Please read all instructions before installing products.

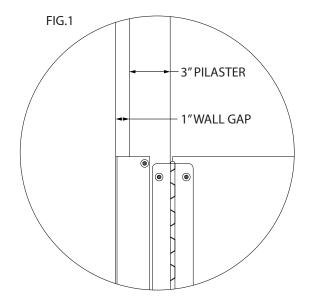
These instructions are intended for use with InPro's "standard" shower partitions, which include 64" high doors and wall panels, when deviating from the standard product, Inpro may supply a supplement to these instructions.

Please refer to the shop drawings provided by Inpro® for hardware placement and counts.

All hardware is sold in kits which include the appropriate fasteners.

Recommended Tool List

- Tape Measure
- Electric or battery-powered drill
- Drill bits (1/4", 17/64", 15/64", 5/16", 3/8", 7/16" for concrete/masonry)
- T-27 Pin-in head Torx driver
- 6" spacer
- Level
- Laser Level
- Chalk Line
- Miter saw
- Adjustable wrench



Tips from the Pros:

When installing a 3" pilaster with a continuous hinge, pay close attention to the wall gap. Deviating from a 1" wall gap, as noted in the shop drawings, will cause hinge fitment issues. (See Figure 1.)

When calculating distances to center lines -- pilasters, panels, and doors are all 1" (25.4mm) thick.

Do not drill holes at an angle. Make sure to drill perpendicular to material.

Through-drilled holes should be 1/4" (6.4mm) diameter. Drill completely through material. Do not drill through brackets.

In-wall bracing is not furnished by InPro® Corporation. Confirm adequate structural support exists in walls prior to installation.

Where ceiling mount is required, structure in ceiling is not furnished by InPro® Corporation. Actual mounting system, including additional structural bracing, if required, must be designed by the architect or structural engineer, and furnished by others.

IPC.2540/REV.4



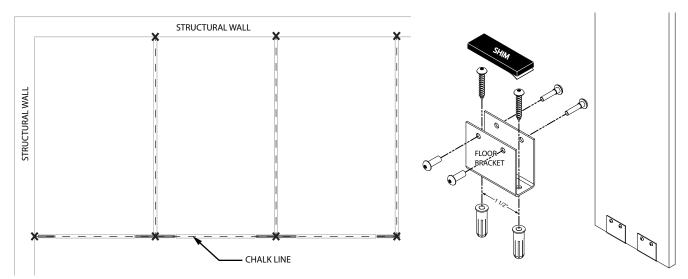
Step 1 - Drilling Holes for Pilaster Floor Anchors (See Figure 2A.)

- 1. Using the layout drawings (supplied by InPro®) and a tape measure, confirm actual room dimensions.
- 2. Determine physical layout of parts in relationship to the room. If there is a discrepancy, please contact your InPro® sales rep at 800-222-5556.
- 3. Using the layout drawing as your guide, mark the center lines for pilasters and panels on the floor where they meet the structural walls. Since walls in the room may not be square, confirm layout dimensions parallel to the back wall with those measured from the perpendicular side walls.
 - Tip: All parts are 1" (25.4 mm) thick.
- 4. Once measurements and layout has been confirmed, snap a chalk line between marks, made in the previous step, to mark partition center lines on the floor.
- 5. Starting from the side wall, measure and mark all hole drilling locations for pilaster anchors. **Tip:** There are two holes per anchor—the distance between the two holes is always 1-1/2" [38.1mm]. There will be two "Floor Brackets" for pilasters 8" and larger, the brackets should be evenly spaced (See Figure 2B).

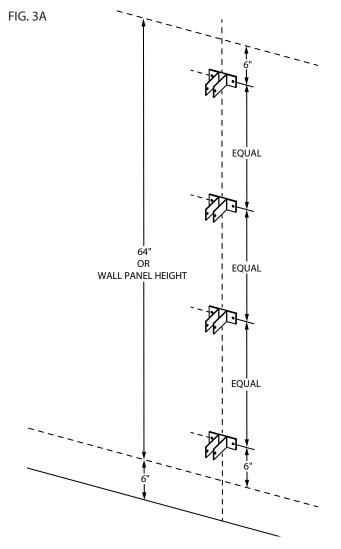
Step2 - Install Pilaster Floor Anchors (See Figure 2B.)

