





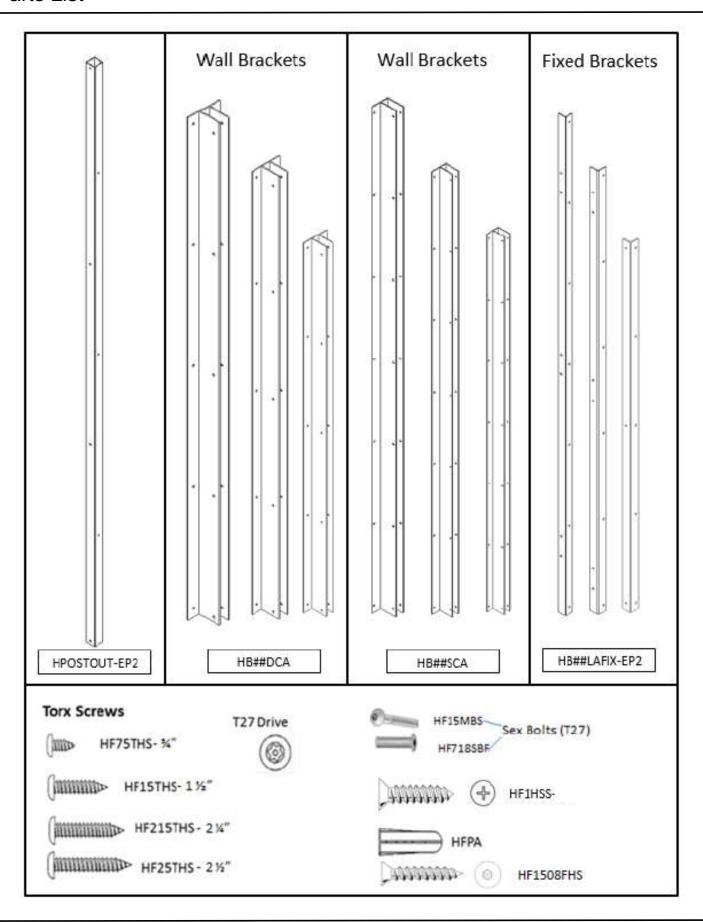
Eclipse Partitions™ Installation Instructions Thank you for purchasing Scranton Products Eclipse Partitions™. If you have questions, comments or issues with the product you received, please contact us:

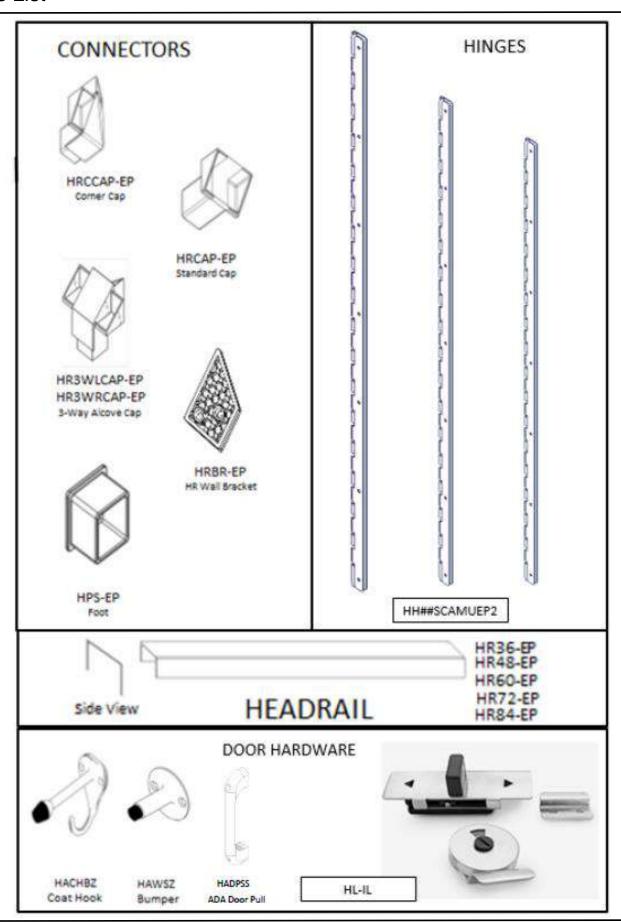


801 East Corey Street Scranton, PA 18505 800.445.5148 (toll free) 800.551.6993 (fax) info@scrantonproducts.com www.scrantonproducts.com

- Please review these instructions completely prior to installation.
- Visit <u>www.scrantonproducts.com/eclipseinstallation/</u> to ensure you are viewing the most current installation instructions, care and maintenance, technical information and more.
- Failure to install Eclipse Partitions™ toilet compartments in accordance with applicable building codes and this Installation Guide may lead to personal injury, effect partition system performance and void the product warranty.

Parts List
Site Preparation
Installation
Wall Brackets
Feet & Posts
Headrail
Side Panels
Filler Panels and Fixed Brackets
Doors and Fixed Panels
Door Hardware
Care & Maintenance
Warranty





Pre-Checks

- Check materials received against pick ticket and layout drawings.
- If parts are missing or product is damaged, contact your dealer.

