**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.

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 Eclipse 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 2116-01 Solid Plastic Toilet Compartments (Hiny Hiders - floor mounted, overhead braced)

 10 2116-02 Solid Plastic Toilet Compartments (Hiny Hiders - floor-to-ceiling)

 10 2116-03 Solid Plastic Toilet Compartments (Hiny Hiders - 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, 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, 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. B85 - Standard Specification for Aluminum-Alloy Die Castings.
			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 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 Eclipse 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 extruded polymer resins, 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. Aluminum Die Castings: ASTM B85, A380 alloy.
		3. Injection Molded Plastic: High density polyethylene.
		4. Rubber: Abrasion resistant Styrene Butadiene Rubber, 65 to 80 Shore A durometer, black.
	1. HARDWARE
		1. Hinges:
			1. Inswing hinges:
				1. Hidden pivot type fabricated from heavy-duty cast aluminum.
				2. Auto-close feature, adjustable to 15 degree open position.
				3. Mounted to doors with stainless steel Torx head screws and through bolted to metal post with tamper proof Torx head sex bolts.
				4. Hinge pivot point: 6 to 8 inches from edge of door; maintain sufficient clearance to water closet.
			2. Outswing hinges:
				1. Fabricated from extruded aluminum.
				2. Auto-close feature, adjustable to 15 degree open position.
				3. Surface mounted to doors with stainless steel Torx head screws and fastened to metal posts with countersunk tamper proof screws.
			3. Provide for field adjustment of plus or minus 0.125 inch laterally and plus or minus 0.125 inch vertically.
		2. Door Keeper:
			1. 3.5 inches long, fabricated from heavy duty extruded aluminum, clear anodized finish.
			2. Mount in gap between dividing panel and door.
		3. Latch and Housing:
			1. Heavy duty extruded aluminum.
			2. Latch housing: Clear anodized finish.
			3. Slide bolt and button: Black anodized finish.
		4. Coat Hook/Bumper: Combination type, chrome plated Zamak.
		5. Door Pulls [and Push Plates]:
			1. Heavy duty extruded aluminum, clear anodized finish.
			2. Single component providing door pull capability on outswing doors.
	2. COMPONENTS

Include one of the following three paragraphs to indicate required level of privacy.

* The first option is for standard privacy with standard height panels and doors.
* The second option is for high privacy panels and doors. Dividing panel consists of two modular pieces.
* The third option is for extra high privacy panels and doors. Dividing panel consists of two modular pieces.
	+ 1. Doors and Dividing Panels:
			1. 55 inches high, mounted 14 inches above finished floor.
			2. Doors: 60 degree angle on two opposite edges for enhanced privacy.
			3. Dividing panels: Slotted on one edge to accept wall bracket.

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

* + 1. Doors and Dividing Panels:
			1. 62 inches high, mounted 8 to 14 inches above finished floor.
			2. Doors: 60 degree angle on two opposite edges for enhanced privacy.
			3. Dividing panels: Two modular pieces, both slotted on one edge to accept wall bracket.

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

* + 1. Doors and Dividing Panels:
			1. 72 inches high, mounted 4 to 10 inches above finished floor.
			2. Doors: 60 degree angle on two opposite edges for enhanced privacy.
			3. Dividing panels: Two modular pieces, both slotted on one edge to accept wall bracket.
		2. Metal Posts: 82.75 inches high, heavy duty extruded aluminum, clear anodized finish, fastened to foot with stainless steel tamper resistant screw.
		3. Hidden Shoe (Foot): One-piece molded polyethylene invisible shoe inserted into metal post and secured to metal post with stainless steel tamper resistant screw.
		4. Headrail Cap and Corner Cap: One-piece molded polyethylene secured to metal post with stainless steel tamper resistant screw; adjustable to level headrail to finished floor.

Include one of the following three paragraphs to indicate wall bracket height.

* The first option is for standard 55 inch high panels and doors.
* The second option is for high privacy 62 inch panels and doors.
* The third option is for extra high 72 inch privacy panels and doors.
	+ 1. Hidden Wall Brackets: 54 inches long, heavy duty extruded aluminum, clear anodized finish, inserted into slotted panel and fastened to panels with stainless steel tamper resistant screws.

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

* + 1. Hidden Wall Brackets: 61 inches long, heavy-duty extruded aluminum, clear anodized finish, inserted into slotted panel and fastened to panels with stainless steel tamper resistant screws.

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

* + 1. Hidden Wall Brackets: 71 inches long, heavy duty extruded aluminum, clear anodized finish, inserted into slotted panel and fastened to panels with stainless steel tamper resistant screws.
		2. Headrail: Heavy duty extruded aluminum, designer anti-grip design, clear anodized finish, fastened to headrail bracket with stainless steel tamper resistant screw and to headrail cap or corner cap with stainless steel tamper resistant screw.
		3. Headrail Brackets: Heavy duty extruded aluminum, clear anodized finish, secured to wall with stainless steel tamper 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.

Edit the following to indicate location of bottom edge above finished floor.

* Insert 14 inches for standard 55 inch high panels and doors.
* Insert number from 8 to 14 inches for high privacy 62 inch panels and doors.
* Insert number between 4 and 10 inches for extra high 72 inch privacy panels and doors.
	+ 1. Locate bottom edge of doors and panels [\_\_] inches above finished floor.
		2. Provide uniform, maximum 3/8 inch vertical clearance at doors.
		3. Not Acceptable: Evidence of cutting, drilling, or patching.
	1. ADJUSTING
		1. Adjust doors and latches to operate correctly.

END OF SECTION