- 1. Drill a 5/16" (7.9mm) holes to 2" (50.8mm) minimum depth.
- 2. Blow out all dust inside hole.
- 3. Insert plastic anchor into hole. Using a hammer, gently tap the anchor into the hole until it reaches full depth.
- 4. Position floor bracket over anchors.
- 5. Insert pin-in torx screws and secure floor brackets.
- 6. To compensate for pitched floors, peel and stick red Silicone Rubber shims onto top of screw heads to desired height. Shims are 1/4" (6.4mm) thick and fit inside the floor bracket, use as necessary.

FIG. 2A FIG. 2B

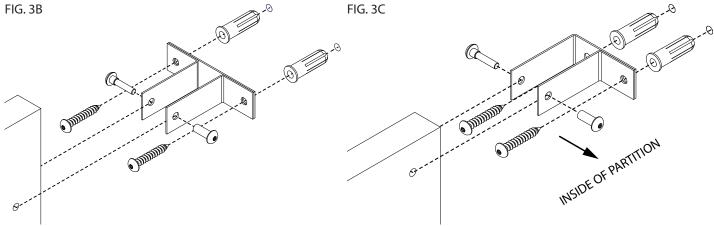






Step 3 - Installing Wall Brackets

- 1. Use a tape measure and level to measure, plumb, and mark center lines of all pilasters and panels on the structural walls.
- 2. From the highest point of the finished floor, measure up 6" (15.2cm) and add a mark to the wall where the bottom of the wall panel will be located. Then measure up from this mark 64" (162.6cm) or the wall panel height and place a mark on the wall at this height. Transfer these measurements to all other plumb lines in the room.
- 3. Measure in 6" (15.2cm) from each of the wall panel locating lines and place a mark on the wall at each location. The remaining wall brackets are to be evenly spaced between the top and bottom brackets. Transfer all wall bracket locations to each plumb line. (See Figure 3A). For continuous brackets, measure 9 1/2" (24cm) from the highest point of the finished floor to the bottom of the bracket.
- 4. Use the appropriate bracket as a template for marking the locations of all mounting holes (on exposed end panel, position the bracket with the ear facing toward the inside of the stall). (See Figure 3C)
- 5. Drill a 5/16" (7.9mm) hole (min. 2" [50.8mm] deep) at each location.
- 6. Insert the plastic anchors in all holes and secure the brackets to the wall with the #14 x 2" pin-in torx screws.

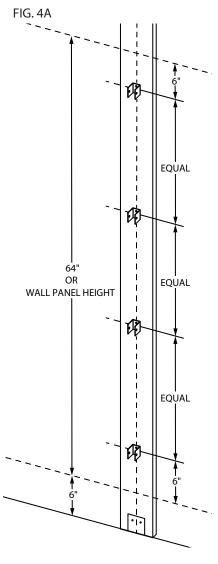


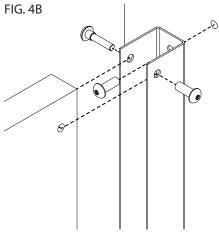
ENDURANT® Washroom Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA







Step 4 - Installing Pilaster "U-style" Brackets (Floor Mounted and Floor to Ceiling Only)

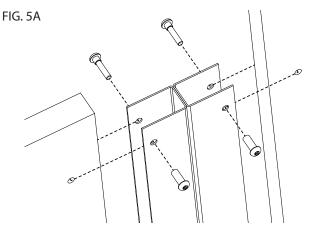
- 1. From the highest point of the finished floor, measure up 6" (15.2cm) and add a mark to the pilaster where the bottom of the wall panel will be located. Then measure up from this mark 64" (162.6cm) or the wall panel height and place a mark on the pilaster at this height. Transfer these measurements to all other pilasters.
- Measure in 6" (15.2cm) from each of the wall panel locating lines and place a mark on the pilaster at each location. The remaining brackets are to be evenly spaced between the outside brackets. Transfer all bracket locations to each pilaster. (See Figure 4A).
 Tip: Refer to layout drawing for offset panel placements.
- For continuous brackets see #6-9 below.Place center of each bracket on the mark, using the bracket as a template, mark the hole locations on the
- 4. Drill a 1/4" (6.4mm) through hole at each location.
- 5. Secure the bracket using the barrell nuts and shoulder bolts provided. Skip #6-9 below.
- 6. For continuous brackets, center the the bracket vertically on the wall panel and mark the bottom edge location of the continuous bracket on the pilaster.

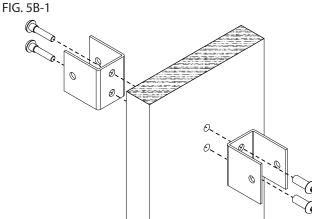
Tip: Refer to layout drawing for offset panel placements.

