



## **Installation Instructions**

Materials needed:

- Proflex barrier system components: Doors, Wall panels, Flexi-hinges, Mini-clamps, Coping panels, and Tee connectors
- Measuring tape
- Level
- Small step ladder
- Tee handled hex wrench 5/32"
- Coping saw
- Painter's tape

### **Determine the layout of the barrier system**

Before beginning the installation, it's important to determine the layout of the barrier system and which direction to orient the walls: with the sliding panels facing the workspace **or** with the sliding panels facing the clean side where the public is. This will determine the type of corners that will be used and way the doors swing. Use a measuring tape to measure the area where the barrier will be installed and mark the approximate locations for the panels, doors, corners, etc.

### **Install the first panel**

Start by installing the first panel, typically perpendicular to a wall. If the wall has trim, chair rails or conduit that would prevent the panel from mating tight to the wall, use a **coping panel** to create a tight fit up against the wall. Use a coping saw to cut the coping panel to match the irregular profile of the wall. Slide the coping panel into the edge slot of the panel and use painter's tape to seal the coping panel to the wall of the building if needed.

Place the bottom of the panel on the clean floor. Loosen the locking knobs on the sliding panel and slide it upward until it meets the ceiling. Tighten the locking knobs. Make sure the panel is plumb before proceeding. Use Proflex tee connectors to secure the top of the panel to the ceiling grid. Attach a tee connector to the top of each panel and use the supplied screws with black knobs to secure the connector in place. Make sure each panel is securely attached to the ceiling grid before proceeding.

### **Install the remaining panels**

Continue to attach the remaining panels to the previous panels using the same method used to install the first panel. Use tee connectors to secure the top of the panel to the ceiling grid. Use 4 mini-clamps per joint to secure the panels to each other. Tighten the mini-clamps with the tee handled hex wrench. Make sure each panel is level before proceeding.



### **Corners / Angles**

Where a **90 degree outside corner** is required, stand the 2 wall panels at 90 degrees to each other with the sliders both facing outward and secure them together with 2 mini-clamps. There will be a gap at the top of the corner that is filled with the 2533 outside corner post and 4 more mini-clamps.

Where a **90 degree inside corner** is required, stand the 2 wall panels at 90 degrees to each other with the sliders both facing inward. There will be a gap at the bottom of the corner that is filled with the 2500 inside corner post, secure the inside corner post with 4 more mini-clamps.

If an angle other than 90 degrees is required, install a **Flexi-hinge** at the appropriate location. Attach the Flexi-hinge to the adjacent panels using 8 mini-clamps. Now move the panels to the desired angle for your layout.

### **Installing a door**

Doors are shipped flat. Using the provided hardware, screw the doorknob and hydraulic closer (if applicable) in place. An extension panel is provided for higher ceiling heights up to 10'2". Install the extension panel to the door, if needed. Installation of the extension panel is made easier with the wall lying flat. Slide the tabs of the extension panel into the upper slots of the door's sliding panel and tighten.

Install a door at the desired location in the same way as the wall panels. Place the bottom of the door panel on the clean floor. Make sure the door frame is plumb before proceeding. Adjust by loosening one of the clamp screws at the base of the doorframe and lift the doorframe up slightly from the threshold and re-tighten the clamp screw. Re-check for plumb.

Loosen the black locking knobs on the sliding panel and slide it upward until it meets the ceiling. Tighten the locking knobs. Use Proflex tee connectors to secure the top of the panel to the ceiling grid using the supplied black thumb screws.

### **Add finishing touches**

To complete the installation, connect your HEPA filter unit and ductwork to the 8" porthole. You may need to add tacky mats to the door entry and exits. Cover any holes or gaps with painter's tape.

### **Clean up**

Once the installation is complete, remove any excess materials and debris from the workspace. Dispose of any unused materials properly and in accordance with local regulations.



## **Proflex Barrier System Removal Manual**

### **Remove all contents of the barrier system**

Before beginning the removal process, remove all contents from inside the workspace. This includes HEPA filter units, ductwork, and any other equipment, tools or materials that may be inside the workspace.

### **Clean the workspace**

After all components have been removed, clean the workspace thoroughly. Vacuum or sweep the floor, walls, and ceiling to remove any dust or debris. Wipe down any surfaces with a clean cloth or mild cleaning solution if necessary.

### **Remove the wall panels, doors and corners**

First remove the tee connectors from the first panel by removing the screw with black knob. Next, loosen the locking knobs and lower the sliding panel. Use the tee handled hex wrench to loosen and remove the mini-clamps that secure each wall panel. Work your way from one end of the system to the other until all wall panels are removed. Work on one panel at a time. It's possible for one person to do the job, but having a helper is best.

### **Remove the doors**

Remove the doors just like the wall panels above. When transporting the doors, be sure to orient the assembly with the hinges at the top with the door hanging downward to avoid trouble with sudden unexpected opening. Remove the doorknob and hydraulic closer for easier storage.

### **Remove the coping panels**

To remove the coping panel, remove the painter's tape that secures the coping panel to the wall. Slide the coping panel out of the edge slot of the wall panel and save it for the next job.

### **Maintenance and inspections**

To ensure the effectiveness of the Proflex Barrier System, check all components regularly for loose fasteners, damage, or other issues. Repair or replace any damaged components as needed to maintain the integrity of the barrier system.

By following these installation instructions and properly maintaining the Proflex Barrier System, you can create a safe and secure workspace that helps protect workers and the public from airborne contaminants and construction dust.

If you have any questions, please contact us at 215 322-2205 or [info@proflexbarrier.com](mailto:info@proflexbarrier.com)