WEILAND

INDUSTRIAL DOORS & WINDOWS

FIBERGLASS COOLER / FREEZER DOOR

THE ULTIMATE ALTERNATE TO STAINLESS STEEL

Delamination-Proof FiberWrap

We mold our entire door molded at once without seams – literally.

Thick Shell

Like our Food Facility FRP door, our cooler door's FiberWrap shell has a nominal thickness of 1/8" on the face and 3/8" on the edge.

CleanCore

We build the interior of our door using a combination of advanced plastics and polyurethane foam. This yields a structural bond with the fiberglass, provides superior screw retention for hardware and a solid thermal performance (R28).

Seals that Actually Seal

We know you're tired of leaky gaskets. We engineer our EPDM gaskets to wrap around the corners without requiring splices.

Washdown Ready

Our 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 caustic wash-down solutions had "No Effect" on our fiberglass.

Welded & Voidless Casings

Every Weiland Food Facility Cooler Door comes with 16 Gauge 304-4 brushed stainless steel casings. With visible seams that are TIG welded together. Rather than wrapping stainless steel around wood or HDPE, cores, Our casings are made void free with injected 8 lb polyurethane.

Cross section of actual door panel

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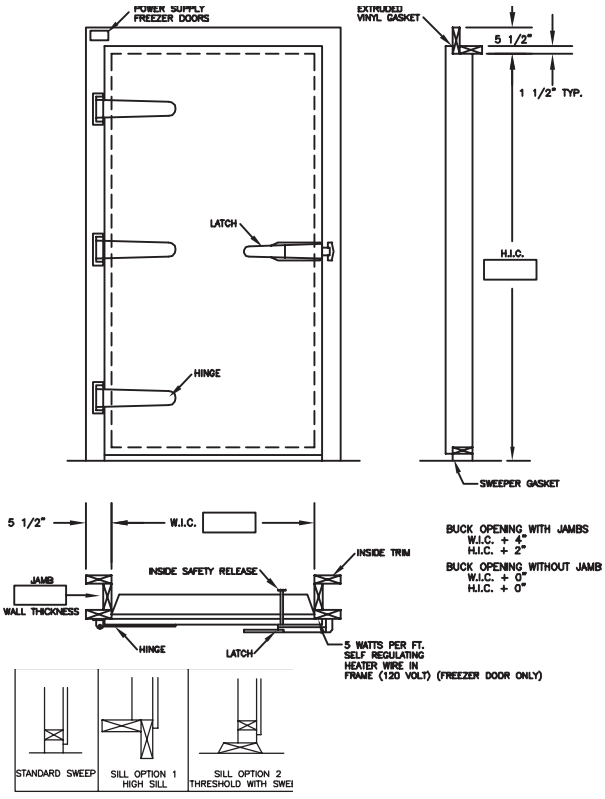
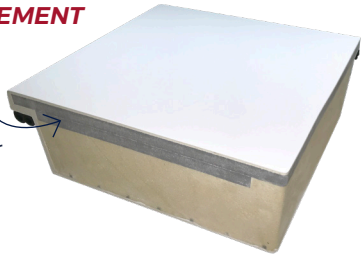
For over 30 years, customers in the most demanding food processing environments have relied on Weiland fiberglass cooler and freezer doors as an alternate to stainless steel. And today, using a unique and proprietary closed mold method, Weiland continues to boast the only known fiberglass panel that 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 synthetic construction, this door is made with meat, poultry, RTE, produce, and dairy processors in mind. Weiland personnel doors provide the durability, corrosion resistance, and thermal properties required – yielding an elegant door that will last.

FOOD FACILTY COOLER & FREEZER DOOR



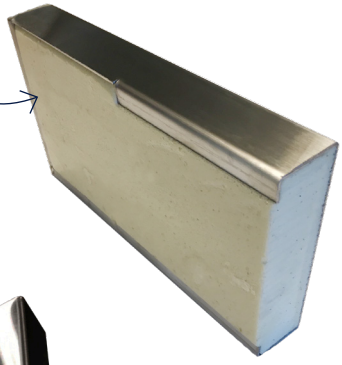
HARDWARE REINFORCEMENT

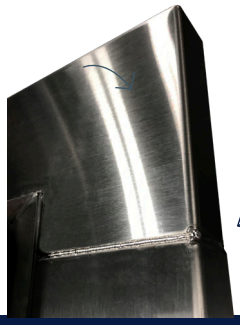
Weiland Fiberglass Cooler and Freezer doors boast synthetic hardware reinforecment material that has optimum fastener retention.