Material Storage & Handling

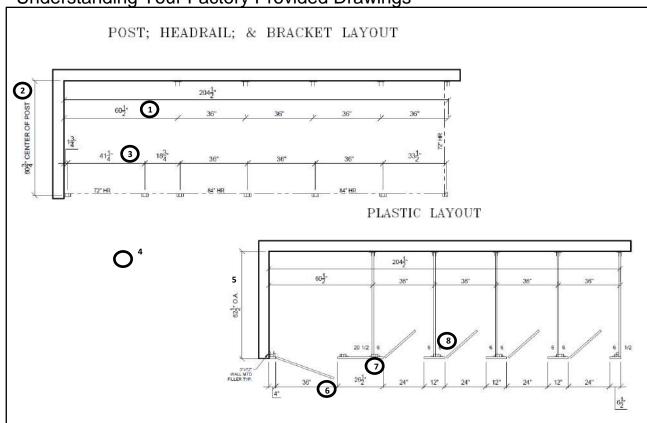
- Lay material flat, do not store against a wall or stack unevenly. This will prevent the material from warping.
- Leave protective masking on until installation is complete to prevent scratches.
- Protect from exposure to direct sunlight. Product is not intended for outdoor use.
- Use care when handling the product with a forklift. Forks can easily damage the material.
- If banding is used, use protective corners to prevent indents from the bands.
- Extreme heat warning: extreme elevation of surface temperature, which exceeds that of normal exposure, can possibly cause the product to melt, sag, warp, discolor, and increase expansion/contraction.
- Excessive construction debris: it is important during construction that the product surfaces stay clear from excessive build-up of dirt, sand, and dust from tile, concrete, or other masonry products.
- Do not use Eclipse Partitions™ toilet compartments as a work surface.
- If build-up does occur, please refer to the Care and Maintenance section of this installation guide for proper cleaning instructions.

TOOLS SUPPLIED by SP

- 3/8" Wooden Dowels
- T27 Torx Bit
- Factory Provided Drawings

ADDITIONAL TOOLS NEEDED

- 5/16" Masonry Bit
- 1/8", 3/16", 1/4" Drill Bits
- T15 Torx Bit
- Level
- Tape Measure
- Framing Square
- Chalk Line (Blue) or Laser Level
- Electric or Battery-Operated Drill
- Spacer Blocks or Adjustable Supports
- Rubber Mallet
- Circular Saw w/ a Metal Blade
- Sharpie Marker/Pen/Pencil (Writing instrument)



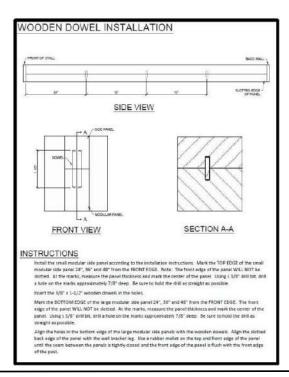
Understanding Your Factory Provided Drawings

- 1. Wall Bracket Dimensions- This dimension will be the centerline for your wall bracket placement. These also indicate the centerline of each panel as well as the width of the stall itself.
- Center of Post- This dimension will mark the centerline to follow to install the feet and posts. The Center of Post will be from the back wall to the center of the posts. (Posts are 1 1/2" square, making the center at 3/4")
- 3. Post Locations- These dimensions will give you the second centerline for your feet and post locations. The first dimension will be measured from a side wall to the center of the first post. After that, each dimension will be from the center of post to the center of the next post.
- 4. H.R. This dimension will indicate the size headrail that is being supplied for each location (12" increments from 36" to 84") These will need to be cut to the specific size required in field.

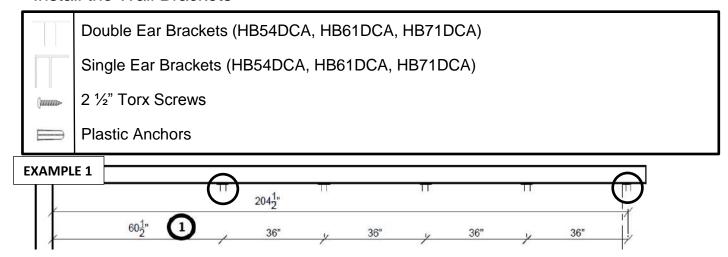
- 5. O.A. This will be the Overall Dimension of your stall depth. This dimension is taken from the back wall to the front face or exterior side of the plastic.
- 6. Door Opening- This dimension will tell you what size space has been allotted for the door. Doors will be 1/8" shorter than your door opening dimension.
- 7. Fixed Panels- This dimension will indicate what size fixed panel you will need to fill the space available.
- 8. Fixed Panel Splits- This dimension will show you the location of the pilaster to the side panels. These are the typical splits you would see on your standard Hiny Hider drawings.
- 9. Your Drawing Packet will also include an Elevation page. This page will be specific to your system height. This sheet also shows the location of the Modular Panels for the 62" and 72" high systems.

In addition to your layout and elevation pages, there will be two additional detail pages included to assist you in your Eclipse install. You will receive an instruction sheet on the installation of the indicator latches, as well as, for our 62" and 72" high systems, we have included a Dowel Installation Instruction Sheet. These Dowels will be used to help align and secure you Modular Panels with the larger Side Panels. Both processes will be outlined in detail later in this manual, but these sheets can be used as a quick reference during installation.

