

HARDWARE PREP & INSTALL GUIDE

Hollow Metal Replacement FRP Door

IMPORTANT: Read all instructions before beginning installation.

The Hardware Prep and Install Guide is provided to help alleviate issues with hardware prep, hardware attachment and painting problems caused by most common errors. This Hardware Prep and Install Guide references reinforcement locations, finish recommendation and lock pocket details. This is not intended to be a step-by-step, foolproof checklist suitable for every situation. **Failure to follow good practice in hardware prep, door finish or door installation will void the warranty.** Any questions about the prep, installation or hardware function should be directed to your HMR-FRP Door Distributor.



Scan to visit the HMR-FRP Door page for videos and more:



PAINTING

1. The HMR-FRP Door does not require painting. If you wish to customize the appearance with paint: Consult with your paint supplier for the best type of primer and/or paint to use for painting fiberglass and anodized aluminum. Follow all paint manufacturers' instructions for prepping and painting. Lightly scuff the entire surface of the door that is to be painted. Be sure to clean any contaminants from the surface prior to painting, make sure that the surface of the door is clean and dry.

LOCK POCKET PREP INSTRUCTIONS

2. To prep for cylindrical locks, mortise locks and deadbolts, please follow this procedure:
See Figure A (page 2)
 - A. Remove the lock pocket cover plate on the edge of the door. Locate the additional screws that have been stuck into the foam in the pocket. These screws will be needed to secure the cover plate to the lock clips once the latch mechanism/lock body is attached to the latch clips. At this time slide three (3) of the lock clips to the top of the lock pocket and leave one (1) at the bottom.
 - B. Determine the centerline of the lock and mark the face of the door and the edge of the lock pocket.
 - C. Prep the face of the door for the cylindrical lock/deadbolt or mortise lock function holes using the manufacturing templates supplied with the device. If you are installing a mortise lock you will need to remove some of the foam to provide space for the lock body to slide into place. If you are installing a cylindrical lock or a deadbolt you will drill a hole through the foam for the latch bolt.

LOCK POCKET PREP INSTRUCTIONS CONTINUED

D. Install locking hardware into the prepared cavity and slide a clip up to the bottom of latch bolt/lock body and down to the top of the latch bolt/lock body. Make sure the prepped holes are properly aligned with hardware. If needed, use shims to adjust the depth into the cavity. When aligned, use a #25 bit to drill a hole in the clip and use the supplied screws from the foam to fasten hardware.

E. Measure from the top of the lock pocket cut-out to the top of the latch bolt/lock body and transfer that measurement to the lock pocket cover measuring down from one end of the lock cover. Cut the lock pocket cover at that mark and attach using one screw removed earlier from the cover. Attach the cover at the top to the clip mounted to the door rail. Drill a 5/32" hole in the other end of the lock pocket cover and the lock clip that is attached to the latch bolt/lock body, countersink the cover plate and attach cover to the clip. Do the same for the bottom cover. Be sure not to cut the end that has the countersink hole for attaching to the clip in the door rail.

