WEILAND
INDUSTRIAL DOORS & WINDOWS

# STAINLESS STEEL WINDOWS

## BUILT FOR FOOD & COLD ENVIRONMENTS

Weiland has drawn from more than 40 years of manufacturing experience in the country's most physically and chemically demanding food facility environments to create a fixed window that is beautiful, versatile, easy to install, and meets the requirements of all inspected food facilities in North America.

### Glazing Made Simple

Food facilities are unique and require special glazing options for food safety, scratch resistance and thermal concerns. That is why Weiland offers a range of glazing options to fit your special application. The glazing is delivered factory installed watertight to keep the moisture out. The glazing we provide includes varying thicknesses of scratch resistant polycarbonate, and insulated glass with safety film applied front and back. (Heated and non-heated glass available).

### Designed for Washdown

All process windows are manufactured with #4 brushed stainless steel and welded through the corners. The sills are sloped on all four sides (front and back) and designed to fit flush against the wall. Unlike storefront windows there are no sills or pooling surfaces for harborage.

### Easy Installation

The two part construction of this window installs quickly in a variety of wall types and depths, especially insulated metal panels.

### Thermal Advantage

The unique design of this window frame ensures the stainless steel is thermally broken and easy to insulate during installation.

### Designed Around You

While standard sizes and styles exist for convenience, we realize there are applications that have special design requirements. Call us to talk about how we can make our window suit your project.

***Product Features:***

*Designed for USDA /FDA Compliance*
*Stainless Steel Construction*
*Factory Installed Glazing*
*No Pooling Surfaces*
*Thermally Broken*
*Welded Corners*
*Multiple Glazing Solutions*

THERE IS NO EQUAL

# DESIGN & CONSTRUCTION

## STANDARD SIZES

For your convenience, 4' x 4' and 4' x 3' are our standard window frame sizes and are designed with a 4" throat. 4' x 3' windows can accept glazing thickness of 1/4" or 1". All other sizes are custom and require longer lead times.

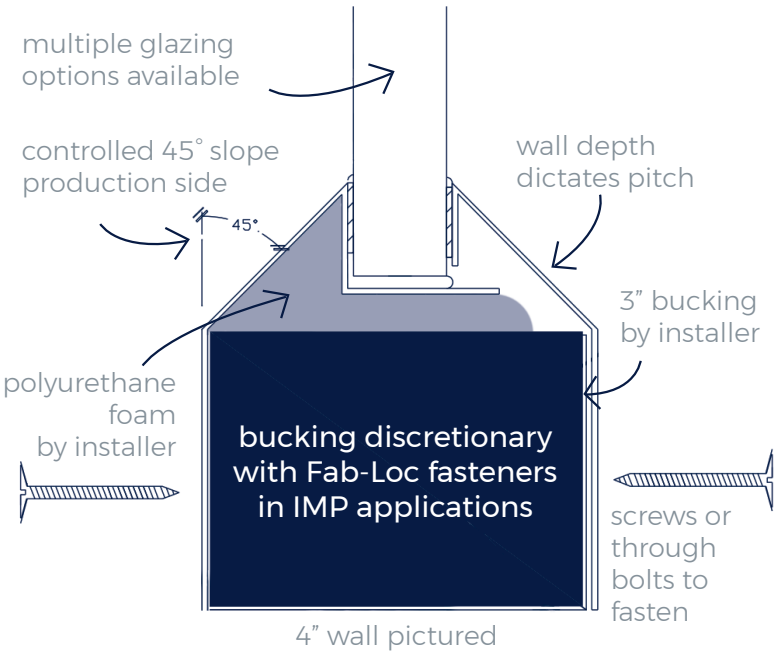
## GLAZING OPTIONS

Standard glazing options Include:

- 1/4" Scratch Resistant Polycarbonate
- 3/8" Scratch Resistant Polycarbonate
- 1/2" Scratch Resistant Polycarbonate
- 1" Tempered Insulated Glass *(Argon Filled)*
  - 7 MIL Polycoating Applied Front and/or Back
- 1" Tempered Insulated Heated Glass *(4'0" x 3'0" ONLY)*
  - 7 MIL Polycoating Applied Front and/or Back
  - Requires 110-120V Power

## FRAME MATERIAL

304 stainless steel with a #4 brush finish is our standard frame material.




**SILL DETAIL**

# GLAZING OPTION DETAILS

## SCRATCH RESISTANT POLYCARBONATE

Abrasion-resistant polycarbonate sheet improves upon the impact strength of standard polycarbonate (commonly referred to as "Lexan") with improved surface hardness, enhanced UV resistance to protect against yellowing and hazing, and significantly better performance in food processing environments where harsh chemicals are used, and glass is not allowed. ¼", 3/8" and ½" thicknesses are available. Consult with Weiland on recommendations.

## GLASS

Multiple styles of glass are available, including tempered and insulated. Insulated glass is available as double or triple panes and 1" or greater thicknesses. Consult with Weiland on recommendations.

## HEATED INSULATED GLASS

120 volt heated / insulated glass is available for windows with extreme temperature differences and humidity, where condensation may otherwise form on the glass. Power outputs range from 2-to-40 watts per square foot, depending on the condition. Consult with Weiland for recommendations.

## GLASS WITH SAFETY FILM PROTECTION

Certain conditions call for insulated and/or heated glass to prevent condensation. But, many processing environments cannot risk glass breakage. Weiland provides processing customers the peace of mind by laminating insulated glass units with 7-mil safety film, to strengthen glass and contain glass in the event of breakage.