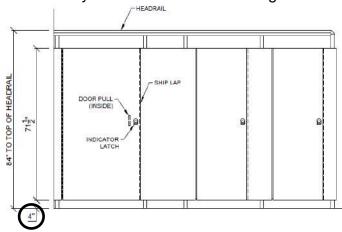




Install the Wall Brackets



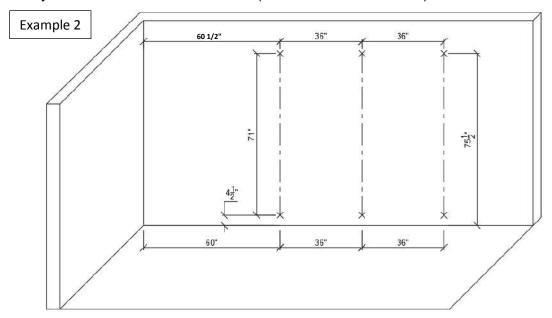
- 1. Referring to your factory provided drawings, locate the layout that refers to placement of the Posts, Headrail and Brackets.
- 2. In the example layout above, the dimension marked "1", will determine the centerline of the stalls. This dimension will also be the centerline location for the brackets. Double Ear brackets will be used on all interior stalls while Single Ear brackets will be used for the outside stalls.
- 3. Refer to the Elevation Page supplied to determine the proper Above Finished Floor (AFF) height for your system. Locate the panel AFF dimension and add a 1/2" to find your Bracket AFF. The height will vary on the system.



For example, for a 71 ½" High Eclipse System the AFF distance for the panels would be 4". With the 1/2" added, your Bracket AFF would be 4 1/2".

- 4. Once this has been determined, you can use your centerline dimensions (1) to begin laying out your brackets. In Example 1, your first dimension would be 60 1/2".
- 5. Then, using your determined AFF, measure up that distance from the floor.

6. The intersection of these two dimensions will be the location of the bottom of your bracket as shown below. (60 1/2" and 4 1/2" AFF)



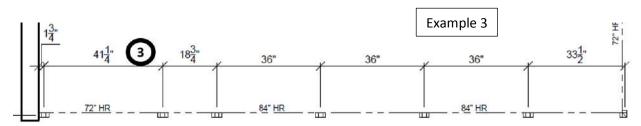
- 7. Add the bracket size to the bracket AFF to find the location for the top of your bracket. Mark the intersection of this dimension and the bracket wall dimension. In Example 2, the top of a 71" bracket at 4 1/2" AFF will be 75 1/2" AFF and 60 1/2" off the side wall.
- 8. Continue this measuring process for the remaining brackets in your system.
- 9. Make sure the bracket is level and mark your hole locations.
- 10. Pre-drill the marked holes using a 5/16" drill bit; insert plastic anchors supplied (HFPA), or appropriate anchors for the wall type present.
- 11. Secure the bracket to the wall using 2-1/2" Torx screws (HF25THS).

NOTE: For panel sizes between the standard sizes of 55", 62" and 72", the next larger bracket will be supplied. These brackets will require field cutting to obtain the proper custom length. Custom length brackets should be cut 1" shorter than the panel height. For example: A 65" panel will receive a 71" bracket that will require field cutting to 64".

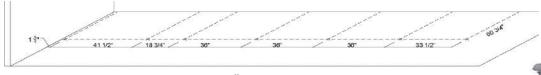


Install the Feet

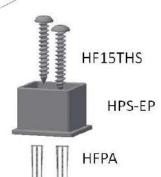
- 1. Refer to your Post, Headrail and Brackets page.
- 2. Locate the "Center of Post" Dimension (2).
- 3. Mark an "X" on the floor from the back wall to this dimension at least twice across the length of your system. (Example 3)
- 4. Snap a chalk-line across your general stall area using these points. This will be used as your intersection point for your next measurements.
- 5. Starting at the side wall, mark your next locations by using the post to post dimensions given (3). (Example 3)



6. Place the center of the foot (HPS-EP) at each of these intersections of 2 and 3 and mark your hole location.



- 7. Pre-drill all holes using a 5/16" masonry drill bit; insert plastic anchors (HFPA).
- 8. Secure feet to the floor using 1-1/2" Torx screws (HF15THS).

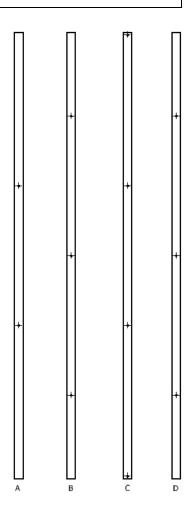


CENTER OF POST

IMPORTANT! Posts are provided with pre-drilled holes for hardware and fastener attachment.

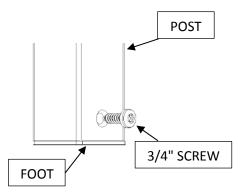
Post (HPOSTOUT-EP2): See the diagram below and review the following hole location descriptions:

- Side "A" Exterior: Two holes for attaching the fixed panels through the posts.
- Side "B" Fixed Panel Holes: Three holes equally spaced along the vertical center line of the post for side panel and fixed bracket attachment.
- Side "C" Interior: Two pre-drilled holes at the top and the bottom of the post for headrail cap and foot attachment. These holes will ALWAYS face the inside of the stall. Also, there are two holes that are used to attach the front fixed panels to the post.
- Side "D" Fixed Panel Holes: Three holes equally spaced along the vertical center line of the post for side panel and fixed bracket attachment.

