



SUPPLEMENT TO INSTALLATION INSTRUCTIONS

AF-150 Framing with Aluminum Reinforcements

Installation of doors with continuous hinge

NOTE: Use only the self-drilling screws provided. **Do not use machine screws, self tapping or combination screws!** Hinge screws are best installed with a 5/32" drill bit that has an adjustable clutch set at the lowest setting to seat the screw. Do not use 1" machine screws.

- If the hinge needs to be prepped in the field, use the hinge manufacturer's recommendations and pre-drill the screw holes with a 5/32" drill bit.
- Using a # 3 Phillips power bit, drive the screw in part way. Then reverse all the way out and repeat until screw is seated all the way. This may take 2-3 cycles. Remember you are creating a threaded hole in the fiberglass reinforcement.
- Hang door(s) in frame with 3 screws in hinge jamb-one at top, middle, and bottom.
- Close door and check for Special-Lite recommended clearances:
1/8" at strike jamb on single doors
1/4" at meeting stiles
1/8" at head. Adjust as needed

NOTE: Shimming behind hinges and adjusting the frame may be required to maintain the recommended clearances.

Install remaining hinge screws in frame.

Hinge Reinforcements

- Use 1-1/4" inch self-drilling screw that Special-Lite provided (shown to the right).
 - If the hinge is preinstalled on the door, screws will be provided in a bag attached to the door.
 - Follow hinge manufacturer instructions to complete installation of the hinge

Closer Installation to frame (with 1/4" aluminum Reinforcement)

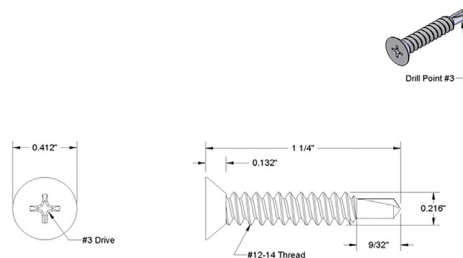
- Installer should drill and tap to install closer shoe in frame.
- Use 1/4 20 thread machine screws.

Strike Installation to frame (no aluminum reinforcement)

- Follow "All-Fiberglass Series Frame" Instructions.
- Use Wood Screws ONLY.

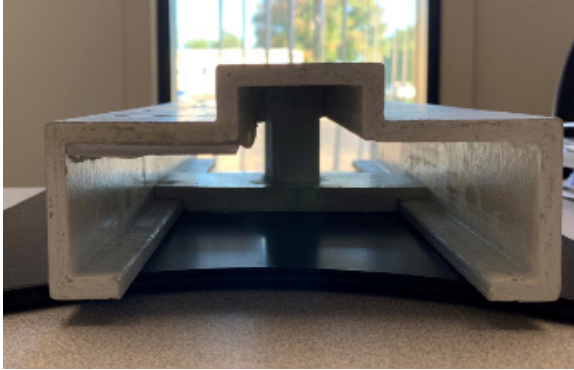
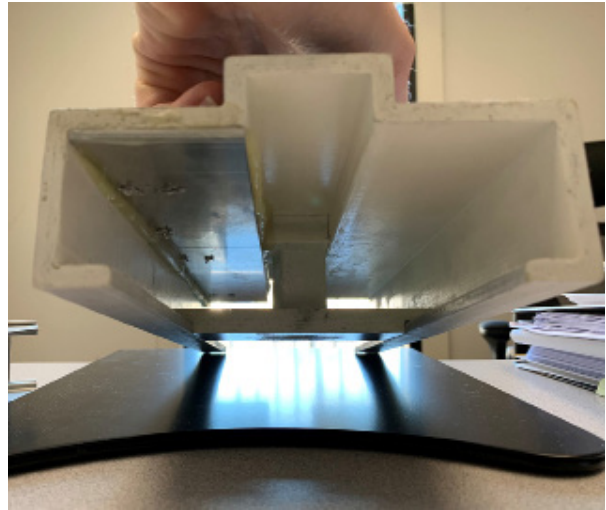
Closer Reinforcements

- Drill and tap for fasteners provided by closer manufacturer.
- Follow closer manufacturer instructions to complete installation of the closer.
- Closer Reinforcement Locations:
 - PT-21-0001(1) parallel arm reinforcement is 6" from the hinge side of the frame header and is applied to the backside of the doorstop.
 - PT-21-0002(2) regular arm reinforcement is 6" from the hinge side on each side of the frame header and is applied to the backside exterior and interior faces of the frame



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AF-150 Framing with Aluminum Reinforcements



Follow the assembly instructions for the AF-150 All-Fiber-glass Frames. Aluminum reinforcement will be installed on the hinge side of the fiberglass frame and on the header. (Note: see closer instruction above for reinforcement location).

For Continuous Hinges

- If hinge holes have not been laid out prior to installation, lay hinge in place and mark holes using a marker.
- Install using 1 1/4" self tapping screws provided.
- Follow manufacturers suggested installation instructions.
- Install using 1 1/4" self tapping screws provided.
- Follow manufacturers suggested installation instructions. or punch
- Drill pilot holes using a 5/32" drill bit. (Note: the top 4 holes of the continuous hinge will not have aluminum reinforcement. Installer must use SST sheet metal screws for those top 4 spaces).
- Install using 1 1/4" self tapping screws provided and SST sheet metal screws for top of hinge.
- Follow manufacturers suggested installation instructions

For Butt hinges

- If hinge holes have not been laid out prior to installation, lay hinge in place and mark holes using a marker or punch
- Drill pilot holes using a 5/32" drill bit. (Note: aluminum reinforcement will accommodate both three and four hinge doors.