



SEAMLESS FOOD FACILITY FRP DOOR

Truly Seamless Fiberglass

Only laminated doors de-laminate. At Weiland, we do not build doors that are laminated. So when we use the word "seamless" we mean exactly what you think it means; that there are literally no seams or breaks in the substrate where the panel can come apart due to environmental or physical stress. Instead of bonding together pre-fabricated sheets of fiberglass, our door has a thick outer shell that surrounds all sides of the panel. We are proud to say there is no domestic competitor that builds a door like Weiland. Because it is seamless, it is not only extremely durable, but it is extremely sanitary as well.

Strongest Fiberglass Exterior

Our customers in the food industry have always demanded more than the industry standard. While our competitors' fiberglass face sheets are nominally 1/8" thick on average, our shell is molded to be 50% more robust on the face. On the edge where laminated "all purpose" FRP doors are weakest, we overlap our fiberglass in the mold before resin injection to make the fiberglass a whopping 3/8" thick where the door needs it the most.

Sanitary and Chemical Resistant

Weiland's gel-coat is 25 MIL thick and molded-in to the fiberglass substrate making it impossible to separate from the resin. In independent testing by EcoLab, our fiberglass was soaked for 48 hours in eight common food plant detergents. Even the most acidic wash-down solutions had "No Effect" on our fiberglass.

Built Specifically for Food

Unlike competitors who laminate pre-fabricated sheets of FRP onto balsa wood or honeycomb cores, we only use materials suited for food facilities; and for that reason, impermeable closed cell polyurethane is the only core option we offer. It can't absorb moisture, is non-organic, void-free, and an excellent sound barrier.

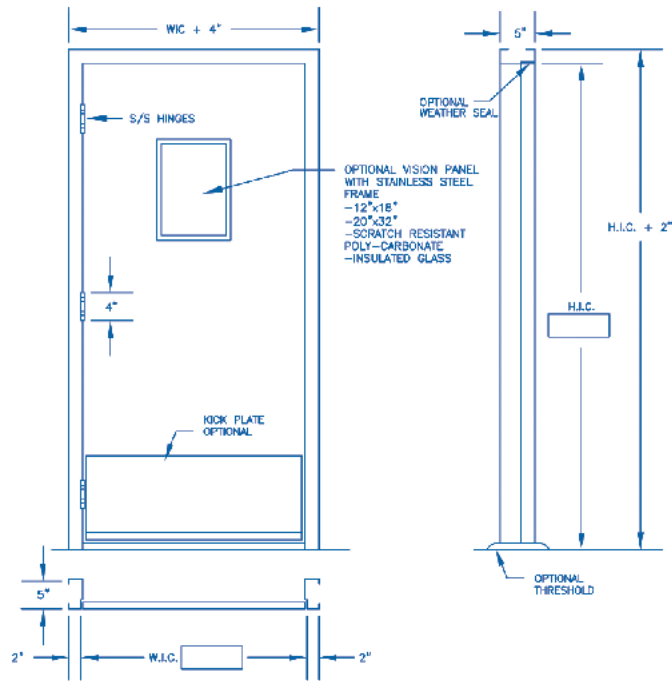


Corrosion Resistant Hardware:

Weiland's standard hardware has been evaluated to have more corrosion resistant stainless steel and dichromate zinc parts than the most commonly specified hardware options. We strive to meet or exceed specification on every project.



For over 30 years, customers in the most demanding food environments have relied on Weiland fiberglass personnel doors. And today, using a unique and proprietary closed mold method, Weiland continues to boast the only known fiberglass panel that is molded on all sides at once, creating the only door that can truly be called seamless. With its thick fiberglass shell, and non-wood construction, this door is made with meat, poultry, RTE, and dairy processors in mind. Weiland personnel doors provide the durability, corrosion resistance, and thermal properties required - yielding an elegant door that will last for years in the toughest environments.



DOOR SIZE

Standard size panels are 3'0" x 7'0" and 4'0" x 8'0". All other size doors are custom built for single or double door applications.

DOOR PANEL EXTERIOR

Molded fiberglass, with 25 mil white gel-coat. Gel-Coat is molded in for a chemical bond with fiberglass resin and never needs to be re-painted. Any color available upon request.

DOOR PANEL INTERIOR

Stiles and rails – Stiles and Rails are built using composite material with furnished backing for each piece of door hardware.

Insulation – The door panels are unitized and filled with 2 lb per cu ft polyurethane foam. The insulation value is R14

FRAME OPTIONS

One-part 16-gauge stainless steel frames are available in varying jamb depths – and are used typically in concrete masonry unit walls or metal-wrapped openings. Our most popular frame can be delivered free of voids. Foam-filled with polyurethane at the factory.

Molded Fiberglass Frames are available with a 4" jamb depth, matching the look and construction of the fiberglass panel. Like the panel, this frame is a thermal barrier and free of seams and voids.

Split Jamb (Two-Part) 16-gauge stainless steel frames are available in varying jamb depths – and are used typically in insulated metal panel walls or other types of walls where hiding a rough-cut with the frame reveal is required.

HARDWARE

Hinges – Three (3) or more stainless steel, five knuckle, two-ball bearing hinges are standard on doors.

Entry/Exit – Extra heavy-duty / commercial grade one hardware is standard on all doors. Standard-duty options are available upon request.

- Stainless steel push/pull set
- Locking and passage lever sets (stainless steel finish)
- Panic device with or without exterior trim (stainless steel finish)

OTHER OPTIONS

Closers – Heavy-duty closers with stainless steel components and arm, as well as standard duty closers, are available.

Vision Panel – Vision panels with stainless steel frames are available for all doors. 12x18" and 20x32" sizes are standard, and custom sizes can be special ordered. Many glazing options exist to suit special conditions.

Kickplate – Stainless steel kickplates in multiple heights are available on one or both sides of the door.

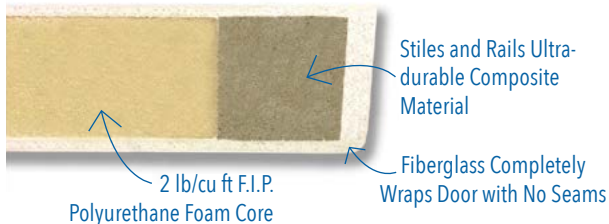
Seals – Perimeter weatherstrip and sweep gaskets are available.

Threshold – Stainless steel, fiberglass, and aluminum thresholds are available.

Drip Cap – 16-gauge stainless steel drip caps are optional for exterior doors exposed to precipitation.

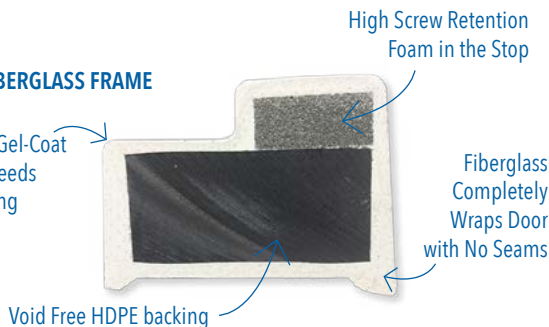
WEILAND FIBERGLASS DOORS

High Gloss Gel-Coat Never Needs Painting



WEILAND FIBERGLASS FRAME

High Gloss Gel-Coat Never Needs Painting



WEILAND STAINLESS STEEL FRAME

2 lb/cu ft F.I.P. Polyurethane Foam Core (optional)