- 7. Place continuous bracket on panel centerline, using the bracket as a template, mark the hole locations on the pilaster.
- 8. Drill a 1/4" (6.4mm) through hole at each location.
- 9. Secure the bracket using the barrel nuts and shoulder bolts provided.

Note: For ceiling hung see "Step 12" for "U-Style" bracket heights and install instructions.







Installing Inline Panel "H-Style" Brackets

- 10. Center the the bracket vertically on the wall panel and mark the bottom edge location of the continuous bracket on the pilaster.
- 11. Place "H-Style" bracket on the pilaster, use the bracket as a template to mark the hole locations on the pilaster.
- 12. Drill 1/4" (6.4mm) holes through the pilaster, where marked.
- 13. Secure the bracket using the barrel nuts and shoulder bolts provided. (*See Figure 5A*).

Installing Pilaster Perpendicular Between Two Wall Panels

- 14. Follow Step 4 (1-9) to locate and drill the "U-Style" bracket mounting holes.
- 15. Place a bracket on each side of the pilaster aligned with the holes drilled in the previous step.
- 16. Secure both brackets using the same barrel nuts and shoulder bolts which are provided. (*See Figure 5B*).

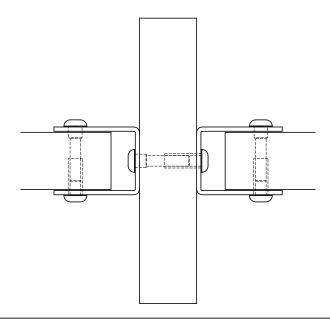
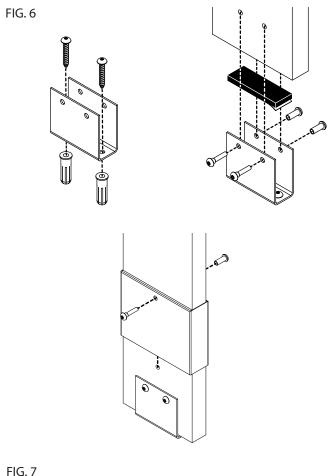
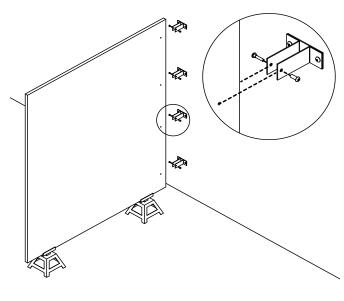


FIG. 5B-2







Step 5 - Installing Panels and Pilasters (Figures 6 and 7) *Tip:* Pilasters located at structural walls should be mounted first. Before installing pilasters, slide shoes up from the bottom and temporarily secure with tape. Solid Surface shoes may need to be cut down slightly when pilaster is located by a wall

Where ceiling mount is required, structure in ceiling is not furnished by InPro® Corporation. Actual mounting system must be designed by the architect or structural engineer and furnished by others. See Installation Instructions – Step Eleven.

Start at one end of the layout and install a wall panel, then a pilaster. Continue this sequence until all wall panels and pilasters are installed. Refer to the Layout Drawing and leave the appropriate gaps (standard gap is 1" [25.4mm] between wall panel and structural wall, and 1/2" [12.7mm] between the wall panel and the pilaster).

Ensure that all pilasters are plumb and the tops are level to each other. The pilaster height can be adjusted by applying peel and stick red silicone rubber shims onto top of screw heads to desired height, before the mounting holes are drilled. Shims are 1/4" (6.4mm) thick and fit inside the floor bracket, use as necessary.

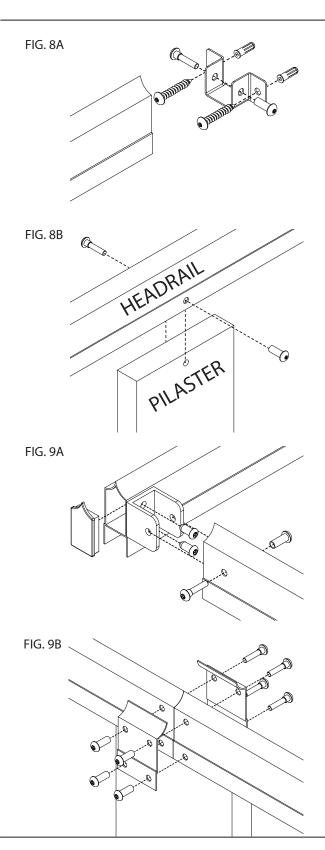
- 1. Place a panel on the 6" (15.2cm) spacers, and insert the panel into the wall brackets.
- Slide shoe up the pilaster from the bottom and temporarily secure with tape.
- 3. Peel and stick the necessary number of shims to make the pilaster level with the rest of the pilasters.
- 4. Set the pilaster onto the floor anchor shim while placing the pilaster bracket around the panel.
- 5. Confirm all parts are level and plumb.
- 6. Using brackets as a template, drill 1/4" (6.4mm) holes through the pilaster and wall panel for each mounting hole.
- 7. Secure the panels to the brackets using the barrel nuts and shoulder bolts provided.
- 8. Slide the pilaster shoe down over the floor bracket and transfer the shoe mounting holes to the pilaster.
- Slide the shoe back up the pilaster and secure with
- 10. Drill a 1/4" (6.4mm) hole through the pilaster at this
- 11. Slide the shoe back down over the floor anchor bracket, and secure with a barrel nut and shoulder bolt.
- 12. Repeat steps for each partition unit.



inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA





Step 6 - Installing Headrail (Figures 8 and 9)

Tip: Make sure the Pilasters are plumb and that all shoulder bolts and barrel nuts are tight. Leave the appropriate door spacing between pilasters (refer to the Layout Drawings). Some headrail sections may need to be cut to length on site (refer to the Layout Drawings). Head rail sections that need to be joined in-line should meet and be connected over a pilaster support (Shoulder bolts, barrel nuts, and head rail connector pack provided).

- Place head rail over the top of each pilaster and slide it tight against the side wall.
- 2. Position head rail bracket and mark the bracket mounting holes on the wall.
- 3. Drill 5/16" (7.9mm)hole (min. 2" [5.1cm] deep) at each location.
- 4. Secure each bracket to the wall with screws and plastic anchors provided.
- 5. Place head rail back into position and using the head rail bracket as a template, drill a 1/4" (6.4mm) hole through the head rail.
- 6. Fasten the head rail to the bracket using the provided barrel nuts and shoulder bolts. (See Figure 8A)
- 7. At each pilaster (starting at one end), drill a 1/4" (6.4mm) hole through the headrail and pilaster.
- 8. Secure the headrail to the pilaster with the provided barrel nuts and shoulder bolts. (See Figure 8B)
- 9. For outside corner layouts, cut both head rails to correct length.
- 10. Attach the corner pack bracket to the first headrail with the provided screws.
- 11. Slide the remaining headrail into the corner pack bracket and drill a 1/4" (6.4mm) hole through the headrail at the mounting hole location.
- 12. Attach the headrail to the bracket with the provided shoulder bolt and barrel nut.
- 13. Install the headrail end plug into the exposed end of the headrail. (See Figure 9A)
- 14. Attach the other end of the headrail to the wall with a wall bracket as shown above.
- 15. When two pieces of headrail must be spliced inline, center the seam over a pilaster.
- 16. Using the headrail connector plates as a template mark and drill 1/4" (6.4mm) holes through the headrails and pilaster.
- 17. Attach the connector plates with the provided shoulder bolts and barrel nuts. (See Figure 9B)

ENDURANT® Washroom Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA



FIG. 10

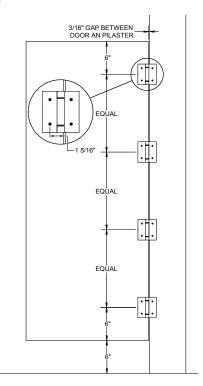
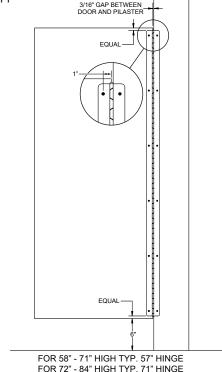


FIG. 11



Step 7 - Installing Surface-Mounted Hinges (Figure 10)

Tip: Before installing hinges, make sure the door openings are the correct size, all pilasters are plumb and that the head rail is installed.

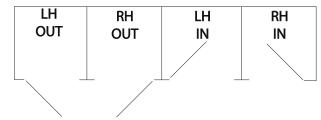
Determine the door swing by facing the stall from the outside. Refer to your Layout Drawings to determine each specific door swing. *(See Figure 12)*

- 1. Mark the hinge hole locations. (See Figure 10)
- Drill 1/4" (6.4mm) holes through the door at each hole location.
- 3. Attach all door hinges to the door with the provided barrel nuts and shoulder bolts.
- 4. Place the door on a 6" (15.2cm) spacer and move it into position (when the door is in the closed position, the standard gap at the hinge and latch sides should be 3/16" (4.8 mm) and the bottom of the door should be 6" (15.2cm) from the floor).
- 5. Using the hinges as templates, mark and drill 1/4" (6.4mm) holes through the pilaster at each location.
- 6. Secure the hinges to the pilaster with the provided barrel nuts and shoulder bolts.
- 7. Adjust the pintle in the top hinge to determine the "at rest" position of the door.

