

**PATENTED
PROCESS**



**INTEGRATED
WINDOW SYSTEMS™**

TILT SERIES PRODUCT DATA

IWS offers a commercial grade window for “PUNCH WINDOW” applications with all the benefits of uPVC, thermal, water resistance, wind load, security and structural requirements demanded by architects and building owners. Unique design features fit perfectly into a wide range of architectural styles while achieving maximum energy savings. Interior and exterior finish options in demand from architects and building owners are available from standard offering, custom fit, color and profile.

ABOUT US

Integrated Window Systems™ patented process is the future of punch windows, designed to benefit everyone from the owner to the tilt contractor.

IWS innovative windows eliminate costs associated with punch windows, including clerestory window openings: material, forming, bracing, alignment alterations, uneven surfaces, stripping, waste and all the labor associated with each process.

THE RESPONSIBLE SOLUTION

Building a better future in Commercial Construction

- **Enhance productivity**
- **Decrease overall labor**
- **Shorten construction timeline prior to concrete placement**
- **Lower overall project cost**
- **Improve jobsite safety conditions**
- **Made in the USA**

**INTRODUCING THE NEW STANDARD IN
TILT-UP CONSTRUCTION.**



IWS TILT INTEGRATED CHAMFER

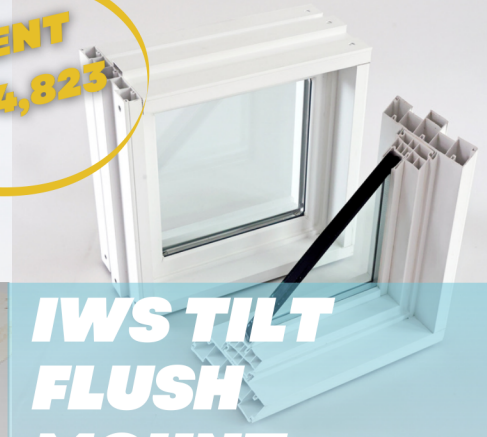
IWS Tilt Integrated Chamfer provides a transition at the interface of concrete and window, with a seamless edge providing the illusion of continuity. This architectural style is becoming a trend within the industry for elevation profiles in punch windows and clerestory. Integrated chamfer can come colored to match exterior design color of panel or window frame upon request.



**PATENT
11,834,823**

IWS TILT CONCRETE CHAMFER

IWS Tilt Concrete Chamfer provides the choice of desired slope of chamfer to inset of window frame as an option for style. When considering an inset window from front elevation the Concrete Chamfer offers the flexibility to meet architectural criteria. The color of the frame comes standard in white, bronze and mill with custom coloring available upon request.



IWS TILT FLUSH MOUNT

IWS Tilt Flush Mount provides a smooth monolithic front elevation that is unique in design with its clean architectural lines at interface to panel. Standard or custom colored, the art deco trend setting look captivates the overall building envelope in style of fluidity.

PANEL WIDTHS

Varying panel widths can be accommodated by the exclusive modular design for each IWS series window within standard product offering. (See Product Data Sheet.)

IWS TILT SERIES STANDARD SIZES

IWS series comes in 4 standard offerings: 4x4, 6X4, 5X5, 8X4. See Standard Sizes Chart (*Custom sizes available upon request.)

INSULATED GLAZING CHOICES

Clear, Low E Argon Filled Standard 1 inch outside IG unit (custom order options: Obscure Glass, Tempered Glass, Ultra Performance Glass, Grids)

We can meet your glass requirements, both functional and aesthetic.

COLOR CHOICES

White, Bronze, Mill (*Custom color options available upon request.)



PRODUCT DATA SHEET WINDOW CHOICES



Integrated chamfer shown

COLOR CHOICES:

- White
- Bronze
- Mill
- *Custom Color Options Available Upon Request

WALL WIDTH CHOICES

Window width in inches

Common Widths	Integrated Chamfer	Concrete Chamfer	Flush
7 1/4	X	X	✓
8	✓	✓	✓
9 1/4	✓	✓	✓
11 1/4	✓	✓	✓

Order window wall width equal to or less than the actual wall width. Common practice to trowel and/or feather the inside concrete to meet the window. Additional window wall widths are available upon request.

INSULATED GLAZING CHOICES:

- Clear
- Low E
- Argon Filled
- *1 inch IG unit

STANDARD SIZES

Sq.Ft.	Callout size (WxH)	Overall Unit Dimension Inches (WxH)	Daylight (sq. ft.)	Recess distance inches Distance from outside wall to glass		
				Integrated Chamfer	Concrete Chamfer	Flush
16	4x4	48x48	12.8	3.1	3.2	2.5
24	6x4	72x48	19.9			
25	5x5	60x60	20.9			
32	8x4	96x48	27.1			

***Custom sizes available upon request**

CUSTOM ORDER OPTIONS:

- Obscure Glass
- Tempered Glass
- Ultra Performance Glass
- Grids

IWS TILT SERIES FEATURES & HIGHLIGHTS



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WINDOW FEATURES

- Interior Glazing Bead
- Painted Chamfer to match exterior panel color.
- Painted Exterior Frame, Interior white
- Painted Exterior/Interior/Complete
- Built-In Drip Edge
- Superior Tensile Strength
- Modular Design
- Integrated Chamfer
- Exterior sill sloped at 3 degree
- Tested to 155 MPH wind

HIGHLIGHTS

- Utilization of multi-chambered profiles in design
- Exterior temperatures & Interior temperatures never come in direct contact
- Conductive Heat transfer rates NFRC100 K-value in BTU/HR/FT²/in (Vinyl 1.00, Aluminum 1109, Steel 346)
- Corrosion Resistant to all weather and climate conditions
- Avoid aluminum corrosion in coastal markets
- We can meet your glass requirements, both functional and aesthetic.



MODEL STYLES

- 3 Styles (*Integrated Chamfer, Concrete Chamfer, Flush Mount*)



CONSTRUCTION FEATURES

- *Cast-In Place*
- *Elimination of Caulk at interface of window frame to concrete.*
- *Lifetime maintenance free*



DESIGN FEATURES

- *Natural thermal barrier without the added cost of a "thermal break"*

CONTACT IWS TODAY



515-782-9965



800-613-8148



kstranz@iwstilt.com



www.iwstilt.com



WINDOW SOLUTIONS FOR THE TILT-UP CONCRETE INDUSTRY

IWS values our technology and is fully dedicated to the protection and enforcement of its intellectual property rights. In addition to patent 11,834,823, IWS has several other pending patents relating to the above-described technology. IWS utilizes patents, trademarks, copyrights, and trade secrets to safeguard our innovative creations, and are committed to monitoring the use of our technology and prompt enforcement against infringement to defend our intellectual property assets.