



COMMERCIAL DOOR INSTALLATION

- 1- Prepare the door rough-opening, removing any protruding building materials and providing a smooth, clean, and level surface to mount the Flood Door Frame assembly to.
- 2- Set the Hollow Metal Frame in place (plumb and level) and mark frame edges of the rough-opening surface after proper alignment for visible accuracy checks during the anchor drilling process (shim as required). Use Hydraulic Cement between the frame and the rough-opening substrate surface to infill cracks and irregularity $\frac{3}{16}$ " and larger.
- 3- Drill anchor holes through the Hollow Metal Frame—6" o.c. within the flood zone and 12" o.c. thereafter, and clean debris from the installation site as needed.
- 4- Remove the staged Hollow Metal Frame from the rough-opening and apply sealant (provided) continuously along both anchor flanges on the backside of the frame and along the bottom of the steel door sill. It is advisable to tape the surface areas adjacent to the frame along the walls and floor so residue from sealant seepage does not deface the adjacent surface areas during the installation process.
- 5- Once the Hollow Metal Frame has been repositioned in the opening with sealants in place, check the assembly for plumb and level conditions and make adjustments as necessary.
- 6- Anchor the Hollow Metal Frame into the sealed rough-opening using 4" expansion anchor bolts a minimum of 4" in length.
- 7- Install the Floor Door on the frame assembly by simply dropping the washer and hinge-pins into their hinge counterparts located on the Hollow Metal Frame. Check for proper swing and closing/gasket sealing operation.
- 8- Install door hardware as required, with dry-testing of the gasket sealing performed by inserting a sheet of clean paper to various locations along the sill and jamb and closing the door, thus sandwiching the paper between the frame/sill and the flood door. The paper should be snug when pulled from the inside with the door in the closed position. Perform the procedure around the perimeter of the door, making certain the gasket within the flood zone is tight and secure.
- 9- Surface seal the perimeter joint of the Hollow Metal Frame and sill to the rough-opening surfaces using sealants provided.
- 10- Finish—paint the Flood Door Assembly. Do not allow wet paint to touch (come in contact) the gasket. Door must remain in the open position until the painted areas that will make contact with the rubber gasket are thoroughly dry!
- 11- Grease all grease-fittings on hinges and remove any residue from the hinge areas after completion of the lubrication process.