Step 8 - Attaching Piano Hinge

- 1. Mark the hinge hole locations. (See Figure 11)
- 2. Drill 1/4" (6.4mm) holes through the door at each hole location.
- 3. Attach the continuous piano hinge to door with the barrel nuts and shoulder bolts. (See Figure 11)
- 4. Place the door on a 6" (15.2cm) spacer and move into position (when the door is in the closed position, the standard gap at hinge and latch sides should be 3/16" (4.8mm) and the bottom of the door should be 6" (15.2cm) from the floor).
- 5. Using the hinge as a template, mark and drill 1/4" (6.4mm) holes through the pilaster at each location.
- 6. Secure the hinge to the pilaster with the provided barrel nuts and shoulder bolts.

FIG. 12



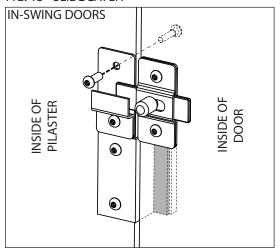
ENDURANT® Washroom Systems

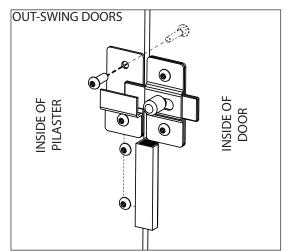
inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA



FIG. 13 - SLIDE LATCH





Step 9 - Installing Latch, Strike, and Keeper *(Figures 13 & 14) Tip:* Local codes vary from state to state. Check your local codes before installing the coat hook and door pulls. Consult the ADA Standards for any ADA Compliant Stalls.

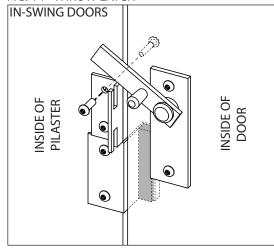
In-Swing:

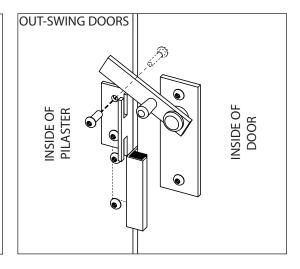
- 1. Position the latch on the inside of the door at the desired location.
- 2. Using the latch as a template mark the hole locations on the door.
- 3. Drill a 1/4" (6.4mm) through hole at each location.
- 4. Position the latch on the inside of the door, over the holes.
- Secure the latch to the door with the provided barrel nuts and shoulder bolts
- 6. With the door in the closed position, place the keeper on the inside of the pilaster and align with the latch so that the latch fits within the opening of the keeper and operates freely.
- 7. Using the keeper as a template, mark the hole locations on the pilaster and drill 1/4" (6.4mm) through holes at each location.
- 8. Using the strike as a template, mark the hole locations on the pilaster (The strike plate will be on the inside of the pilaster while the bumper will be on the outside of the door). Drill a 1/4" (6.4mm) through hole at each location.
- 9. Secure the strike & keeper to the pilaster with the provided barrel nuts and shoulder bolts.

Out-Swing:

- The instructions are the same as for an In-Swing except that the strike plate will be on the outside of the pilaster and the bumper will be on the inside of the door.

FIG. 14 - THROW LATCH







inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA



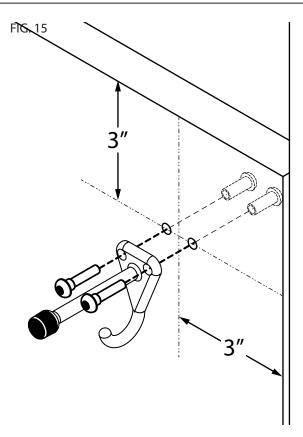


FIG. 16

Step 10 - Installing Door Pulls and Coat Hooks *Tip:* Local codes vary from state to state. Check your local codes before installing the coat hook and door pulls. Consult the ADA Standards for any ADA Compliant Stalls.

Coat Hook: (Figures 15)

- 1. On the inside (latch side) of the door measure down 3" (76.2mm) and place a mark on the door, measure over 3" (76.2mm) from the edge of the door and make a mark
- 2. Center the coat hook on the marks created in the previous step. Using the coat hook as a template mark the mounting holes on the door.
- 3. Drill 1/4" (6.4mm) through holes at each location.
- 4. Secure the coat hook to the door with the provided barrel nuts and shoulder bolts.

