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 200 lb per laminated-plastic partition and 215 lb per solid-phenolic partition, and must be sufficiently rigid to withstand swining 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.

Approximate Weight:
Laminated Plastic Partition — 200 lb
Solid Phenolic Partition — 215 lb

FRONT VIEW

Alternate Position for Furred Down Ceiling

Side Views

I-Beam Support

Channel Support

Angle Support
Recommended Methods for Attaching to Wall

Masonry Wall

Sheet Metal Wall

Stud Wall

Tile Wall with Setting Bed

Plaster on Stud Wall