WEILAND
INDUSTRIAL DOORS & WINDOWS

FOOD FACILITY COOLER/ FREEZER DOOR

For over 40 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.

Delamination-Proof FiberWrap

We mold our entire door molded at once without seams – literally. It will never delaminate!

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.

CleanCor

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 (R32).

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 washdown 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 on face casings that are TIG welded together. Rather than wrapping stainless steel around wood or HDPE, cores, our face casings are made void free with injected 8 lb polyurethane.

THERE IS NO EQUAL

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 (active/active). All panels are 4" thick.

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.
For custom colors, please consult factory.

DOOR PANEL INTERIOR / CORE

The shape of this door panel is made by the FiberWrap molded shell. CleanCor Insulation – The door panels are fitted with closed cell polyurethane foam with molded-in hardware backing plates. The insulation value of this foam in a 4" panel is R32.

CASING FRAME OPTIONS

Material - The frame for this door is constructed from 16-ga brushed stainless steel. 26-ga WPG is also available (HDPE Core).

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 for long-term strength.

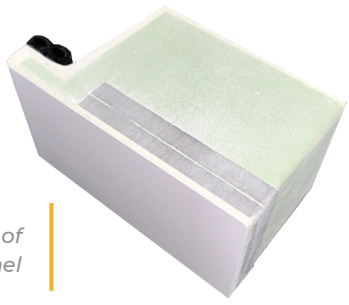
Assembly - For maximum sanitation and maintenance free durability, stainless steel face casings are TIG welded together. Casings come in most any jamb depth.

Styles - Flush Sill and High Sills are available.

Jamb Depths and Configuration - 4", 5"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 using conventional jambs for deep wall application over 6".

HARDWARE REINFORCEMENT

Weiland Fiberglass Cooler and Freezer doors boast composite hardware reinforcement material that has optimum fastener retention.



Cross Section of actual door panel

TYPICAL SILL TYPES

Flush Sill | High Sill *(Step Down)* | High Sill *(Step Over)*

Optional 2" Tall Bottom Face Casing and Back Trim for High Sills

PRO SERIES HARDWARE *(Shown)*

CS SERIES OPTIONAL W/ WPG CASINGS

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. 10x10" 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 where 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 thermally broken thresholds are available, as well as heated thresholds.
Drip Cap – 16-gauge stainless steel drip caps are optional for exterior doors exposed to precipitation.

16 GAUGE STAINLESS STEEL CASINGS

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

WELDED CASING SEAMS

Joints in face casings are welded instead of caulked.