

Proven Tough

Weiland doors are tough. Period. Our doors feature only heavy-duty parts and top grade materials; and are built by expert craftsmen – many of whom have been with us since the early days. What you can expect from us is a door that has been proven to withstand the harshest conditions in the food processing industry and other industrial environments.

Heavy Duty Hardware

Some door companies skim on hardware to lower their costs during the bidding process – but not Weiland. We quote only top-of-the-line, commercial grade 1 hardware for our doors – ensuring your doors will last years with minimal maintenance required. We can provide any manufacturer and model of hardware specified.

Easy Installation

Doors are completely assembled with the hardware installed, packed securely in individual wooden crates, and sent using quality freight carriers. Personnel doors install quickly and easily.

Flexible Frame Options

Multiple frame options exist for personnel doors. 16-gauge S/S frames are available in one or two parts – installing easily into insulated metal panels, concrete/masonry walls, or other surfaces. And, Weiland can provide varying jamb depths and reveal widths – providing architectural flexibility. Metal clad frame options exist as well – with or without a thermal break.

Unmatched Service

The top priority at Weiland is YOU. You can rest assured that your doors will be built correctly, delivered on time, and your questions answered immediately. Weiland stands behind our doors with an excellent warranty, and more importantly, with a level of personal service that's unmatched in the industry. There's a reason many of our valued customers have been with us for over 20 years.

Weiland's XHD Process Door was custom engineered to withstand the toughest food processing environments – combining a heavy gauge stainless steel exterior, welded and smooth sides and top, rigid stainless steel internal construction, and injected polyurethane foam core.



Shown Above:
3'0" x 7'0" XHD Process Door and frame with 20x32" stainless steel vision panel, heavy duty passage lever and sweep gasket.

Customers in the most demanding of environments have relied on Weiland personnel doors for nearly 25 years. From food processing facilities to water treatment plants, Weiland personnel doors provide the durability, corrosion resistance, clean-ability, and thermal properties required – yielding a beautiful door that will last for many years.



Seamless Sides and Top of Panel

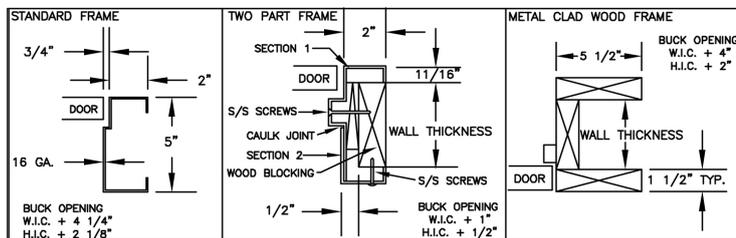
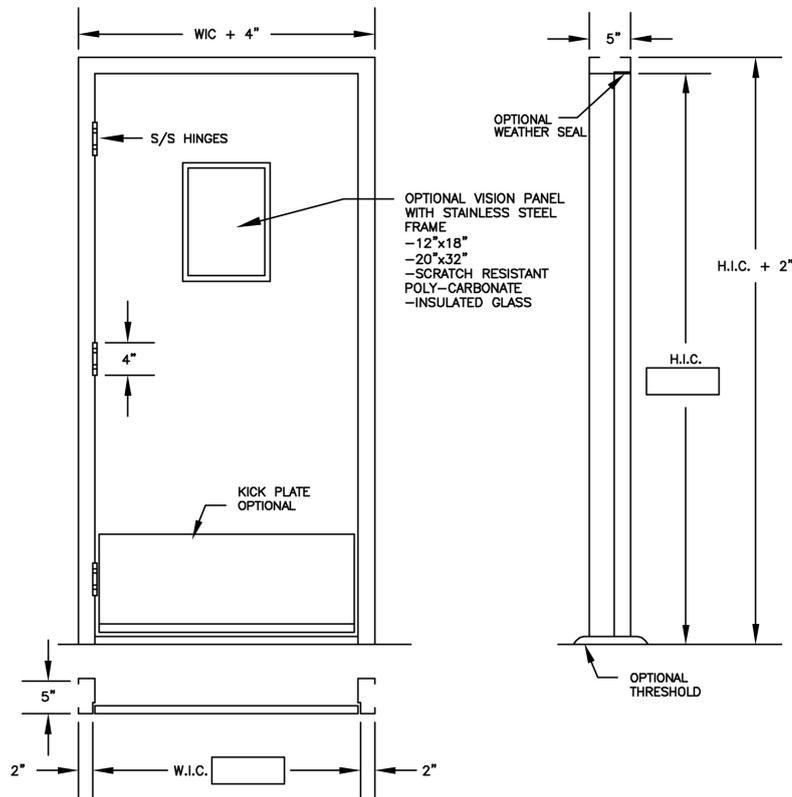
Stainless steel processing doors feature welded sides and top that are ground smooth for a clean and durable finish.

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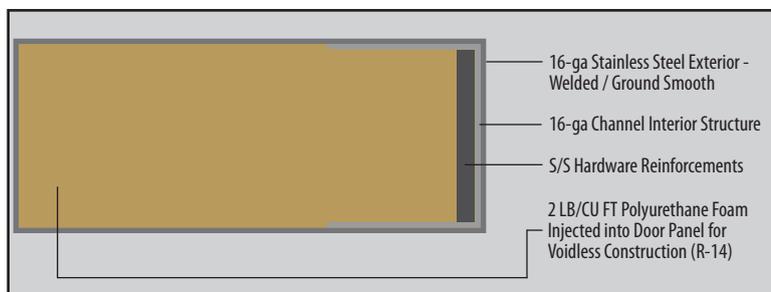
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1-3/4" Stainless Process Door

Data Sheet



Weiland S/S Process Door Construction



Weiland Stainless Steel Process Doors are built tough, starting with 16-ga stainless steel channels that are welded together to form the structure of the door. Internal stainless backing is welded in place for the hinges and other hardware (as needed). The 16-ga stainless exterior skin is wrapped around the internal structure and continuously welded on both sides and the top, then ground smooth. Weiland then inserts the door into a hot press, and then injects the door with 2 lb / cu ft polyurethane foam. The foam aggressively bonds to the metal, further increasing the strength of the door, providing R-14 thermal value, and ensuring a voidless interior.

Design & Construction

Door Size

All doors are custom built for any sized opening. Single or double doors are available.

Door Panel Exterior

16-gauge type 304 stainless steel with a #4 (brushed) finish is standard. Type 316 stainless is available upon request. Sides and top of panel are continuously welded and ground smooth.

Door Panel Interior & Reinforcement

- **Frame** – Internal door construction is made up of 16-ga stainless steel channels, including channels around vision panel openings for a complete seal. All reinforcing components are made of stainless steel.
- **Insulation** – The door panels are injected with 2 lb / cu foot polyurethane foam, with an "R" factor of R15.

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.
- 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 the frame reveal overlaps the wall.
- Two-part metal clad frames are available in varying jamb depths. Metal clad frames can be built with a thermal break if requested.

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 for lesser-trafficked doors:
 - 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. Multiple glazing options exist including scratch resistant polycarbonate (Lexan), insulated glass, heated insulated glass, and polycoated insulated glass (7-mil plastic coating).
- **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** – Aluminum and stainless steel thresholds are optional.
- **Drip Cap** – 16-gauge stainless steel drip caps are optional for exterior doors exposed to rain.

Weiland

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