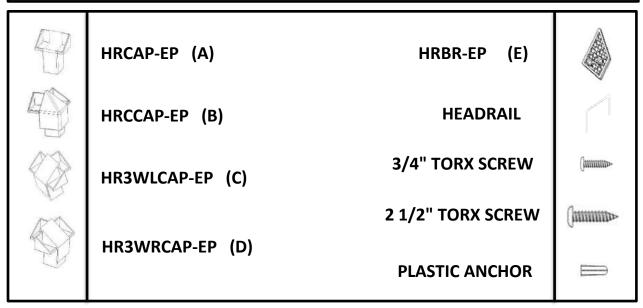


Install the Posts

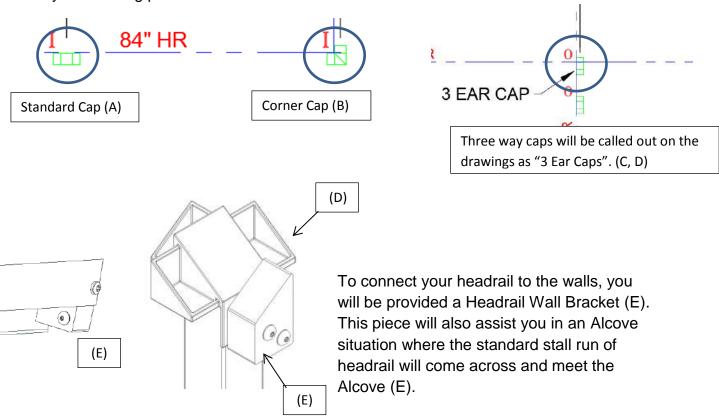
- 1. To install posts, slide the posts over the feet and secure with a 3/4" Torx Screw, through the bottom pre-drilled hole.
- 2. The Predrilled hole on the top and bottom of side "C" for each post will ALWAYS face the interior side of the stall.



Correct headrail installation is crucial to making sure your system is structurally sound. The headrail will ensure your posts are secure and plum. Leveling the headrail is also an important part of this step. Unlike other systems, Eclipse headrail is leveled by using the caps inserted in the top of the posts.



Proper headrail cap placement will be indicated on the Post, Headrail and Bracket Page in your drawing packet.



To install the Headrail:

- 1. Locate the post that is at the highest part of the room.
- 2. Place the appropriate headrail cap all the way into this post. For in-corner systems, be sure to place the Corner Cap all the way down so the skirt surrounds the post.
- 3. Using a laser level, find your mark on the wall and across the room. This line will be used to raise the remaining caps to level the headrail.
- 4. Place the correct caps into each post.
- 5. Please refer to your Post, Headrail and Bracket Layout Page to determine the supplied headrail size for each area (4). In the example below, the first piece of headrail will be 72". These are the general supplied lengths and each piece will have to be cut in field to the exact measurement needed.



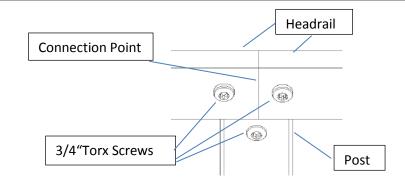
In this example, the measurement for the first piece will be from the left wall to the center of the third post.

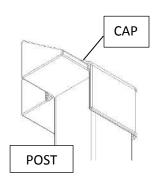
- To get your exact measurement, place the headrail onto the caps and be sure that the headrail is bumped up tight against the wall. Now, while making sure the third post is plum and level, mark a line on the headrail at the center of the post.
- 7. After this piece has been cut, return to the top of the headrail caps.
- 8. Making sure the headrail is flush against the wall, re-align the connecting post and secure using a 3/16" Drill bit and a 3/4" Torx screw.
- 9. Now lift the connecting cap until the headrail is level with your line and secure the cap through the pre-drilled hole of the top of the post.



You will repeat the above steps to install all of the remaining headrail in the straight run. Just be sure that before anything is measured, cut or secured, that all your posts and connections are plum and level.

<u>PLEASE NOTE:</u> Where two pieces of headrail meet, you will need to secure BOTH pieces to the cap.

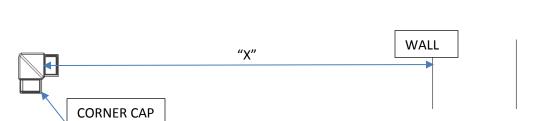


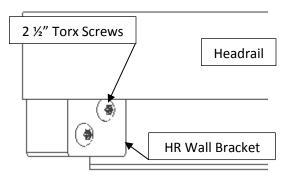


For In-corner systems, you will have to use the corner cap for the return headrail back to the wall. Make sure the skirt of the headrail cap is over the post.

To install the return headrail:

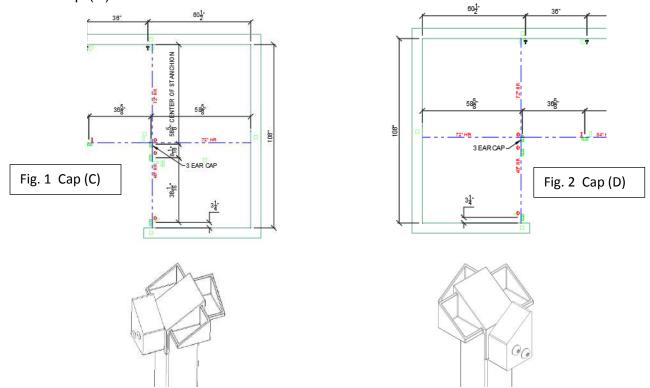
- 1. Measure your headrail from the wall to the corner cap (x).
- 2. Cut your headrail and place over the corner cap.
- 3. Secure the headrail to the corner cap the same as you did for the standard caps.
- 4. Using a framing square, position the headrail so it is at 90 degrees from the straight run.
- 5. Place the HR wall bracket under the headrail and mark your hole locations.
- 6. Secure this wall bracket by drilling 5/16" holes and inserting the provided anchors. Attach the bracket using the 2-1/2" torx screws.



