1. Hinges: Stealth integral hinge from door and pilaster material with exposed metal parts on interior of stall.

\*\*\*\* OR \*\*\*\*

* + 1. Hinges: Regal hinge fabricated from heavy-duty cast aluminum, wrap around flanges, adjustable on 30-degree increments, through bolted to doors and pilasters.
    2. Door Strike and Keeper:
       1. 6 inches long, fabricate from heavy-duty extruded aluminum with bright dip anodized finish, with wrap-around flanges secured to pilasters with stainless steel tamper resistant Torx head sex bolts.
       2. Bumper: Extruded black vinyl.
    3. Latch and Housing:
       1. Heavy-duty extruded aluminum.
       2. Latch housing: Bright dip anodized finish.

Include one of the following two paragraphs depending on desired type of latch.

* + - 1. Slide bolt and button: Black anodized finish.

\*\*\*\* OR \*\*\*\*

* + - 1. Slide latch and paddle.
    1. Coat Hook/Bumper:
       1. Combination type, chrome plated Zamak.
       2. Equip outswing handicapped doors with second door pull and door stop.
    2. Door Pulls: Chrome plated Zamak.
  1. COMPONENTS

In the following paragraph an aluminum bottom edge is optional.

* + 1. Doors and Dividing Panels: 55 inches high, mounted 14 inches above finished floor, [with aluminum heat-sinc fastened to bottom edges.]
    2. Pilasters: 82 inches high, fastened to pilaster sleeves with stainless steel tamper resistant Torx head sex bolt.

In the following paragraph, select desired pilaster shoe type.

* + 1. Pilaster Sleeves: 3 inches high, [one-piece molded HDPE,] [20 gage stainless steel,] secured to pilaster with stainless steel tamper resistant Torx head sex bolt.

In the following paragraph, select desired wall bracket type.

* + 1. Wall Brackets: 54 inches long, [Extruded PVC,] [heavy-duty aluminum, bright dip anodized finish,] fastened to pilasters and panels with stainless steel tamper resistant Torx head sex bolts.
    2. Headrail: Heavy-duty extruded aluminum, anti-grip design, clear anodized finish, fastened to headrail bracket with stainless steel tamper resistant Torx head sex bolt and at top of pilaster with stainless steel tamper resistant Torx head screws.
    3. Headrail Brackets: 20 gage stainless steel, satin finish, secured to wall with stainless steel tamper resistant Torx head screws.

1. **EXECUTION**
   1. INSTALLATION
      1. Install compartments in accordance with manufacturer’s instructions and approved Shop Drawings.
      2. Install rigid, straight, plumb, and level.
      3. Locate bottom edge of doors and panels 14 inches above finished floor.
      4. Provide uniform, maximum 3/8 inch vertical clearance at doors.
      5. Not Acceptable: Evidence of cutting, drilling, or patching.
   2. ADJUSTING
      1. Adjust doors and latches to operate correctly.

END OF SECTION