Door Pull: (Figures 16) Only provided for outswing doors unless noted.

- 1. Place the door pull in the desired location on the inside (latch side) of the door and place a mark on the door for the top hole. Measure down 3 1/2" (88.9mm) and place a mark for the second hole.
- 2. Drill 1/4" (6.4mm) holes through the door at the each location
- 3. Secure the door pull, to the door, by inserting the screws through the inside handle and door. Then thread them into the outside handle and tighten.

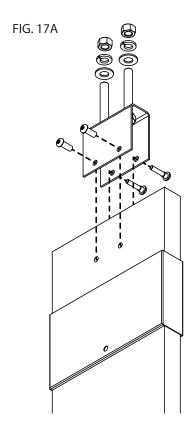
ENDURANT® Washroom Systems

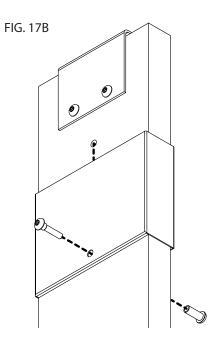
inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA



FLOOR TO CEILING AND CEILING MOUNTED PARTITIONS





Step 11 - Installing Floor to Ceiling and Ceiling Mounted Pilasters

Where ceiling mount is required, steel structure in ceiling is not furnished by InPro® Corporation. Actual mounting system must be designed by the architect or structural engineer, and furnished by others.

Ceiling anchors are to be installed before finished ceiling is applied if working with a finished ceiling.

Tip: There will be two "Ceiling Anchors" for pilasters 8" and larger, the brackets should be evenly spaced.

- 1. Drill 7/16" (11mm) holes through structural steel where mounting brackets are required.
- 2. Install flat washer, lock washer and hex nut. Tighten hex nut to secure. *(See Figure 17A)*
- 3. Slide shoe down the pilaster from the top and temporarily secure with tape.
- 4. Insert pilaster into ceiling anchor and adjust to desired height so all pilasters are plumb and level to each other.
- 5. Using the brackets as a template, drill 1/4" (6.4mm) holes through pilasters at each bracket hole location.
- 6. Secure the pilasters to the brackets using the barrel nuts and shoulder bolts provided. (See Figure 17A)
- 7. Slide the shoe up over the ceiling anchor bracket and mark mounting hole location.
- 8. Drill a 1/4" (6.4mm) hole through the pilaster at this location.
- 9. Secure with the supplied shoulder bolt and barrel nut. (See Figure 17B)
- 10. Repeat steps for each partition unit.

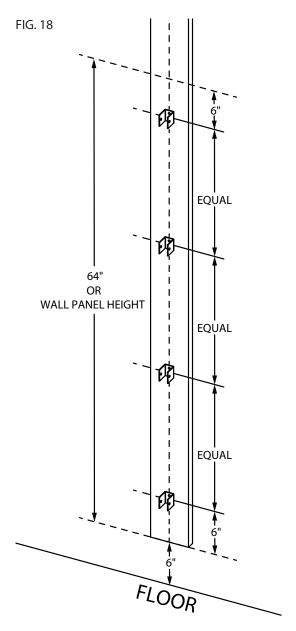


inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA



FLOOR TO CEILING AND CEILING MOUNTED PARTITIONS

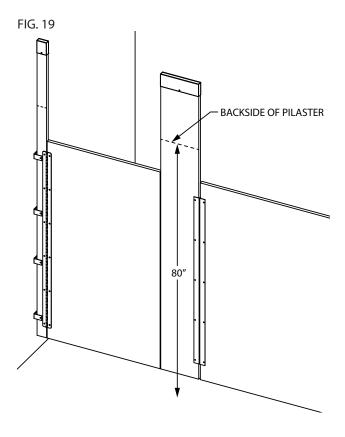


Step 12 - Installing Pilaster "U-style" Brackets (Ceiling Hung Only)

- 1. Measure up 64" (162.6cm) or the wall panel height from the bottom of the pilaster and place a mark on the pilaster at this height. Transfer this measurement to all other pilasters.
- 2. Measure up 6" (15.2cm) from the bottom of the pilaster and 6" (15.2cm) down from the previous mark and place a mark on the pilaster at each location. The remaining brackets are to be evenly spaced between the outside brackets. Transfer all bracket locations to each pilaster. (See Figure 18).
 - **Tip:** Refer to layout drawing for offset panel placements. For continuous brackets see #6-9 below.
- 3. Place center of each bracket on the mark, using the bracket as a template, mark the hole locations on the pilaster.
- 4. Drill a 1/4" (6.4mm) through hole at each location.
- 5. Secure the bracket using the barrell nuts and shoulder bolts provided. Skip #6-9 below.
- 6. For continuous brackets, center the the bracket vertically on the wall panel and mark the bottom edge location of the continuous bracket on the pilaster.
 - *Tip:* Refer to layout drawing for offset panel placements.
- 7. Place continuous bracket on panel centerline, using the bracket as a template, mark the hole locations on the pilaster.
- 8. Drill a 1/4" (6.4mm) through hole at each location.
- 9. Secure the bracket using the barrel nuts and shoulder bolts provided.

