**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 infomea@Bobrick.com or call +971 4 3871357 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 UK Certificate of Origin Section if not required on the project.

* + 1. UK 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 Kingdom, 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 workmanship 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 Kingdom.
		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 Kingdom.
	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. Color:

Specifiers Notes: Choose one of the color options.

As selected by Architect from manufacturer’s standard range (only examples below – refer to the brochure for the full range):

Walnut (616)

American Beech (1666)

Pacific Blue (1860)

Green Grass (460)

Spring White (406)

Beige Manhattan (813)

Black (421)

Other color as selected by architect based on Manufacturer’s range and confirmed by local Manufacturer Representative.

As indicated in the Finish Schedule

* + - 1. Toilet Compartments:
				1. Configuration: Floor-anchored, Overhead-braced toilet cubicles.
				2. Basis-of-Design: Bobrick Evolve Toilet Cubicles

Door Hardware and Pedestal: Anodized aluminum

Height: Overall height from finished floor to top of headrail is 2083 mm consisting of 100 mm floor clearance, 1952 mm- doors, and 25 mm- headrail.

* + - 1. Fire Resistance:
				1. Class 0 / Class 1
			2. Urinal Privacy Screens:
				1. Basis-of-Design: Bobrick Evolve Urinal Privacy Screens
				2. Configuration: Floor-anchored
				3. Screen Size:

Max Height: 1829 mm

Max Width: 610 mm

* + - * 1. Hardware: 100 mm pedestal urinal screen hardware to match cubicle hardware
			1. Finished Thickness: 12 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: Anodized aluminum U-Channel brackets
				3. Privacy:

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

Continuous aluminum U-Channels fasten divider panels to the fascia panels and wall as the divider panels to the wall connections

* + - 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 22.24 newtons.

Keyed Emergency Access: Latch allows door to be opened from the outside of the compartment with keyed emergency release slot in the indicator

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

Door-closing: Foot secured beneath door incorporates a spring closing mechanism and include (+/-) 10 mm adjustment

Door Hardware Type:

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

Occupancy indicator: Aluminum circular escutcheon with red and white indicator

Pedestal: Cylindrical pedestal supports divider panels and maintains a 100 mm floor clearance under fascia panel and side divider panels. Spring closing mechanism is incorporated into the pivot foot to provide a soft door close

Robe hook: Standard 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 Bobrick dealer/installer. Contact infomea@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