

INSTALLATION INSTRUCTIONS – CAMLOCK PANELS

Floor Panels:

If the walk-in you are installing does not come with a prefabricated floor, skip this section.

Lay out the outside dimensions of the prefabricated floor with a chalk line. We recommend a 2" air space from any building walls. The entire prefabricated floor must be level. If the existing surface is not level, wooden shims (provided by the installer) are commonly used to accomplish this.

Run a bead of caulking on both sides of the camlocks the full length of the floor panels before camlocking the floor panels together. As you lock the floor panels together keep checking to make sure they are level.

Wall Panels: ("B")

If no prefabricated floor is supplied, mark the outside dimensions of the walk-in with a chalk line on the surface being used. We recommend a 2" air space from any building walls. The 16 gauge 3/4" x 3/4" metal screed is typically secured to the floor with Hilti Drive Pin 1" long #X-ZF 32P8 or equal @ 23" on center max. The wall panels have a groove at the bottom of each panel that the vertical portion of the metal screed slides into. Install the metal screed at half the thickness of the wall panels. The vertical portion of the angle needs to be facing towards the inside of the room and should be in from the chalk line half the thickness of the wall panel. Stop the screed 12" from each corner and at the door sections. From the inside of the room, the wall is then secured to the 16 gauge 3/4" x 3/4" metal screed with #14 x 3" Hex Washer Tex Screw @ 23" on center max.

("A")

If a prefabricated floor is supplied, the 16 gauge 3/4" x 3/4" metal screed is to be secured to the floor with #12 x 1" self-tapping sheet metal screws @ 12" on center max. The wall panels have a groove at the bottom of each panel that the vertical portion of the metal screed slides into. Install the metal screed at half the thickness of the wall panels. The vertical portion of the angle needs to be facing towards the inside of the room and should be in from the chalk line half the thickness of the wall panel. Stop the screed 12" from each corner and at the door sections. From the inside of the room the wall is then secured to the 16 gauge 3/4" x 3/4" metal screed with #14 x 3" Hex Washer Tex Screws @ 23" on center max.

Note: To assure you have a perfect 90 degree corner, measure in one direction 3 feet and in the other direction measure 4 feet. Then measure diagonally across these two points you should have 5 feet.

After installing the metal screed, place a bead of caulking on both sides of the metal screed. After you install the first wall panel, run a bead of caulking on both sides of the camlocks the full height of the wall panels before camlocking the remainder of the wall panels together. As you lock the wall panels together keep checking to make sure they are level. The entire installation must be level.

ALTERNATE WALL TO FLOOR CONNECTION; (“C”)

This is an alternate method of securing the wall to floor surface in lieu of the method listed above.

At times, a 1-1/2” x 1-1/2” x 16 gauge continuous angle will be supplied as a base connection on the interior, and exterior of the enclosure. This angle is to be secured to the floor with Hilti Drive Pin 1” long #X-ZF 32P8 or equal @ 23” on center max. Secure the base angle to the wall panel with #8 Tek Screw fasteners at 12” on center. Run a bead of caulking along the wall before installing the angle.

DOOR SECTION:

Door and door section panels attach to adjacent wall panels using the camlocks. If the door plug needs to be removed from the door section for installation purposes, remove fasteners from hinge at door section and lift off the door. Reinstall door plug into door section to complete installation.

Ceiling Panels Lagged Down:

On the top of the wall panels, horizontal plane, run a bead of caulking on the front and back. Align the ceiling panels to the edge of the wall panels. Before locking any of the ceiling panels together run a bead of caulking on both sides of the camlocks the full length of the ceiling panels. After the ceiling panels are locked together, run a 3/8” lag screw with flat washer, through the ceiling into the top of the wall panel @ 23” on center max until the gasket seals tight. Ceiling panels are pre-drilled for lag bolts.

Ceiling Panels Camlock:

On the top of the wall panels, horizontal plane, run a bead of caulking on the front and back of the camlock. Align the ceiling panels to the edge of the wall panels. Before locking any of the ceiling panels together run a bead of caulking on both sides of the camlocks the full length of the ceiling panels. After the ceiling panels are locked together, lock the ceiling panels to the wall panels.

Finish Trim:

Once you have finished installing the wall, ceiling and floor panels you are now ready to install the finishing trim. On the exterior of the walk-in at the top of the wall panels where there is exposed wood from the end of the ceiling panels you need to attach the "top cap". This is a piece of metal that is 5-1/2" to 7-1/2" wide with a 90 degree bend on one side and a hemmed edge on the other side. You attach this metal with #8 x 5/8" Phillips Pan Head Tek Screw @ 24" on center max.

Securing the door section to floor. To do this you will use the 1-1/2" x 1-1/2" x 6" long 16 GA stainless steel angle that came with the box. Attach these angles on the interior side, at the bottom of the door section. To secure the angles, use Hilti Drive Pin 1" long #X-ZF 32P8 or equal if installing to concrete, and #12 x 1" self-tapping sheet metal screw if installing to a prefabricated floor panel. Before installing the angles, run a bead of caulking along the bottom of the wall.

Install the cove base that goes along the bottom of the wall panels on the interior and the exterior of the walk-in. This is a 6" piece of metal with a 1/2" hemmed edge on one end and a 1" bend at the other end. The smaller of the two bends faces upwards. The cove base is attached using #8 x 5/8" Phillips Pan Head Tek Screws @ 24" on center max. Before installing the cove base, run a bead of caulking along the bottom of the wall.

Use the cap plugs that were sent with the walk-in and plug up all of the camlock holes.

Note: If the walk-in is being installed adjacent to a building wall, use the 7-1/2" top cap material to close off the area between the building wall and the walk-in. Turn the top cap vertically and attach it to the corner of the wall extending past the opening and butting up against the building wall. Use the same screws as you did with the top cap.

TOUCH UP PAINT:

Panel installer to touch up all exposed field cut edges with touch up paint.

CLEANING AND MAINTENANCE OF PANELS:

Proper installation and maintenance are extremely important in obtaining the best service and appearance from pre-painted metal panels. All dirt, oil, fingerprints or other possible contaminants should be removed after installation to assure proper life of the paint film.

In many cases, a simple washing of the panels with plain water using light pressure spray will adequately clean the panels. In areas of heavy dirt deposits, a solution of water and detergent (1/3 cup of detergent per gallon of water) may be used with a rag, sponge or soft bristle brush. A clear water rinse should follow.