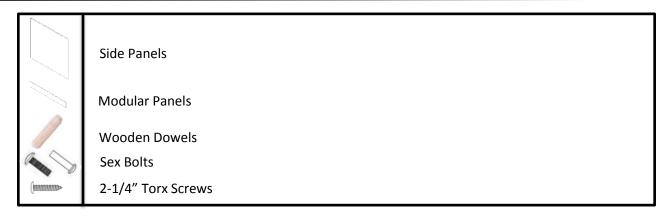


For Alcove situations, you will be using the provided three way caps. To install the three way caps:

1. Identify which three way cap you will need: For right Alcoves (Fig. 1), you will use a left three way cap (C). For left alcoves (fig. 2), you will use a right three way cap (D).

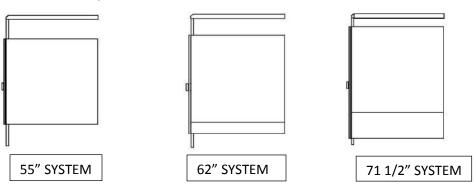


- 2. Once the proper cap has been inserted, continue to level the system as mentioned in the previous steps. You will use the HR Wall Brackets (E) to attach the standard stall HR to the alcove as shown in the figures above.
- 3. Use 3/4" torx screws to secure the caps to the post.
- 4. Attach the HR Wall bracket with 1-1/2" Torx screws through the wall bracket and cap skirt, into the post.



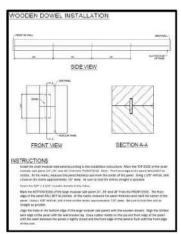
Modular Side Panels

When your panel height exceeds 55", you will receive a modular panel. This panel will make up the difference from the 55" to your desired height. These panels are mounted below the 55" panel.



With your extra high system, you will receive dowels that will assist with lining up the two panels. The following instructions will be included in your factory provided drawing packet.

Dowel Instruction Sheet

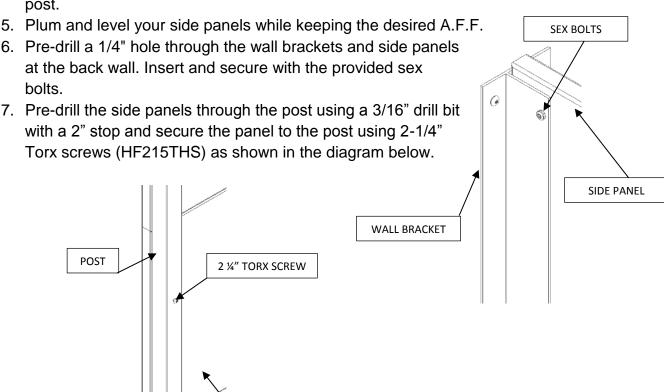


Install the Side Panels

1. If you have modular panels, orient each panel properly and then measure 24", 36", and 48" from the front of the panel. Mark the center of each panel and drill a hole approximately 7/8" deep on both Modular and 55" panels.

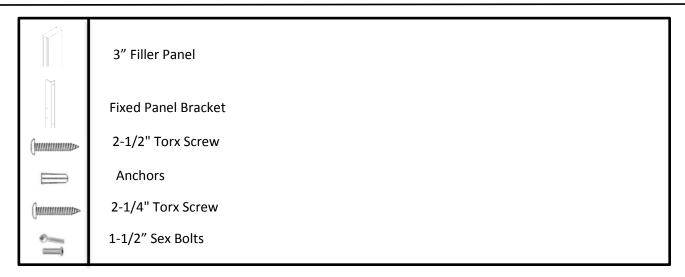


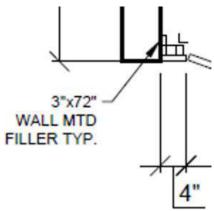
- 2. For 55" high systems, slide the side panel into the wall bracket and allow it to rest on your supports at the proper A.F.F. height.
- 3. If you have modular panels, slide the modular panel into the brackets first and rest on supports at the desired A.F.F. Insert the wooden dowels provided and then mount the 55" panel onto the system in the same fashion, being sure to line up the holes with the dowels and resting the panel directly on top of the Modular panel.
- 4. Be sure your side panel is flush with the front of the exterior side of the stanchion post.



SIDE PANEL

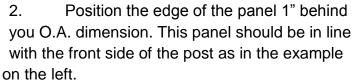
Installation: Filler Panels and Fixed Panel Brackets



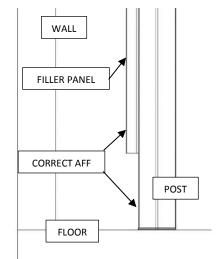


Prior to installing the fixed brackets, all of the filler panels will need to be placed. You can find the locations of the 3" filler panels on your drawings as shown on the left.

1. Once located, place the 3" filler panel at the correct AFF to be in line with the side panels and doors.



- 3. Mark three to four holes on the face of the panel, to the side of the post. Pre-drill these marks with a 3/16" drill bit, making sure to leave a mark on the wall in order to align holes correctly.
- 4. Remove the panel and now drill the wall at the marks with the 5/16" drill bit. Insert plastic anchors.
- 5. Replace the panel and secure to the wall with 2-1/2" Torx screws, as shown on the right.