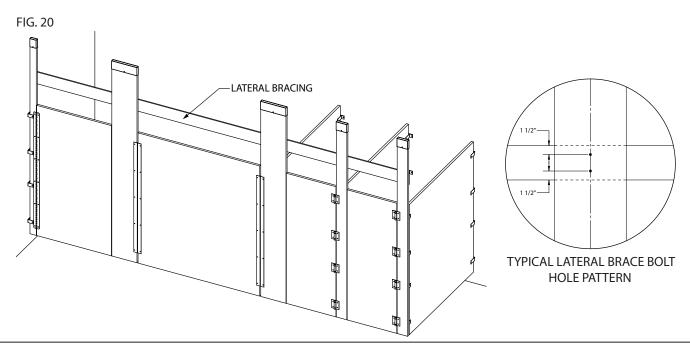


CEILING MOUNTED PARTITIONS - LATERAL BRACE



Step 13 - Installing Pilaster Lateral Brace

- 1. Mark a level line, at least 80" (203.2cm) above the finish floor, on the backside of every Pilaster. (See Figure 19)
- 2. Cut lateral brace to required length with a typical fit for a wall-to-wall placement. Plan to place this cut against a wall during installation.
- 3. Measure the location of every pilaster from a fixed point or wall.
- 4. Transfer those measurements, identifying the vertical edges of the pilasters, to the lateral brace. Mark with a pencil.
- 5. After identifying pilaster locations on lateral brace, mark two pilot holes centered on each pilaster. The pilot holes should be 1-1/2" from the top and bottom edge of the lateral brace.
- 6. Using a 1/4" (6.4mm) drill bit, drill pilot holes completely through lateral brace. Confirm vertical alignment.
- 7. Position lateral brace on pilasters, above the line marked in step1, and make sure pilot holes are centered on each pilaster.
- 8. Transfer pilot holes from the lateral brace to the pilasters.
- 9. Drill 1/4" (6.4mm) through holes at each location.
- 10. Secure the lateral brace to the pilaters with the provided barrel nuts and shoulder bolts. (See Figure 20)



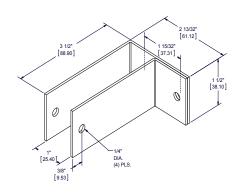
ENDURANT® Washroom Systems

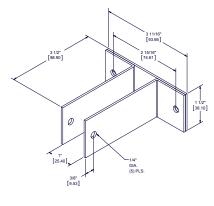
inpro.com • 800.222.5556 • 262.679.9010

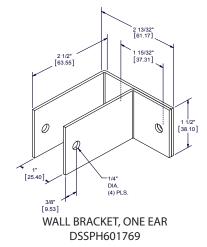
World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA



PARTITION HARDWARE - Standard Package Brackets







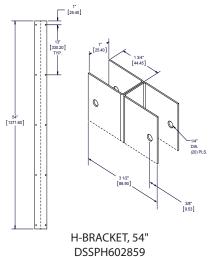
WALL BRACKET, ONE EAR DSSPH601279

1 3/16"
[30.16]
1 1/2"
[38.18]
1 1/2"
[38.10]
1 1/4"
DIA.
(4) PLS.
[9.71]
U-BRACKET

DSSPH187379

WALL BRACKET, TWO EAR DSSPH601269

PARTITION HARDWARE - Standard and Continuous Package Brackets



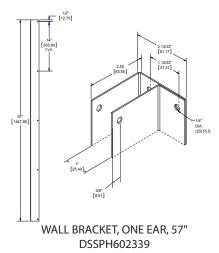
ENDURANT® Washroom Systems

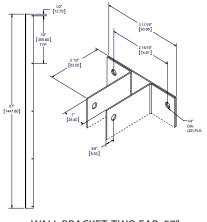
inpro.com • 800.222.5556 • 262.679.9010

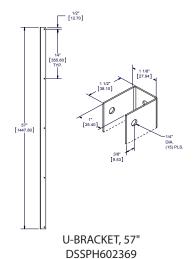
World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA



PARTITION HARDWARE - Continuous Package Brackets

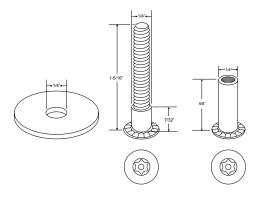






WALL BRACKET, TWO EAR, 57" DSSPH602349

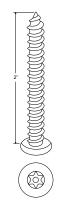
LATERAL BRACE HARDWARE KIT (T-27 Pin-in Torx Typical)



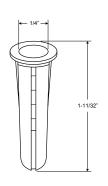
DSSPH188019

- 1/4" FENDER WASHERS
- 1 5/16" SHOULDER BOLTS
- 5/8" BARREL NUTS

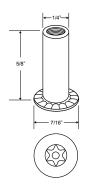
PARTITION HARDWARE - Typical Fasteners (T-27 Pin-in Torx Typical)



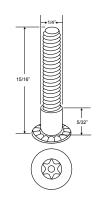
#14 SCREWS 2" - DSSPH250092389



1/4" CONICAL ANCHOR DSSPH250009015



BARREL NUT DSSPH250088219



SHOULDER BOLT, 15/16" DSSPH25008259

ENDURANT® Washroom Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA



PARTITION HARDWARE - Door Hardware [12.70] R3/8" [355.60] [9.53] Ø 9/32" [7.14] (12) PLS. [12.70] DIA. PIN 57" [1447.80] [1803.40] SURFACE MOUNTED SPRING HINGE DSSPH608649 PIANO HINGE PIANO HINGE CAM 57" (0° OPEN) CAM 71" (0° OPEN) DSSPH6160029 DSSPH6160799 1 3/16" [30.16] 1 3/8" [34.93] 2 1/2" [63.50] 1 1/2" [38.10] 1/4" —DIA. (2) PLS. 7/8" [22.23] SLIDE LATCH SLIDE KEEPER THROW LATCH (ADA) THROW KEEPER DSSPH187389 DSSPH606789 DSSPH605153 DSSPH187363 2 7/8" [73.03] Ø 1/4" [6.4] (10) PLS. **CONTINUOUS STRIKE STRIKE** DOOR PULL SET **HOOK & COMBINATION** INSWING KIT - DSSPH194214 DSSPH606449 **BUMPER** DSSPH54423 OUTSWING KIT - DSSPH194224 DSSPH604113

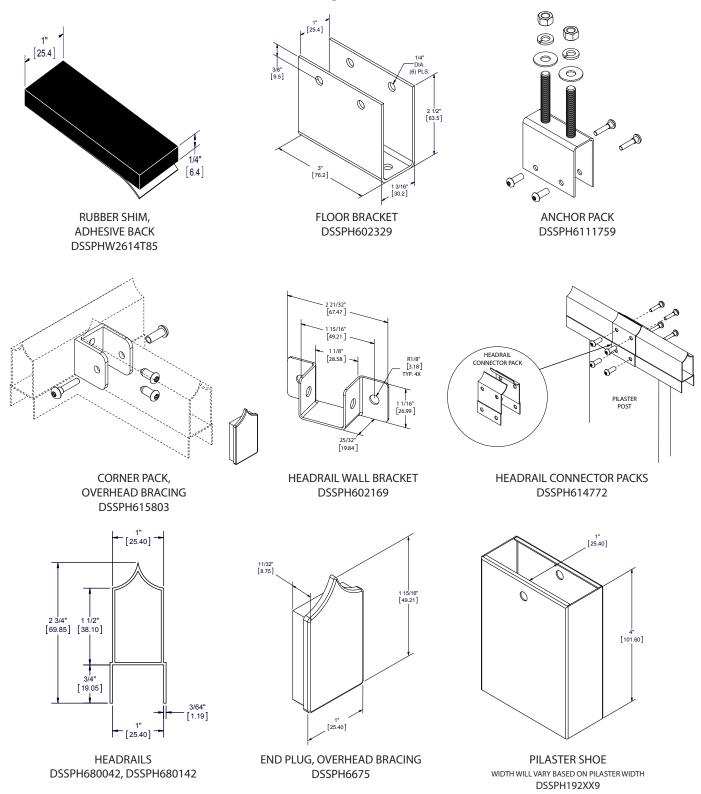
ENDURANT® Washroom Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA



PARTITION HARDWARE - Anchors, Bracing and Shoes



ENDURANT® Washroom Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA

