

Glazing Made Simple

Weiland offers a range of glazing options to fit your special application. The glazing is delivered factory installed watertight to keep moisture out, and to prevent cross-contamination. The glazing we provide includes varying thicknesses of abrasion and chemical resistant polycarbonate, and insulated glass with safety film applied front and back. (Heated and non-heated glass available).

Designed for Hygiene

All 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 and make void-free 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 USP 797 & 800 Compliance
- Stainless Steel Construction
- Factory Installed Glazing
- Sloped Sills
- Thermally Broken
- Welded Corners
- Multiple Glazing Solutions



CLEANROOM WINDOWS

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 4' windows are designed to accept 1/4" Scratch Resistant Polycarbonate. 4' x 3' windows can accept glazing thickness of 1/4" or 1". All other sizes are custom and require longer lead times.

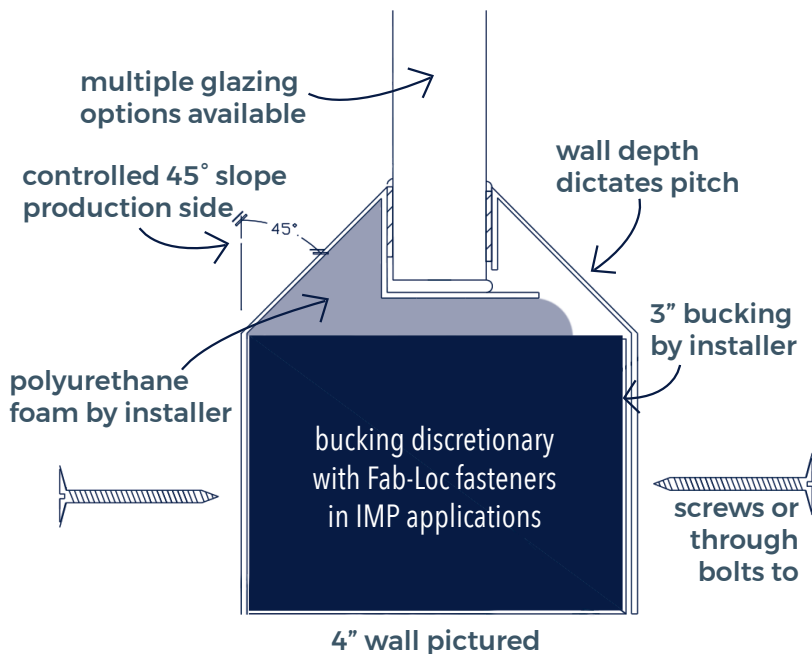
GLAZING OPTIONS

Standard glazing options Include:

- 1/4" Scratch Resistant Polycarbonate
- 3/8" Scratch Resistant Polycarbonate
- 1" Tempered Insulated Glass
 - 7 MIL Polycoating Applied Front and Back
- 1" Tempered Insulated Heated Glass
 - 7 MIL Polycoating Applied Front and 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

Makrolon AR2 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 environments where chemicals are used to clean the glazing, and glass is not allowed. 1/4", 3/8" and 1/2" thicknesses are available. Consult with Weiland on recommendations.

GLASS

Multiple styles of glass are available, including tempered, insulated, and wire reinforced. Insulated glass is available as double or triple panes and 1/2" 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 in some environments cannot risk broken glass. Weiland provides customers peace of mind by laminating insulated glass units with 7-mil safety film, to strengthen glass, or contain it in the event of breakage.



WEILAND