2-1/2" TORX

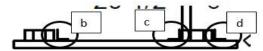
POST

FILLER PANEL

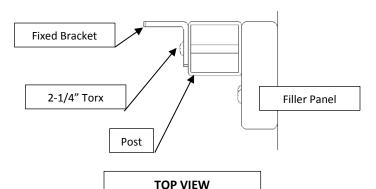
Installation: Filler Panels and Fixed Panel Brackets

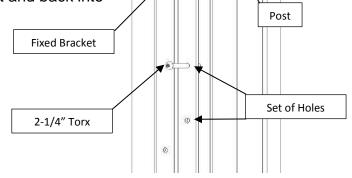
1. Refer to factory provided drawings for locations of you fixed panel brackets as shown in the picture above.



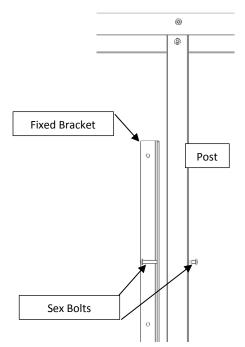


2. a) For brackets going through posts at the filler panels: using the leg of the bracket that features three sets of two holes, align bracket with the pre-drilled holes in the side of the posts. If you have previously installed 2-1/4" torx screws through the post into the filler panel, temporarily remove and re-secure through the bracket and back into the post and filler panel.

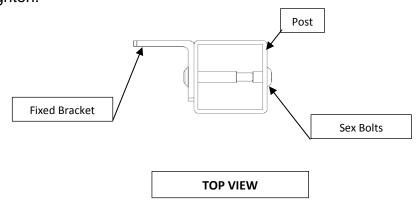


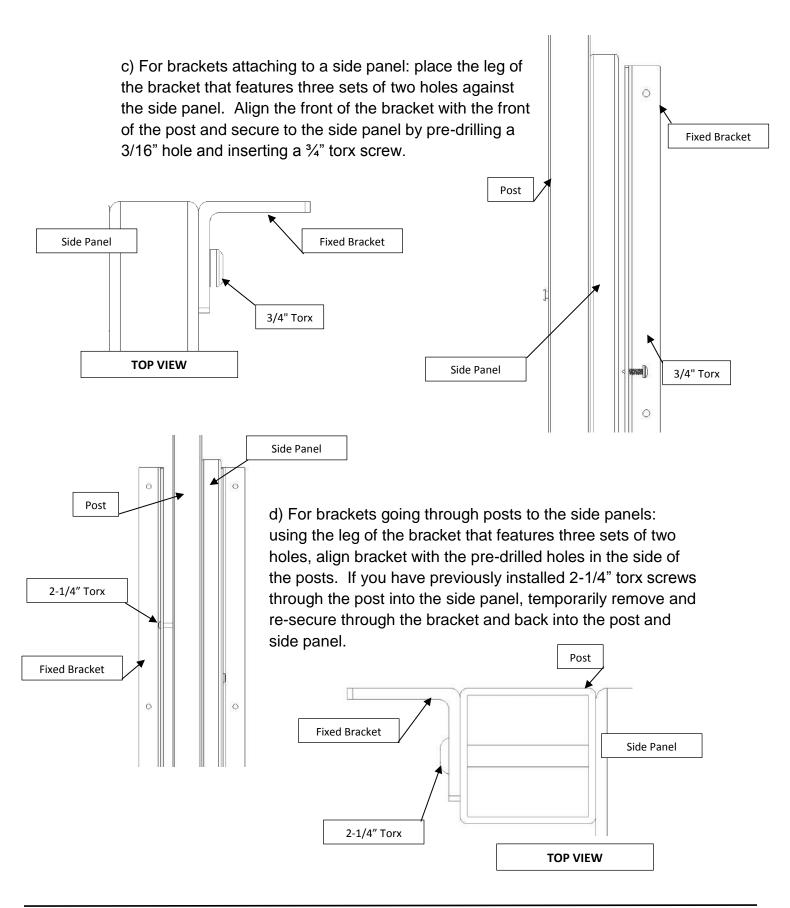


Filler Panel

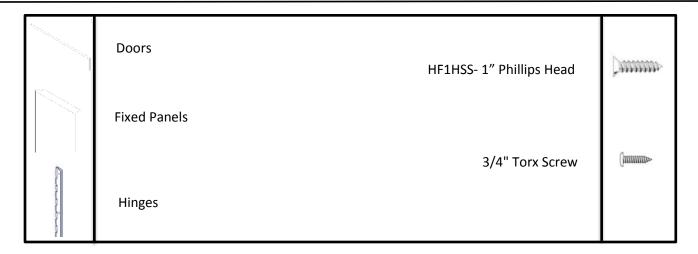


b) For brackets going into posts with no side panels: using the leg of the bracket that features three sets of two holes, align brackets with the pre-drilled holes in the side of the posts. With the provided 1-1/2" sex bolts, secure the brackets to the post and tighten.





Installation: Doors and Fixed Panels



To install the fixed panels and doors, choose a starting point at either a wall or an alcove panel. Be sure to work your way across the system from this start point, alternating doors and panels, until you have reached the other side. This will help keep everything level and maintain the proper gapping between the doors and fixed panels.