16 GAUGE STAINLESS STEEL CASING

Stainless steel frame casings come with 8 lb injected closed cell foam core.





WELDED CASING SEAMS

joints in face casings and back trim are welded instead of caulked

DESIGN & CONSTRUCTION

DOOR SIZE

Standard size panels are 3'0" x 7'0" for single doors and 6'0" x 7'0" for double doors.

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. White is standard. Any color available upon request for additonal cost.

DOOR PANEL INTERIOR / CORE

The shape of this door panel is made by the Fiberwrap molded shell. The fiberglass face is backed entirely with a 1/2" of fiberglass injected sturctural foam that has a higher screw retention than 3./4" plywood. At each hingle location this material is 1" thick.

CleanCore Insulation – The door panels are fitted with 2 lb per cu ft closed cell polyurethane foam. The insulation value of this foam in a 4" panel is R30.

CASING FRAME OPTIONS

Material - The frame for this door is constructed from 16 Gauge brushed stainless steel.

Core - The face casing and back trim are constructed with high density injected closed cell polyurethane as the core to make the casing more rigid and voidless for sanitary purposes. This includes stainless steel backing for hardware.

Assembly - For maximum sanitation and maintenance free durability, the face casing and back trim pieces are TIG welded together. Casings come in any jamb depth.

Styles - Flush Sill, High Sill, and Egress Sills are available.

Jamb Depths and Configuration - 4" and 6" jambs are standard. Any depth is possible with customization. Door casings can be configured to suit the application from face casings only, to custom jamb depth applications.

PRO SERIES HARDWARE (SHOWN) / CS SERIES OPTIONAL

Hinges – Stainless Steel
Refrigeration Latch - Stainless Steel
Panic Device with Trim - Stainless Steel
Panic Device EO - Stainless Steel
Tension Barrel Closer - Stainless Steel

Bump Bar - Stainless Steel

OTHER HARDWARE OPTIONS

Vision Panel – Vision panels with stainless steel frames are available in. 12x18" sizes with a wide range USDA compliant glazing options available based on the application.

Bump Bar - Stainless Steel bump bars are available and recommended in places where a refrigeration latch is preferred, but the door either needs to meet an egress requirement, or is a heavy traffic area.

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

Threshold – Stainless steel, Voidless HDPE, fiberglass, and aluminum thresholds are available, as well as heated thresholds.

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

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PRODUCT RANGE

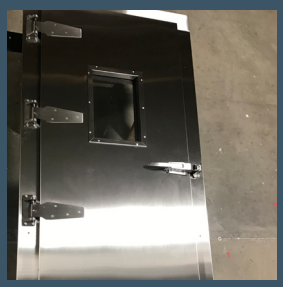
1-3/4" FOOD FACILITY & HYGIENIC DOORS
Molded Fiberglass

1-3/4" FOOD FACILITY & HYGIENIC DOORS
16 Ga. Stainless Steel

1-3/4" COLD STORAGE PERSONNEL DOORS
Molded Fiberglass

4" & 6" COLD STORAGE COOLER / FREEZER DOORS
26 Ga. White Metal

4" FOOD FACILITY & HYGIENIC COOLER / FREEZER DOORS
Molded Fiberglass



4" FOOD FACILITY & HYGIENIC COOLER / FREEZER DOORS
16 Ga. & 20 Ga. Stainless Steel

MEAT RAIL SLIDERS AND SWING DOORS
Molded Fiberglass
Stainless Steel

HORIZONTAL SLIDE COOLER / FREEZER DOORS
Molded Fiberglass
20 Ga. Stainless Steel
26 Ga. White Metal
Manual or Power

FOOD FACILITY & HYGIENIC ROOM WINDOWS
Stainless Steel

GLAZING:
- *AR Polycarbonate*
- *Insulated Glass*

OPTIONS:
Heated Glass
Safety Coated Glass

CUSTOM APPLICATION
HDPE | Stainless Steel

- *Transaction Windows*
- *Conveyor Openings*
- *Hatch Doors*
- *Trash Chute Doors*

VERTICAL SLIDE COOLER / FREEZER DOORS
Molded Fiberglass
20 Ga. Stainless Steel
26 Ga. White Metal
Manual or Power

BI-PARTING SLIDE COOLER / FREEZER DOORS
Molded Fiberglass
20 Ga. Stainless Steel
26 Ga. White Metal
Manual or Power

Designed and Manufactured
In America's Heartland