The illustrations and descriptions herein are applicable to production as of the date of this Technical Data Sheet. © 2021 by Bobrick Washroom Equipment, Inc

**Technical Data**

**1080 SERIES**

**DuraLineSeries® Compact Grade Laminate Partition and Screens**

Specify Product Application:
- □ Toilet Partitions  
- □ Dressing Compartments  
- □ Shower Dividers  
- □ Urinal Screens  
- □ Entrance Screens  
- □ With Outswing Door  
- □ With Institutional Hardware (.67)

Specify Series Required:
- □ Floor-Anchored  
- □ Overhead-Braced  
- □ Post-to-Ceiling (Screens only)  
- □ Wall-Hung (Screens only)  
- □ Floor-to-Ceiling Anchored  
- □ Ceiling-Hung  
- □ for 8' 0'' (244cm) Ceilings or as required up to 10' 0'' (305cm) Ceilings

Gap-Free:
- □ 1081 Series  
- □ 1082 Series  
- □ 1083 Series  
- □ 1084 Series  
- □ 1085 Series  
- □ 1086 Series  
- □ 1088 Series  
- □ 1089 Series  
- □ 108B Series  
- □ 108G Series

**STANDARD-SIZE COMPONENTS:**

**Stiles:** For compartments — 3", 4", 5", 6", 7", 8", 10", 12", 16", 18", 20", or 24" (8, 10, 13, 15, 18, 20, 25, 30, 41, 46, 51, or 61cm) wide; for screens — 6" (15cm) wide. **Floor-anchored** — 69" (175cm) high; **overhead-braced** — 83" (211cm) high; floor-to-ceiling anchored — height as required; **ceiling-hung** — 83" (211cm) high for 8' 0'' (244cm) ceilings or as required up to 10' 0'' (305cm) ceilings.

**Doors:** 58" (147cm) high. Inswing doors are standard for 22" to 37" (56–94cm) widths in whole-inch increments. Outswing doors are standard for 25" to 37" (64–94cm) widths in whole-inch increments.

**Wall Posts:** — 1-1/2" wide x 58" high (4 x 147cm).

**COMPARTMENT AND SCREEN ELEVATIONS**

**1081 Series Floor-Anchored**
**1082 Series Overhead-Braced**
**1086 Series Floor-to-Ceiling Anchored**
**1088 Series Ceiling-Hung**

1083 Series Post-to-Ceiling Screen
1085 Series Wall-Hung Screen 42" or 48"

These mounting points require backing. For suggested backing methods, Bobrick Advisory Bulletins TB-32 for ceiling-hung installations and TB-46 for floor-anchored are available upon request.

**TYPICAL INSTALLATION DETAILS**

**Ceiling Leveling Device**
**Floor Leveling Device**
**Overhead-Bracing**

**TYPICAL HARDWARE DETAILS**

Standard gaps are provided at all walls and between components to allow for hardware attachment.

Wall gaps are standard 1/2" to 1" thick.

Commercial Hardware (standard on all compartments)

Institutional Hardware (.67 option)

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MATERIALS:

Stiles* — 3/4” (19mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded. Edges are black.

Leveling Device: 3/16” (5mm) thick, corrosion-resistant, chrome-treating, double zinc-plated steel angle leveling bar bolted to stile; furnished with 3/8” (10mm) diameter threaded rods, hex nuts, lock washers, flat washers, spacer sleeves, expansion anchors, and shoe retainers.

Shoe: 18-8, Type-304, 22-gauge (0.8mm) stainless steel with satin finish; 4” (102mm) high.

* "Stiles for 1086 Series floor-to-ceiling anchored have a leveling device at each end.

Panels — 1/2” (13mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded. Edges are black.

Urinal Screens — 1/2” (13mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded. Edges are black.

Doors — 3/4” (19mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded. Edges are black.

Panels — 1/2” (13mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded. Edges are black.

Posts (for 1083 Series screens only) — 1-1/4” (32mm) square tubing; 18-8, Type-304, 18-gauge (12mm) stainless steel with satin finish. Floor and ceiling connections are constructed of 18-8, Type-304, heavy-gauge stainless steel. Furnished in 10-ft (305-cm) lengths; to be cut in field to job specifications.

Headrail (for 1082 Series compartments only) — Extruded anodized aluminum. Enclosed construction with sloping top. Face has raised grip-resistant edge.

Designer’s Notes: Headrails with integral curtain tracks and hooks are available for compartments without doors. Optional vinyl curtains are available.

Wall Posts — 1” x 1-1/2” (25 x 38mm) tubing; 18-8, Type-304, 16-gauge (1.6mm) stainless steel with satin finish. 58” (147cm) high, pre-drilled for door hardware.

Commercial Hardware (standard) — Hinges, door latches, pocket doors, doors hooks, mounting brackets and door handles are constructed of 18-8, Type-304, heavy-gauge stainless steel with satin finish. Threaded inserts are factory installed for securing hinges and door latch. Theft-resistant, stainless steel pin-in-head, torx screws are furnished for door hardware and all mounting brackets. Black rubber bumper on the latch serves as door bumper for in-swinging door. Balanced hinge is adjustable to hold door of unoccupied toilet compartment partially open or fully closed. Door compartment latch is locked from inside by sliding door latch into keeper. A locked compartment may be opened from outside by lifting door to disengage latch from keeper. Track of door latch prevents in-swinging door from swinging out beyond stile; on out-swinging door, the door keeper prevents it from swinging in beyond stile. Door handles and latch have operable parts that are operable with one hand and do not require tight grasping, pinching, or twisting of the wrist; and comply with ADA Sections 404.2.7 and 309.4. The force required to activate the operable parts shall be 5 pounds (22.2N) maximum.

Institutional Hardware (.67 option) — Hinges, door latches, door keepers, clothes hooks, mounting brackets and door handles are constructed of 18-8, Type-304, heavy-gauge stainless steel with satin finish; one-piece, full-height hinge is 16 gauge (1.6mm); one-piece door keeper is 11 gauge (3.2mm); one-piece, full-height U-channels and angle brackets are 18 gauge (1.2mm). U-channels are secure panels to stiles, and angle brackets secure panels to walls.

Threads inserts are factory installed to secure door hinge and latch. Track of door latch prevents in-swinging door from swinging out beyond stile. Theft-resistant, stainless steel pin-in-head, torx screws are furnished for door hardware, U-channels, and angle brackets. Doors are equipped with a self-closing hinge. Threaded inserts are factory installed to secure door hinge and latch. Track of door latch prevents in-swinging door from swinging out beyond stile; on out-swinging door, the door keeper prevents it from swinging in beyond stile. Door handles and latch have operable parts that are operable with one hand and do not require tight grasping, pinching, or twisting of the wrist; and comply with ADA Sections 404.2.7 and 309.4. The force required to activate the operable parts shall be 5 pounds (22.2N) maximum.

To specify institutional hardware, add suffix .67 to series number. Example: specify 1082.67 for overhead-braced partitions furnished with institutional hardware, including factory-installed threaded inserts for door hardware attachment.

INSTALLATION:

Bobrick installation instructions are packed with each shipment and are available also in advance on request.

Notes:

1. Ceiling-hung and floor-to-ceiling toilet compartments require structural members (not furnished by Bobrick) in ceiling. For suggested types of ceiling support systems, see Bobrick Advisory Bulletin TB-32.

2. Walls shall be constructed of solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded; and covered by a 25-year limited warranty against breakage, corrosion, and delamination. Stiles and doors shall be 3/4” (19mm) thick; panels shall be 1/2” (13mm) thick. All units shall be ICC, NFPA Class A, ASTM E-84 Interior Wall and Ceiling Finish Classification: flame spread 25, smoke development 55. Stiles shall have leveling device that is concealed by a one-piece, Type-304, satin-finish stainless steel shoe that is 4” (102mm) high. Stiles, panels and doors shall be bonded. Edges are black.

3. Floor-anchored stiles are furnished with expansion shields and threaded rods. The expansion shields require minimum 2” (50cm) penetration into minimum 3” (75mm) thick structural concrete.

4. Bobrick stainless steel partition-mounted washroom accessories are available for mounting in panels between two compartments. See current Bobrick Catalog for description of accessories. Cutouts in panels can be pre-cut for Bobrick models at factory if location and size of all cutouts and Bobrick model numbers are furnished at time of order.

5. When the cam has been set at the desired free resting position, "either closed or open" the top of the affixed components will be aligned.

GUARANTEE:

Bobrick toilet partitioning including all hardware and mounting brackets are guaranteed to be free from defects in material and workmanship for a period of one year from date of purchase. Any products returned to Bobrick under this guarantee will be repaired or replaced at no charge. 25-Year Warranty: Bobrick extends a twenty-five-year limited warranty from date of purchase for DuraLineSeries Compact Laminate partition panels, doors, and stiles against breakage, corrosion, delamination, and defects in factory workmanship when materials are properly installed, then used and serviced normally.

SPECIFICATION:

Compact Laminate (Solid Phenolic) — (insert one: toilet partitions, dressing compartments, shower dividers, urinal screens, entrance screens) shall be__________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ ____________________________ 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