- 1. Bump the first piece of plastic up against the wall and maintain the required aff as specified on your elevation page. (A)
- 2. Secure the fixed panel to the bracket using 3/4" torx screws. (B)

3. Secure the post to the fixed panel by inserting 2 1/4" torx screws through the pre-drilled holes in the back of the post. (C)

B

Post

C

Fille

A

A

A

A

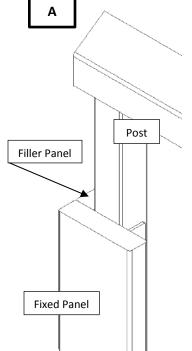
A

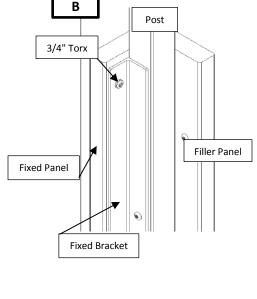
B

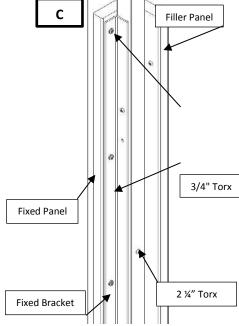
Post

C

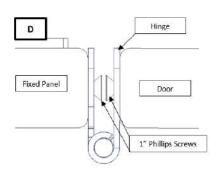
Fille







THE ECLIPSE 2 HINGE WILL BE <u>EDGE MOUNTED</u>. IF THIS HINGE IS FACE-MOUNTED IT WILL NOT FUNCTION PROPERLY!!



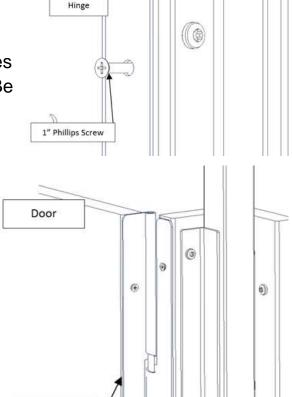
- 4. Next you will install the edge mounted Helix Hinge. This will be installed in between the fixed panel and the door, as shown in **D**. The screws are shown protruded for visual purposes but will be fastened tightly during the install.
- 5. There is only one universal hinge used in this system. For outswing doors, the knuckles will be

on the outside. For inswing, the knuckles will be on the inside of the stall.

- 6. Place one leg of the hinge centered on the 1" edge of the fixed panel, making sure the front of the leg is flush with the face of the panel.
- 7. While holding the hinge in place, drill 1/8" pilot holes into the center of the screw holes and insert the #8 1" Philips head screws. Be sure to drill straight into the edge of the plastic so the screw will not pop out or bubble the face of the plastic.
- 8. Continue this process down the entire leg of the hinge.
- Next you will bring the first door to be mounted up to the hinge. Due to the edge mounting, you will need to attach the door in the open position.
- 10. Place spacer blocks under the door.

 Make sure the door is 1/8"-1/4" HIGHER than the hinging fixed panel. This is will account for the gravity feature of the hinge and allow the door to be EVEN

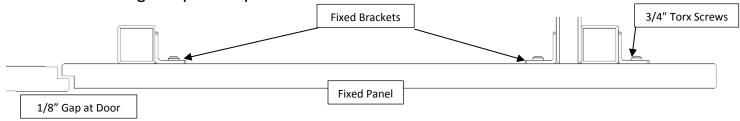
with the fixed panel when the door comes to a close.



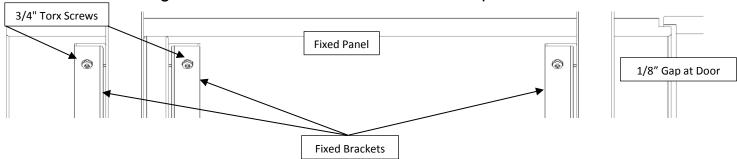
Hinge

Installation: Doors and Fixed Panels

- 11. Secure the door to the hinge using the same method listed above.
- , 26½" (7)
- 12. Identify the next size fixed panel from your layout drawings (7).
- 13. Bring the panel up to the fixed brackets installed earlier.



- 14. Maintain at least an 1/8" gap between the previously installed door and this fixed panel. Make sure the panel is also level with the top of the door and the first fixed panel.
- 15. Secure the panel through the fixed bracket by pre-drilling a 3/16" hole and fasting a 3/4" torx screw into the back of the plastic.



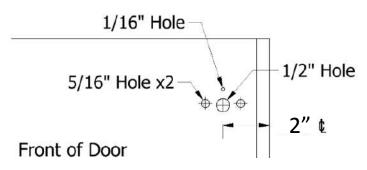
16. Continue alternating between doors, hinges and fixed panels all the way across the system until the entire run is installed.

Install the Door Hardware

BEFORE INSTALLING THE INDICATOR LATCH, MAKE SURE 2" AWAY FROM THE EDGE OF THE DOOR IS FAR ENOUGH SO THAT THE SLIDE LATCH CAN FULLY ROTATE.

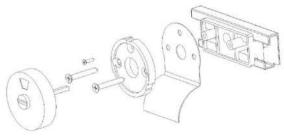
Installing Indicator Latch

 Place Template sticker on door with the center of the largest hole being approximately 2" from the edge of the door. Smaller stalls and ambulatory stalls may need to be moved farther away than 2" from the edge. Be sure to double check before drilling any holes. The AFF will be determined by your local



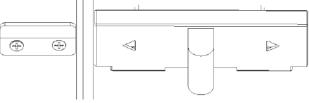
ADA codes. With template in place drill holes completely through the door with the correct sized bits (1/2" & 5/16"). On fire rated material it is strongly recommended to use a smaller bit for starter holes which will make process easier.

