SECTION 10156

SOLID PLASTIC TOILET COMPARTMENTS

ECLIPSE PARTITIONS

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| \*\* NOTE TO SPECIFIER \*\* Scranton Products; toilet compartments, vanities, privacy screens, shower cubicles, dressing compartments, lockers and locker benches. . This section is based on the products of Scranton Products, which is located at: 801 E. Corey St. Scranton, PA 18505 Toll Free Tel: (800) 445-5148 Fax: (800) 551-6993 Email: info@scrantonproducts.com Web: <http://www.scrantonproducts.com> With over 30 years of experience, Scranton Products is the industry leader in plastic bathroom partitions and lockers. Constructed from premium, American-made solid plastic, our products resist dents, scratches, corrosion and graffiti and mildew. When you purchase Scranton Products, you are investing in peace of mind. With unmatched durability and array of designer colors and textures, Scranton Products installs confidence in every project. Why Performance Plastics? Bathroom partitions and lockers are placed in harsh, high traffic environments that tend to be damp, making the materials susceptible to mold, mildew and rust. It is also common to encounter graffiti and vandalism in these public spaces. It is important to invest in a worry-free product that will save you time and money. Solid plastic partitions and lockers are built to last, down to every detail. Graffiti can be easily wiped clean with a common non-abrasive cleaner, and since Scranton Products performance plastic is formulated with a solid color throughout, scratches are difficult to see. Compared to other traditional material types, performance plastic has a greater resistance to impacts and dents providing you with a low maintenance product that will look great for years |

1. GENERAL
	1. SECTION INCLUDES

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| \*\* NOTE TO SPECIFIER \*\* Delete items below not required for project. |

* + 1. Solid plastic toilet compartments including the following: (Eclipse)
			1. Floor mounted overhead-braced toilet compartments.
			2. Floor mounted overhead-braced privacy screens.
			3. Floor mounted overhead-braced entry partitions.
			4. Floor mounted urinal screens.
			5. Wall mounted urinal screens.
	1. RELATED SECTIONS

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| \*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required. |

* + 1. Section 06100 - Rough Carpentry: Anchorage/blocking for attachment of partitions.
	1. REFERENCES

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| \*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section. |

* + 1. ASTM B 85 - Standard Specification for Aluminum-Alloy Die Castings.
		2. ASTM B 221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
		3. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
		4. National Fire Protection Association (NFPA) 286 - Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth.
	1. SUBMITTALS
		1. Submit under provisions of Section 01300.
		2. Product Data: Manufacturer's data sheets on each product to be used, including:
			1. Preparation instructions and recommendations.
			2. Storage and handling requirements and recommendations.
			3. Installation methods.
		3. Shop Drawings: Provide layout drawings and installation details with location and type of hardware required.

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| \*\* NOTE TO SPECIFIER \*\* Delete selection samples if colors have already been selected. |

* + 1. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
		2. Verification Samples: For each finish product specified, two samples representing actual product, color, and patterns.

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| \*\* NOTE TO SPECIFIER \*\* Delete sustainable design submittals if not required. |

* + 1. Sustainable Design Submittals:
			1. Recycled Content: Certify percentages of post-consumer and pre-consumer recycled content.
			2. Regional Materials: Certify distance in miles between manufacturer and Project and between manufacturer and extraction or harvest point.
	1. QUALITY ASSURANCE
		1. Manufacturer Qualifications: A company regularly engaged in manufacture of products specified in this section, and whose products have been in satisfactory use under similar service conditions for not less than 5 years.
		2. Installer Qualifications: A company regularly engaged in installation of products specified in this Section, with a minimum of 5 years experience.

