



# Technical Data

# DesignerSeries™ PARTITIONS AND SCREENS WITH LAMINATED PLASTIC SURFACES AND EDGES

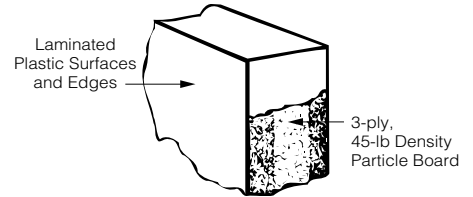
# 1040 SERIES

### Specify Product Application:

- Toilet Partitions
- Dressing Compartments
- Urinal Screens
- Entrance Screens
- With Outswing Door
- With Continuous Hardware (.65)

### Specify Series Required:

- 1041 Series Floor-Anchored
- 1042 Series Overhead-Braced
- 1043 Series Post-to-Ceiling (Screens only)
- 1045 Series Wall-Hung (Screens only)
- 1048 Series Ceiling-hung for 8' 0" (244cm) Ceilings or as required up to 10' 0" (305cm) Ceilings



### STANDARD-SIZE COMPONENTS:

**Stiles:** For compartments — 3", 4", 5", 6", 8", 10", 12", 16", 20", or 24" (8, 10, 13, 15, 20, 25, 30, 41, 51, or 61cm) wide; for screens — 6" (15cm) wide.  
**Floor-anchored** — 69" (175cm) high; **overhead-braced** — 83" (211cm) high;  
**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, 58" high (4 x 147cm)

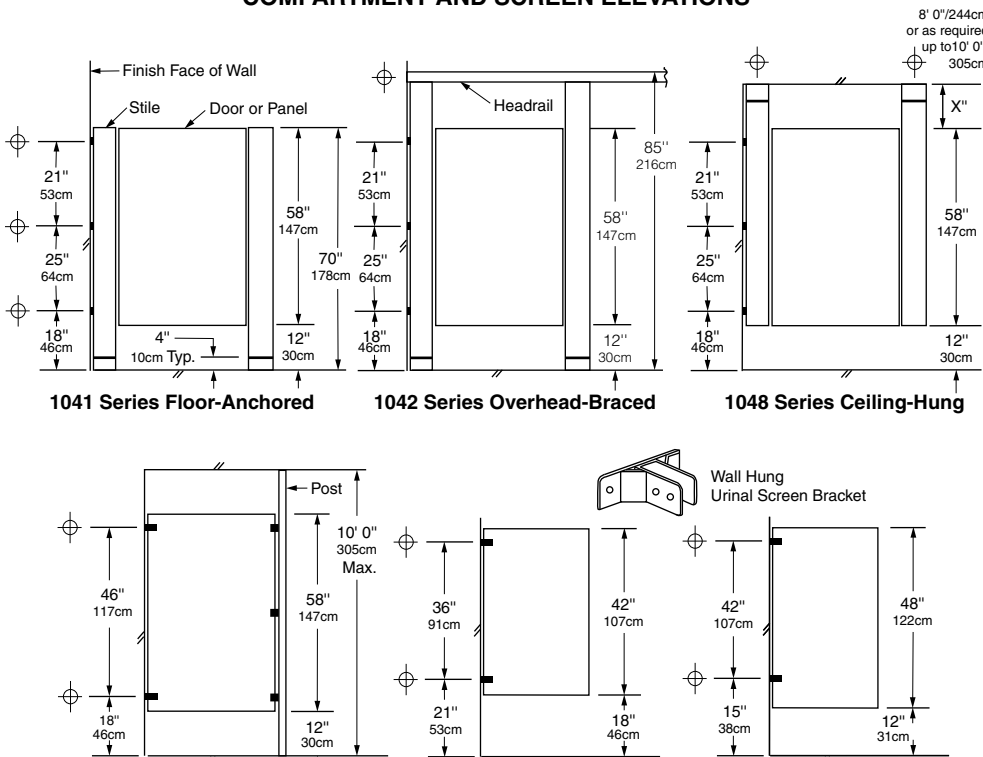
**Panels:** For compartments — Up to 84" (46–213cm) wide; 58" (147cm) high. For wall-hung screens — 18" or 24" (46 or 61cm) wide; 42" or 48" (107 or 122cm) high; For ceiling-hung and post-to-ceiling screens — 24", 36", 48", or 60" (61, 91, 122, or 152cm) wide; 58" (147cm) high.

**Posts:** For 1043 Series post-to-ceiling screens only. 1-1/4" (3cm) square. 10 ft (305cm); cut to required height in field.

<sup>a</sup> Minimum 8" (20cm) wide stile recommended for ceiling-hung and floor-anchored compartments.

<sup>b</sup> Use outswing doors to comply with local codes requiring access for physically disabled persons.

### COMPARTMENT AND SCREEN ELEVATIONS



1041 Series Floor-Anchored

1042 Series Overhead-Braced

1048 Series Ceiling-Hung

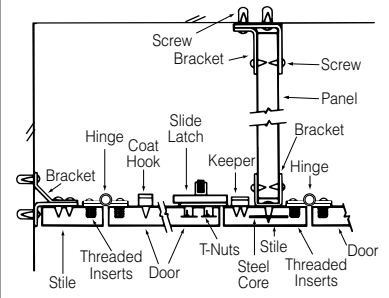
1043 Series Post-to-Ceiling Screen

1045 Series Wall-Hung Screen 42" or 48"

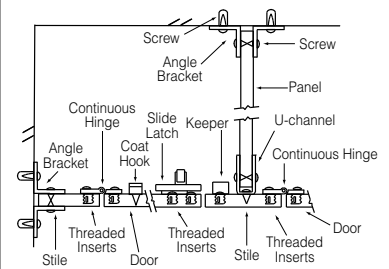
⊕ These mounting points require backing. For suggested backing methods, Bobrick Advisory Bulletins TB-32 for ceiling-hung installations and TB-46 for floor-anchored are available upon request.

### TYPICAL HARDWARE DETAILS

#### Commercial Hardware (standard on all compartments)



#### Continuous Hardware (.65 option)

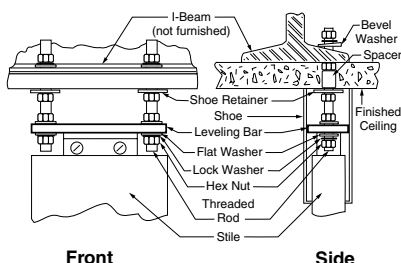


Standard gaps are provided at all walls and between components to allow for hardware attachment.

Wall gaps are standard 1/2" to 1"

### TYPICAL INSTALLATION DETAILS

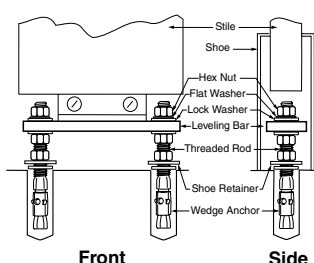
#### Ceiling-Hung Leveling Device



Front

Side

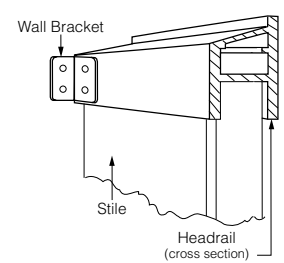
#### Floor-Anchored or Overhead-Braced Leveling Device



Front

Side

#### Overhead-Bracing



Headrail (cross section)

## MATERIALS:

**Stiles** — 1" (25mm) finished thickness: 3-ply, 45-lb (20.4-kg) density, resin-impregnated particle board is bonded to each side of 11-gauge (3.2mm) sheet steel that serves as reinforcing core; surfaces and edges are .050" (1.3mm) thick, high-pressure plastic laminate with colored face sheets and matte finish. **Leveling Device:** 3/8" x 7/8" (10 x 22mm) steel bar is welded to sheet-steel core of stile, forming a single structural unit; furnished with 3/8" (10mm) diameter threaded rods, hex nuts, lock washers, flat washers, expansion shields, and shoe retainers. **Shoe:** 18-8 S, type-304, 22-gauge (0.8mm) stainless steel with satin finish; 4" (102mm) high.

**Panels and Doors** — 1" (25mm) finished thickness: 3-ply, 45-lb (20.4-kg) density, resin-impregnated particle board; surfaces and edges are .050" (1.3mm) thick, high-pressure plastic laminate with colored face sheets and matte finish.

**Posts (for 1043 Series screens only)** — 1-1/4" (32mm) square tubing; 18-8 S, type-304, 18-gauge (1.2mm) stainless steel with satin finish. Floor and ceiling connections are constructed of 18-8 S, type-304, heavy-gauge stainless steel. Furnished in 10-ft (305-cm) lengths; to be cut in field to job specifications.

**Headrail (for 1042 Series only)** — Extruded anodized aluminum with satin finish. 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. Vinyl curtains are available as an optional accessory. Benches are available as an optional accessory for dressing compartments: 1" (25mm) thick laminated plastic, 10" (25cm) deep, 18" or 24" (46 or 61cm) wide; furnished with two stainless steel support brackets.

**Wall Posts** — 1" x 1-1/2" (25 x 38mm) tubing. 18-8 S, 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, door keepers, clothes hooks, and mounting brackets are constructed of 18-8 S, type-304, heavy-gauge stainless steel with satin finish. Threaded inserts are factory installed for securing hinges on inswing doors and furnished for outswinging doors. T-nuts are factory installed for securing 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 door latch serves as door bumper for inswing door. Balanced hinge is adjustable to hold door of unoccupied toilet compartment partially open or fully closed. Toilet compartment door 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 inswing door from swinging out beyond stile; on outswinging door, the door keeper prevents it from swinging in beyond stile.

**Continuous Hardware (.65 option)** — Hinges, door latches, door keepers, clothes hook, U-channels, and angle brackets are constructed of 18-8 S, type-304, heavy-gauge stainless steel with satin finish; one-piece, full-height hinge is 16 gauge (1.6mm); one-piece door keepers shall be 11 gauge (3.2mm); one-piece full-height U-channels and angle brackets are 18 gauge (1.2mm). U-channels secure panels to stiles, and angle brackets secure panels and stiles to walls. Door latch slides on a shock-resistant nylon track. A locked compartment may be opened from outside by lifting door to disengage latch from keeper. 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 inswing door from swinging out beyond stile; on outswinging door, the door keeper prevents it from swinging in beyond stile.

*To specify continuous hardware, add suffix .65 to series number. Example: specify 1042.65 for overhead-braced partitions furnished with continuous 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. Where water from showers or hose-down cleaning comes in contact with partitions, Bobrick 1080 Series water-resistant, solid phenolic partitions are recommended.
2. Ceiling-hung partitions require structural members (not furnished by Bobrick) in ceiling. For suggested types of ceiling support systems, see Bobrick Advisory Bulletin TB-32.
3. Wall backing is required to secure the mounting brackets of panels, stiles, and wall posts. For suggested wall backing, see Bobrick Advisory Bulletin TB-46.
4. Floor-anchored stiles are furnished with expansion anchors and threaded rods. The expansion anchors require minimum 2" (50mm) penetration into minimum 3" (75mm) thick structural concrete.
5. 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.
6. 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 partitions 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.

## SPECIFICATION:

Laminated plastic \_\_\_\_\_ (insert one: toilet partitions, dressing compartments, urinal screens, entrance screens) shall be \_\_\_\_\_ (insert one: floor-anchored, overhead-braced, ceiling-hung, wall-hung, post-to-ceiling). Stiles, panels and doors shall have a finished thickness of 1" (25mm). Core of panels and doors shall be 3-ply, 45-lb (20.4-kg) density, resin-impregnated particle board. Stiles shall have 3-ply, 45-lb (20.4-kg) density, resin-impregnated particle board bonded to each side of 11-gauge (3.2mm) sheet steel that serves as reinforcing core. Stiles shall have leveling device that is welded to the sheet-steel core and concealed by a one-piece, type-304, satin-finish stainless steel shoe that is 4" (102mm) high. Surfaces and edges shall be .050" (1.3mm) thick, high-pressure plastic laminate with colored face sheets and matte finish; bonding shall be done using adhesives especially formulated to prevent delamination from moisture and heat normally existing in public washrooms. Stiles, panels and doors shall be \_\_\_\_\_ (insert color name and number from current Bobrick Catalog). Headrails for overhead-braced compartments shall be anodized aluminum with satin finish. \*All door hardware and mounting brackets shall be type-304 stainless steel with satin finish. No door hardware or mounting brackets shall be exposed on exterior of compartments, except on outswing doors. Threaded inserts shall be factory installed for securing hinges on inswing doors and furnished for outswing doors. T-nuts shall be factory installed for securing door latches. Theft-resistant, stainless steel pin-in-head, torx screws shall be furnished for door hardware and all mounting brackets. A clothes hook shall be furnished for each door. Hinges shall be adjustable to hold doors of unoccupied compartments partially open or fully closed, and shall allow a locked compartment to be opened from outside by lifting door to disengage latch from keeper.

*\* To specify continuous hardware, replace end of specifications paragraph with: .65 option* All door hardware, U-channels, and angle brackets shall be type-304 stainless steel with satin finish: one-piece, full-height hinges shall be 16 gauge (1.6mm); one-piece door keepers shall be 11 gauge (3.2mm); one-piece, full-height U-channels and single brackets shall be 18 gauge (1.2mm). U-channels shall be furnished to secure panels to stiles, and angle brackets furnished to secure panels and stiles to walls. Theft-resistant, stainless steel pin-in-head, torx screws shall be furnished for door hardware, U-channels, and angle brackets. Hinges shall allow locked compartment to be opened in emergency from outside by lifting door to disengage latch from keeper. Doors shall be equipped with a self-closing hinge. Threaded inserts shall be factory installed to secure all door hinges and latches.

\_\_\_\_\_ (insert one: Toilet Partitions, Dressing Compartments, Urinal Screens, Entrance Screens) shall be \_\_\_\_\_ Series (insert series number) of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.