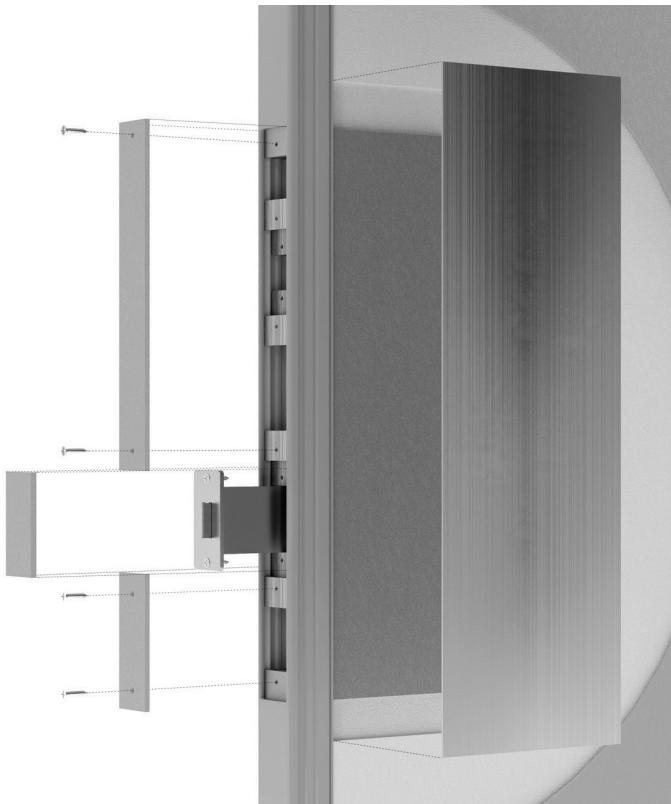


FIGURE A

HINGES, CLOSERS, EXIT DEVICES, & CUT OUTS FOR LITES AND LOUVERS

- 3. Hinges:** Find the Engraved ID on the top of the door and refer to Figure B to mark the hinge stile. The 1/8" thick aluminum stile must be drilled and tapped before installing any hinge fasteners. It was designed for a continuous gear hinge supplied by Special-Lite (in stock: SL-11HD; standard lead time: SL-24HD, SL-52HD, SL-53HD) or by others.

Closers: Refer to Figure B to identify the reinforcements located below the Engraved ID. All fasteners must be drilled and tapped into the reinforcement when installing closers.

Exit Devices: Use the Engraved ID in Figure B to identify the strike and hinge stile before installing the device. Exit Devices can be through bolted or surface applied. For surface applied exit devices, the reinforcements must be drilled and tapped for machine screws.

IMPORTANT: DO NOT USE self drilling/tapping sheet metal screws. DO NOT cut into the aluminum perimeter (stiles and rails) of the door that run 1.695" in off of each edge indicated by the dash lines. This will void the warranty.

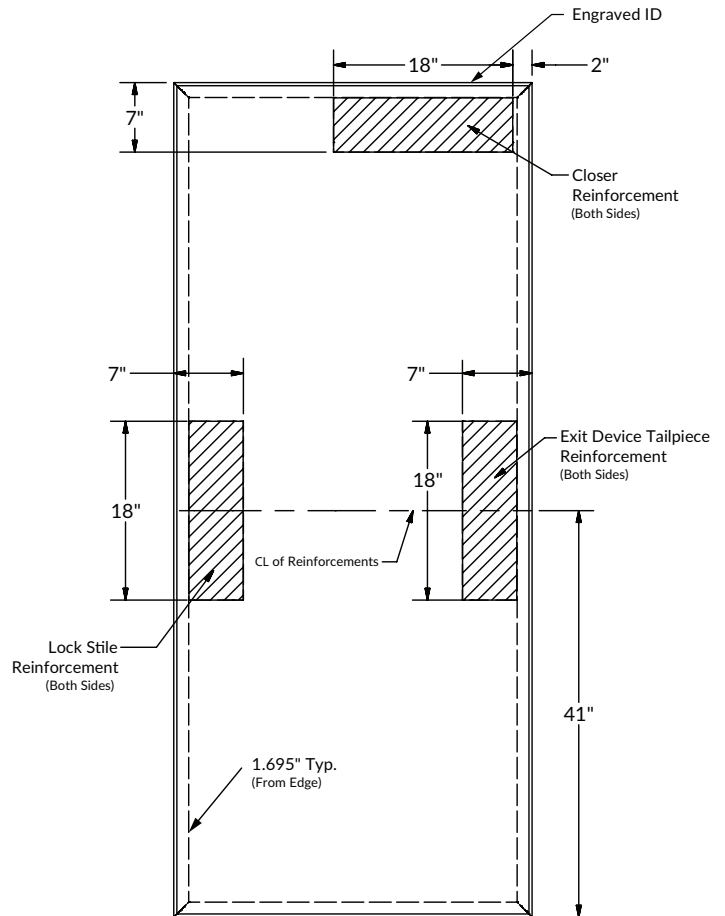


FIGURE B