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| \*\*\*NOTE TO SPECIFIER\*\* Delete if not required. |

* + 1. Performance Requirements:

 Fire Resistance: Partition materials shall comply with the following requirements, when tested in accordance with the ASTM E 84: Standard Test Method for Surface Burning Characteristics of Building Materials

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| \*\*NOTE TO SPECIFER\*\* Delete class not required. |

* + - * 1. Class A flame spread/smoke developed rating, tested to ASTM E84.
				2. Class B flame spread/smoke developed rating, tested to ASTM E84.
			1. Material Fire Ratings:
				1. National Fire Protection Association (NFPA) 286: Pass.
	1. DELIVERY, STORAGE, AND HANDLING
		1. Store products in manufacturer's unopened packaging until ready for installation.
	2. PROJECT CONDITIONS
		1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
	3. WARRANTY
		1. Manufacturer guarantees its plastic against breakage, corrosion, and delamination under normal conditions for 25 years from the date of receipt by the customer. If materials are found to be defective during that period for reasons listed above, the materials will be replaced free of charge. (Labor not included in warranty.)
1. PRODUCTS
	1. MANUFACTURERS
		1. Acceptable Manufacturer: Scranton Products, which is located at: 801 E. Corey St. ; Scranton, PA 18507; Toll Free Tel: 800-445-5148; Email: info@scrantonproducts.com ; Web: [www.scrantonproducts.com](http://www.scrantonproducts.com)

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| \*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions. |

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01600.
	1. MATERIAL
		1. Plastic Panels: High density polyethylene (HDPE) suitable for exposed applications, waterproof, non-absorbent, and graffiti-resistant textured surface;

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| \*\* NOTE TO SPECIFIER \*\* Delete fire-resistance rating not required. Verify rating of recycled content panels selected. |

* + - 1. Fire Rating: Not required.
			2. Fire-resistance Rating: Class A.
			3. Fire-resistance Rating: Class B.
			4. Fire-resistance Rating: NFPA 266.

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| \*\* NOTE TO SPECIFIER \*\* Delete recycled content not required. Verify amount of recycled content available for panels selected. |

* + - 1. Recycled Content (Post Industrial): 25 %.
			2. Recycled Content (Post Industrial): 100 %.
			3. Recycled Content (Post Consumer): 100 %.
		1. Aluminum Extrusions: ASTM B221, 6463-T5 alloy and temper.
		2. Stainless Steel Castings: ASTM A167, Type 304.

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| \*\* NOTE TO SPECIFIER \*\* Eclipse Partitions are the future of restroom partitions that offer both innovative design aesthetics and durable performance. The clean lines of this system provide a contemporary look to any bathroom décor. The high privacy design delivers enhanced privacy above traditional partitions. Delete if not required. |

* 1. SOLID PLASTIC TOILET COMPARTMENTS AND SCREENS
		1. Basis of Design: Eclipse Toilet Partitions as manufactured by and supplied by Scranton Products.
			1. Style: Floor mounted overhead-braced toilet compartments.
		2. Doors and Panels: High density polyethylene (HDPE), fabricated from extruded polymer resins, forming single thickness panel.
			1. Waterproof and nonabsorbent, with self-lubricating surface, resistant to marks by pens, pencils, markers, and other writing instruments.
			2. Thickness: 1 inch (25 mm).
			3. Edges: Shiplap.

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| \*\*NOTE TO SPECIFIER\*\* Delete series and series color not required. |

* + 1. Panel Color: Traditional Series:
			1. Black - Orange Peel.
			2. Black - Grip Ex.
			3. Paisley - Orange Peel.
			4. Shale - Orange Peel.
			5. Charcoal Grey - Orange Peel.
			6. Grey - Orange Peel.
			7. Glacier Grey - Orange Peel.
			8. White - Orange Peel.
		2. Panel Color: Bold Series:
			1. Fossil - Orange Peel.
			2. Hunter Green - Orange Peel.
			3. Burgundy - Orange Peel.
			4. Blueberry - Orange Peel.
			5. French Blue - Orange Peel.
		3. Panel Color: Warm Series:
			1. Mahogany - Orange Peel.
			2. Concrete - Orange Peel.
			3. Linen - Orange Peel.
			4. Sandcastle - Orange Peel.
			5. Sandstone - Orange Peel.
			6. Desert Beige - Orange Peel.
			7. Mocha - Orange Peel.
		4. Panel Color: Metallic Series:
			1. Bronze – Hammered.
			2. Bronze - Rotary Brushed.
			3. Nickel – Hammered.
			4. Nickel - Rotary Brushed.
			5. Stainless – Hammered.
			6. Stainless - Grip Ex.
			7. Stainless - Rotary Brushed.
		5. Doors and Dividing Panels:

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| \*\* NOTE TO SPECIFIER \*\* Select required privacy option(s). Delete privacy options not required. |

* + - 1. Standard Privacy:
				1. Height: 55 inches (1397 mm) high and mounted at 14 inches (356 mm) above the finished floor.
				2. Doors: shiplap edge opposite hinge side. Straight cut edge on hinge side.
				3. Dividing Panels: Slotted on one edge to accept wall bracket.

 2,. High Privacy:

* + - * 1. Height: 66 inches (1676 mm) high and mounted at 8 to 14 inches (203 to 356 mm) above the finished floor.
				2. Doors: shiplap edge opposite hinge side. Straight cut edge on hinge side.
				3. Dividing Panels: Two panels stacked and secured with 3 dowels ensuring proper alignment totaling the system specified height

 3. Extra High Privacy:

* + - * 1. Height: 72 inches (1823 mm) high and mounted at 4 inches (102 mm) above the finished floor.
				2. Doors: shiplap edge opposite hinge side. Straight cut edge on hinge side.
				3. Dividing Panels Two panels stacked and secured with 3 dowels ensuring proper alignment totaling the system specified height
		1. Metal Posts: 82.75 inches (2102 mm) high, heavy duty extruded aluminum, clear anodized finish, fastened to foot with stainless steel tamper resistant screw.
		2. Hidden Shoe (Foot): One-piece molded polyethylene invisible shoe inserted into metal post and secured to metal post with stainless steel tamper resistant screw.
		3. 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.
		4. Wall brackets: wall brackets shall be made of heavy-duty aluminum 6463-T5 alloy.

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| \*\* NOTE TO SPECIFIER \*\* Delete bracket type not required. |

* + - 1. Type: Single Ear bracket aluminum.

 2. Type: Double ear bracket aluminum.

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| \*\* NOTE TO SPECIFIER \*\* Length to be 1 inch shorter than panel height. Delete lengths not required. |

 1.Length: 54 inches (1372 mm).

* + - 1. Length: 61 inches (1651 mm).
			2. Length: 71 inches (1803 mm).
		1. 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.
			1. Headrail Brackets: injection molded polyethylene.
		2. Door Hardware:

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| \*\* NOTE TO SPECIFIER \*\* Delete hinge type not required. |

* + - 1. Hinges:
1. Edge-mounted stainless steel continuous hinge.

 2. Occupancy Indicator Latch and Housing: Satin stainless-steel showing green and red
 occupancy indicators.

* + - * 1. Latch housing: satin stainless steel
				2. Slide bolt and button: satin stainless steel
				3. Door Pulls: satin stainless steel
			1. **\*\* NOTE TO SPECIFIER \*\* Delete if not required.**
			2. Door Stop: Coat hook bumper.

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| \*\* NOTE TO SPECIFIER \*\* Delete if not required. |

* + - 1. Door Stop: Wall stop.
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
	2. PREPARATION
		1. Clean surfaces thoroughly prior to installation.
		2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
		3. Examine areas to receive toilet partitions, screens, and shower compartments for correct height and spacing of anchorage/blocking and plumbing fixtures that affect installation of partitions. Report discrepancies to the architect.
	3. INSTALLATION
		1. Install in accordance with manufacturer's instructions and approved Shop Drawings.
		2. Install partitions rigid, straight, plumb, and level.

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| \*\* NOTE TO SPECIFIER \*\* Modify paragraph below to indicate desired mounting height. Coordinate with privacy level in Part 2. |

* + 1. Locate bottom edge of doors and panels \_\_\_ inches above finished floor.
		2. Clearance at vertical edges of doors shall be uniform top to bottom and shall not exceed 3/8 inch (9.5 mm).
		3. No evidence of cutting, drilling, and/or patching shall be visible on the finished work.
		4. Finished surfaces shall be cleaned after installation and be left free of imperfections.
	1. ADJUSTING
		1. Adjust doors and latches to operate correctly.
	2. PROTECTION
		1. Protect installed products until completion of project.
		2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION