TB-32  Suggested Mounting Systems for Ceiling-Hung Toilet Partitions

Provisions must be in the construction of the building to support ceiling-hung toilet partitions. Structure in ceiling, not furnished by Bobrick, must support at least 295 lb per laminated-plastic partition and 275 lb per solid-phenolic partition, and must be sufficiently rigid to withstand swinging motion of toilet partition doors and impact of doors against stiles. Some suggested mounting systems are shown below. Actual mounting system, including lateral bracing, if required, must be designed by the architect or structural engineer, and furnished by others.

**Note:** If adequate ceiling support cannot be provided, the floor and ceiling-anchored or overhead-braced toilet compartments are recommended.

The stiles of Bobrick ceiling-hung toilet partitions are constructed with an 11-gauge steel core welded to a leveling device. Each leveling device includes threaded rods (2), hex nuts (6), spacers (2), flat washers (4), lock washers (4), shoe retainers (2), and expansion anchors (2). 4" (102mm) stainless steel shoe, which is furnished, covers the leveling device after installation is completed.

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**Note:**

If adequate ceiling support cannot be provided, the floor and ceiling-anchored or overhead-braced toilet compartments are recommended.

The stiles of Bobrick ceiling-hung toilet partitions are constructed with an 11-gauge steel core welded to a leveling device. Each leveling device includes threaded rods (2), hex nuts (6), spacers (2), flat washers (4), lock washers (4), shoe retainers (2), and expansion anchors (2). 4" (102mm) stainless steel shoe, which is furnished, covers the leveling device after installation is completed.

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**Approximate Weight:**
Laminated Plastic Partition — 295 lb
Solid Phenolic Partition — 275 lb
Recommended Methods for Attaching to Wall

Masonry Wall
- Masonry Wall
- Expandable Plug
- Panel or Stile

Sheet Metal Wall
- Sheet Metal Wall
- Sheet Metal Screw
- Metal Backing
- Wire Tie
- Panel or Stile

Stud wall
- Stud (wood or metal)
- Sheet Metal Screw
- Steel or Wood Backing
- Panel or Stile

Tile Wall with Setting Bed
- Tile Wall
- Plastic Anchor (furnished)
- Sheet Metal Screw
- Stud
- Panel or Stile

Plaster on Stud Wall
- Stud
- 3/16" x 3" (5 x 76mm) Sheet Plate - Drill and Tap for 1/4-20 Machine Screw
- 1/4-20 Machine Screw
- Panel or Stile
- Plaster