

## PRODUCT SPECIFICATIONS - SERIES 1540

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### SECTION 10165 CLASSIC SERIES LAMINATED PLASTIC TOILET PARTITIONS

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#### PART 1 - GENERAL

##### 1.01 Work Included

- A. Toilet Compartments
- B. Urinal Screens

##### 1.02 Related Sections

- A. Wall backing required to secure mounting brackets.
- B. Support for floor-anchored compartments.
- C. Toilet room accessories.

##### 1.03 References (including but not limited to)

- A. ANSI A117- 1986 *Specifications for Making Buildings and Facilities Accessible to and Usable by Physically Handicapped People*.
- B. UBC - Chapters 5 and 33 *Requirements for Handicapped*.
- C. Title 24, *California Code of Regulations*. Parts 2, 3, and 5.
- D. ADA, *Accessibility Guidelines for Buildings and Facilities*, Federal Register Volume 56, Number 144, Rules and Regulations.
- E. Fair Housing Amendments Act of 1988, *Accessibility Guidelines*, Federal Register Volume 56, Number 44.
- F. Southern Building Code.

## 1.04

### Quality Assurance

#### A. Manufacturers

1. Model numbers for compartments manufactured by Bobrick Washroom Equipment, Inc. are listed to establish a standard of quality for design, function, materials, workmanship and appearance. Other manufacturers may be submitted for evaluation by the architect by following the conditions of the substitutions clause. Unless approval is obtained ten days prior to the bid date, all bids shall be based on the standard of quality. The architect shall be the sole judge as to the acceptability of all products submitted for substitution.
2. Compartments shall be the product(s) of a single manufacturer.

## 1.05

### Submittals

#### A. Comply with requirements of Section regarding submittals.

#### B. Manufacturer's Data

1. Provide required number copies of:
  - a. Product data sheets.
  - b. Installation instructions.
  - c. Replacement parts information.

#### C. Shop Drawings

1. Provide required number of copies of all shop drawings.
2. Show fabrication and erection of compartment assemblies, to extent not fully described by manufacturer's data sheets.
3. Show anchorage, accessory items and finishes.
4. Provide location drawings for bolt hole locations in supporting members for attachment of compartments.

#### D. Samples

1. Furnish scale model of compartments, including stile, shoe, door, door hardware, divider panel, and mounting brackets.
2. Furnish sections showing stile anchoring, panel and stile core construction, bonding methods, and edge construction.

## 1.06

### Product Delivery, Storage, and Handling

- A. Deliver items in manufacturer's original unopened protective packaging.
- B. Store materials in original protective packaging to prevent physical damage or wetting.

- C. Handle so as to prevent damage to finished surfaces.

1.07      Warranty

- A. Furnish one year guarantee against defects in material and workmanship.

**PART 2 -      PRODUCTS**

2.01      Configurations

- A. Toilet Compartments shall be:
  - Floor-Anchored (1541 Classic Series)
  - or -
  - Overhead-Braced (1542 Classic Series)
  - or -
  - Ceiling-Hung (1548 Classic Series)
- B. Urinal Screens shall be:
  - Floor-Anchored (1541 Classic Series)
  - or -
  - Wall-Hung (1545 Classic Series)
  - or -
  - Ceiling-Hung (1548 Classic Series)

2.02      Components/Materials

- A. Stiles, Panels, Doors, and Screens
  - 1. All surfaces shall be high-pressure laminated plastic NEMA LDS-1985 minimum thickness 0.050" (1.33 mm) with matte finish. Color and pattern as selected by architect from Bobrick standard colors.
  - 2. Stiles, panels, doors, and screens: 45-lb density, industrial grade, resin-impregnated, particle board.
- B. Hardware
  - 1. All hardware to be chrome-plated "Zamac".
  - 2. All hardware shall be through-bolted.
- C. Latch
  - 1. Sliding door latch shall be chrome-plated "Zamac".
  - 2. Sliding door latch shall require less than 5-lb force to operate. Twisting latch operation will not be acceptable.
  - 3. Latch shall be attached to door by theft-resistant, one-way machine screws.

D. Hinges

1. Pivot hinges shall be chrome-plated "Zamac".
2. Hinges shall be attached to door and stile by through-bolting theft-resistant, chrome one-way shoulder screws into one-way chrome barrel nuts.

E. Coat Hook and Bumper combination shall be chrome-plated "Zamac".

F. Mounting Brackets shall be chrome-plated "Zamac".

G. Overhead Braced Series Leveling Device: 12-gauge, 3" x 1-1/4" (75-mm x 32-mm) steel bracket. Zinc plated steel with supplementary chromate treatment.

H. Floor Anchored Series / Ceiling Hung Series Leveling Device: 12-gauge, 1/2" x 1" (13-mm x 25-mm) steel channel welded to 3/8" x 1" (10-mm x 25-mm) zinc-chromate plated steel bar.

I. Stile Shoe shall be one-piece, 4" (102-mm) high, type-304, 22-gauge (0.8-mm) stainless steel with satin finish. Top shall have 90° return to stile. Patented one-piece shoe capable of adapting to 3/4" or 1" stile thickness and capable of being fastened (by clip) to stiles starting at wall line.

J. Headrail shall be extruded satin finish, anodized aluminum (.045" thick) with anti-grip profile.

2.03 Fabrication

A. Stiles, Panels, Doors, and Screens:

1. Bond high-pressure plastic laminate to core material with adhesive specially formulated to prevent delamination. Bond edges prior to bonding face sheets. No splices or joints in faces or edges shall be acceptable unless there are laminate material limitations.
2. Finish thickness: 1" (25 mm) for uniform flush front.

**PART 3 - EXECUTION**

3.01 Inspection

- A. Check areas scheduled to receive compartments for correct dimensions, plumbness of walls, and soundness of surfaces that would affect installation of mounting brackets.
- B. Verify spacing of plumbing fixtures to assure compatibility with installation of compartments.
- C. Do not begin installation of compartments until conditions are satisfactory.

### 3.02

#### Erection

- A. Install compartments rigidly, straight, plumb, and level and in accordance with manufacturer's installation instructions.
- B. Installation methods shall conform to manufacturer's recommendations for backing and proper support.
- C. Conceal evidence of drilling, cutting, and fitting to room finish.
- D. Maintain uniform clearance at vertical edge of doors.

### 3.03

#### Adjustment and Cleaning

- A. Adjust hardware for proper operation after installation.
- B. Set hinge cam on in-swinging doors to hold doors open when unlatched.
- C. Set hinge cam on out-swinging doors to hold unlatched doors in closed position.
- D. Clean exposed surfaces of compartments, hardware, and fittings.