2. While holding the handle behind the round, black, plastic attachment piece, use the longer countersunk screws provided to secure them through the door and into the black plastic holes in the slide latch on the other side.



- 3. Drill a small hole into the top screw hole in the front facing round black piece and secure with the small countersunk screw.
- 4. Place the square pin into the back of the indicator circle and be sure the Red indication color is in the proper position to appear when the latch is in the closed position.
- 5. Slide the square pin through the large center hole and into the slide latch on the other side.
- 6. Make sure the indicator circle is secured with the small tabs over the black plastic piece.
- 7. With the remaining two screws, place the keeper on the adjacent surface and position so that the slide latch can engage once it has rotated the indication

the door.



into the red position on the front of

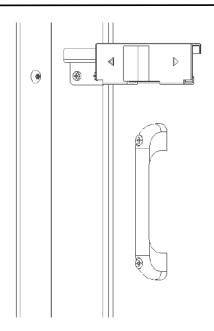
Install ADA Door Pull

Step 1: Place door pull at desired location above the finished floor according to state and local codes.

Step 2: Pre-drill holes with 1/8" bit.

Step 3: Secure to door with 1-1/2" #8 countersunk screws with a T15 bit.

Door Pull is NOT through bolted.



Install Coat Hook and Bumper

Step 1: Locate proper positioning as described below. Drill 1/8" pilot holes with 1/2" stop and secure with #10-5/8" one-way screws.

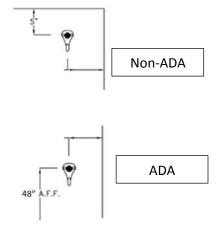
Step 2: Coat Hook, Non-ADA Doors: 5" down in upper corner opposite hinge on door interior.

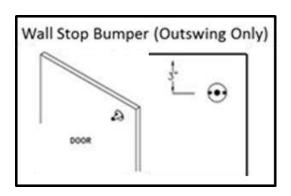
Step 3: Coat Hook, ADA Doors: Max height of 48" a.f.f., centered on door interior.

Step 4: Wall Stop Bumper (Outswing Doors Only): 3" down in upper corner opposite hinge on door exterior.

Coat Hooks - ADA CODE 308.2.1

Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground. Scranton Products recommends checking with state and local codes to ensure ADA compliances.





How to Remove Dirt and Residue

- Remove dirt by using water from an ordinary garden hose.
 - Wet the entire surface of panels and doors with the garden hose
 - Wipe clean with a non-abrasive cloth or sponge
- Remove glue or stickers by using mineral spirits or acetone
 - Caution: these chemicals may harm hardware finish upon contact. Use on solid plastic components only.
- For stubborn stains or residue, equip the garden hose with a pressure nozzle or use one of the following cleaning solutions:
 - o 1/2 cup of household detergent, 2/3 cup of trisodium phosphate and 1 gallon of water
 - O Any industrial strength, non-abrasive cleaner. Always read the cleaning product manufacturers specific information before using any product on your Eclipse Partitions™ toilet compartments and follow their instructions. It is also good practice to test the cleaner in an inconspicuous area to make sure it does not harm the surface.

How to Remove Graffiti

- Remove graffiti by using common graffiti removers such as Motsenbocker's Lift Off Spray Paint Graffiti Remover or Goof Off Professional Strength Graffiti Remover
 - Wet the affected area completely
 - Let stand for 3-5 minutes
 - Wipe with a clean non-abrasive cloth or sponge
 - Repeat as needed until graffiti is completely removed

How to Repair Cuts and Scratches

- Burnish the surface with a smooth, round object
 - o Apply pressure to the cut or scratched surface with a spoon or screwdriver handle
 - Burnish with a blow dryer or heat gun. Caution: When using a heat gun, do not come in direct contact with the plastic surface and do not overheat the plastic material.

How to Give Your Eclipse Partitions™ a Like-New Appearance

 Spray the surface of panels and doors with silicone to give a like new, bright and glossy appearance

These guidelines may not cover every care and maintenance scenario encountered. For additional questions about care and maintenance, call Scranton Products Customer Service at (800) 445.5148.

Warranty

Scranton Products Eclipse Partitions[™], hereinafter "warranted products", are warranted by the manufacturer to a corporation or other commercial entity which purchases the partitions and lockers for use in the conduct of its business to be free from defects in material and workmanship that (i) occur as a direct result of the manufacturing process; (ii) occur under normal use and service; (iii) occur during the warranty period; and (iv) result in breakage or delamination.

The limited warranty period is 25 years.

The limited warranty is subject to the following conditions:

- The warranted products have been installed in accordance with the manufacturer's written instructions and drawings (as contained in the instruction sheet supplied with the order).
- The limited warranty is effective only with regard to the original installation of the warranted products and not to any subsequent installation that has altered the warranted product without the consent of the manufacturer.
- The limited warranty shall not be applicable if the defect in the warranted product has resulted from any failure or defect in the building or substructure to which the warranted product is attached (including but not limited to settling, shifting, distorting, or movement of the walls or foundation of the structure), extraordinary wear and tear, violent action of the elements (such as sunlight, lightening, hurricane, tornado, or hail), vandalism, misuse, neglect, or improper handling of the warranted product, during or after installation, or improper or insufficient ventilation of the building to which the warranted product is attached.

Please visit our company website at www.scrantonproducts.com for a complete Warranty statement.