**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all “Specifier Notes” when editing this section.

Contact the Evolve Team at Evolve@Bobrick.com with any questions.

Specifier’s Notes: Edit the section title as required.

**SECTION 102113 TOILET COMPARTMENTS**

**PART 1 GENERAL**

* 1. SECTION INCLUDES

Specifiers Notes: This sections covers Bobrick toilet compartments and urinal screens Consult your Bobrick Representative for assistance in editing this section for the specific application.

* + 1. TOILET COMPARTMENTS WITH ALUMINUM FRAME AND MOUNTING BRACKETS
			1. Toilet Compartments: Configurations: Floor-Anchored, Overhead-Braced
			2. Urinal Privacy Screens: Configurations: Floor-Anchored
	1. RELATED REQUIREMENTS

Specifiers Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section. Verify section numbers and titles.

* + 1. Section 061000 – Rough Carpentry, coordination with blocking in walls to secure panels, fascia panels
		2. Section 092000 – Plaster and Gypsum Board, coordination with blocking
		3. Section 093000 – Tiling, coordination with layout and installation
		4. Section 102800 – Washroom Accessories, for accessories
		5. Section 102814 – Baby Changing Stations, for baby changing stations
	1. SUBMITTALS
		1. Product Data: Submit manufacturer’s data sheets for each product specified
		2. Shop Drawings: Submit manufacturer’s shop drawings for each product specified, including the following:
			1. Plans, elevations, details of construction and attachment to adjacent construction
			2. Show anchorage locations and accessory items
			3. Verify dimensions with field measurements prior to final production of the toilet compartments

Specifiers Notes: Delete the following USA Certificate of Origin Section if not required on the project.

* + 1. USA Certificate of Origin: Manufacturer must supply with first submittal, an example of their Certificate of Origin declaring toilet compartments are wholly manufactured and assembled specifically in the United States, including city and state locations. A notarized Certificate of Origin must be provided with closeout documents.
	1. QUALITY ASSURANCE

Specifiers Notes: Edit the following paragraphs as required for the project. Reference applicable accessibility requirements in Section C: Accessibility Requirements.

* + 1. Manufacturer: Provide products manufactured by a company with a minimum of 10 years successful experience manufacturing similar products.
		2. Single Source Requirements: To the greatest extent possible provide products from a single manufacturer.
		3. Accessibility Requirements: Comply with requirements applicable in the jurisdiction of the project, including but not limited to ADA and ICC/ANSI A117.1 requirements as applicable.
	1. DELIVERY, STORAGE, AND HANDLING
		1. Deliver, store, and handle materials and products in strict compliance with manufacturer’s instruction and recommendations. Protect from damage.
	2. WARRANTY
		1. Manufacturer’s Warranty: Manufacturer’s standard 10 year warranty for material and workmanship. Manufacturer’s standard 10 year guarantee against defects in material and workman ship for door hardware, frame, and mounting brackets.
1. **PRODUCTS**
	1. MANUFACTURER
		1. Basis-of-Design Products: Based on the quality and performance requirements of the project, specifications are based solely on the products of Bobrick, [www.bobrick.com](http://www.bobrick.com). Location of manufacturing shall be the United States.
		2. Substitutions: The Architect will consider products of comparable manufacturers as a substitution, pending the contract’s submission of adequate documentation of the substitution in accordance with procedures in Division 01 of the Project Manual. Documentation shall include a list of five similar projects of equivalent size where products have been installed for a minimum of two years, and manufacturer’s certification that products are fabricated in the United States.
	2. TOILET COMPARTMENTS WITH ALUMINUM FRAME AND PEDESTAL SUPPORT (Evolve System)
		1. Substrate Material:
			1. Compact Grade Laminate (Phenolic Black Core)
				1. Materials: Solidly fused plastic laminate with matte-finish melamine surfaces; integrally bonded colored face sheets and black phenolic-resin core
				2. Edges: Black; brown edges not acceptable
				3. Color:

Specifiers Notes: Choose one of the color options.

As selected by Architect from manufacturer’s standard range

As indicated in the Finish Schedule

* + - * 1. Optional Dividing Panel Size: Panel up to 72-inches (1829 mm) deep to be one-piece panels [European-sourced CGL only. Please consult Bobrick or Bobrick Sales Representative on standard colors and recommended manufacturers]
			1. Toilet Compartments:
				1. Configuration: Floor-anchored, Overhead-braced toilet cubicles.
				2. Basis-of-Design: Bobrick Evolve Toilet Cubicles

Door Hardware and Pedestal: clear anodized aluminum

Standard Height: Overall height from finished floor to top of headrail is 81-inches (2083 mm) consisting of 9-inch floor clearance, 71 5/16-inch doors, and 1-inch headrail.

Maximum Height: Overall height from finished floor to top of headrail is 82 5/16-inches (2090 mm) consisting of 1-inch floor clearance, 79 5/8-inch doors, 80-inch panels, and 1 5/16-inch headrail.

* + - 1. Fire Resistance:
				1. Class A

Flame Spread Index (ASTM E 84): No more than 25 for panels, doors, and fascia panels

Smoke Developed Index (ASTM 84): No more than 450 for panels, doors, and fascia panels

National Fire Protection Association/International Building Code Interior Wall and Ceiling Finish: Class A

Uniform Building Code: Class I

* + - * 1. Class B

Flame Spread Index (ASTM E 84): Between 26 and 75 for panels, doors, and fascia panels

Smoke Developed Index (ASTM 84): No more than 450 for panels, doors, and fascia panels

National Fire Protection Association/International Building Code Interior Wall and Ceiling Finish: Class B

Uniform Building Code: Class 2

* + - 1. Urinal Privacy Screens:
				1. Basis-of-Design: Bobrick Evolve Urinal Privacy Screens
				2. Configuration: Floor-anchored
				3. Screen Size:

Max Height: 72-inch (1829 mm)

Max Width: 24-inch (610 mm)

* + - * 1. Hardware: 9-inch pedestal (229 mm), urinal screen hardware to match cubicle hardware
			1. Finished Thickness: 1/2-inch (13 mm) for fascia panels, doors, and panels
			2. Frame:
				1. Headrail: Secured to the top of the fascia for stability
				2. Mounting Brackets and Fasteners: Clear anodized aluminum U-Channel brackets.
				3. Privacy:

Full-length clear anodized aluminum frame provides built-in, no-sightline privacy on hinge and keeping-sides of the door.

Continuous clear anodized aluminum U-Channels fasten divider and fascia panels to the wall.

* + - 1. Hardware:
				1. Compliance:

Door handle is operable with one hand, without tight grasping, pinching, or twisting of the wrist, and force to operate does not exceed 5 pounds

Floor Clearance: 9-inch (229 mm) high minimum clearance maintained under fascia panel and side divider panels

Keyed Emergency Access: Latch allows door to be opened from the outside of the compartment with a 3mm Allen Wrench in emergency release slot in the indicator

Fastening: Hardware secured to door and fascia by stainless steel sheet metal screws

Door-closing:

Standard: Clear anodized aluminum pedestal secured beneath door incorporates a spring closing mechanism, creating a soft door close and includes (+/-) 1-inch (25 mm) adjustment.

Max: Door closer fixed in the headrail incorporates a spring closing mechanism with tension adjustment, creating a soft door close.

Door Hardware Type:

Locking: clear anodized aluminum door handle locates directly into the vertical keeping extrusion. Integral rubber door bumper cushions doors when closing.

Occupancy indicator: Clear anodized aluminum circular escutcheon with red and white indicator.

Standard: Cylindrical pedestal supports divider panels and maintains a 9-inch (229 mm) high floor clearance under fascia panel and side divider panels and includes (+/-) 1-inch (25 mm) adjustment.

Max: Lower door bracket attaches to extrusion for lower pivot point support.

Robe hook: Clear anodized aluminum in matte finish.

1. **EXECUTION**
	1. PREPERATION
		1. Prepare substrates including, but not limited to, blocking and supports in walls at points of attachment using methods recommended by the manufacturer for achieving the best results for the substrates under the project conditions
			1. Inspect areas scheduled to receive compartments scheduled to receive compartments for correct dimensions, plumbness of walls, and soundness of surfaces that would affect installation of mounting brackets
			2. Verify spacing of plumbing fixtures to assure compatibility with installation of compartments
		2. If preparation is the responsibility of another installer, notify the Architect in writing of deviations from manufacturer’s recommended installation tolerances and conditions
		3. Do not proceed with installation until substrates have been properly prepared with blocking, supports in walls at points of connections, and deviations form manufacturer’s recommended tolerances are corrected. Commencement of installation constitute acceptance of conditions
	2. INSTALLATION
		1. Installation must be performed by a trained and certified Bobrick dealer/installer. Contact Evolve@Bobrick.com for the authorized Bobrick dealer near you.
		2. Install products in strict compliance with manufacturer’s written instructions and recommendations, include the following:
			1. Verify blocking and supports in walls have been installed properly at points of attachment
			2. Verify location does not interfere with door swings or use of fixtures
			3. Use fasteners and anchors suitable for substrate and project conditions
			4. Install compartments rigid, straight, plumb, and level
			5. Conceal evidence of drilling, cutting, and fitting to room finish
			6. Test for proper operation
			7. Verify that gaps between fascia panels and doors are blocked and ensure privacy
	3. ADJUSTING, CLEANING, AND PROTECTION
		1. Adjust hardware for proper operation after installation. Verify the doors self-close from the 90-degree position and door closes in no fewer than 4 seconds
		2. Touch-up repair, or replacement damaged products
		3. Clean exposed surfaces of compartments, hardware, and fittings