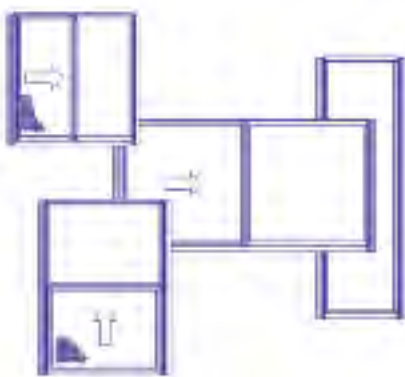


# A World of Difference.

## *Nucor Building Systems Thermal Window Systems for Metal Buildings*

Nucor Building Systems offers the FIRST thermal aluminum window designed specifically for the metal building industry. The NBS thermal window features a thermal-break frame and insulated glass to provide the energy efficiencies needed for extreme temperature conditions. This thermal window is self-framing and self-flashing to simplify the installation process. NBS offers the option of factory-mounting the window in a preassembled steel subframe (framed opening) for added strength, rigidity, and installation benefits.

- *Thermal break aluminum main frame*
- *Assembled in a factory controlled environment*
- *5/8" clear insulated glass*
- *Self-Flashing and Self-Framing*
- *Standard steel subframe*
- *Made to meet the specific requirements of each job*
- *Baked-on enamel finish (white and bronze)*
- *Custom sizes and styles*
- *Unparalleled customer service*
- *Many glazing options (tinted, Low-E, tempered, etc.)*



Products  
manufactured by  
**Global**  
building products



[NucorBuildingSystems.com](http://NucorBuildingSystems.com)

# The Nucor Difference

## Nucor Building Systems Thermal Window Systems

- Thermal-break aluminum frame
- Self-Flashing and Self-Framing
- 5/8" clear insulated glass
- Many glass options (tinted, Low-E, tempered, obscure, etc.)
- Energy efficient
- Baked-on enamel finish white and bronze
- Factory-applied head, sill, and fins
- Optional steel subframe system
- Easy to install

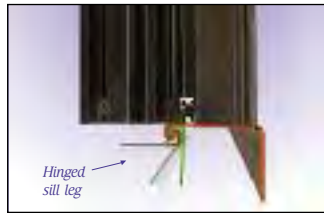


### Head Channel



The Head Channel is designed to eliminate water infiltration. Extra width allows for easy installation and access for caulking.

### Sill Channel with Hinged Leg



The Sill Channel has a unique hinged inside leg for easy retrofit installation as demonstrated.

### Regular Panel Jamb Fin



• The NBS self-flashing/framing window has trim fins that are designed to match the type of wall panel used.

• The Regular and Architectural jamb fins follow the contour of the wall panel and are designed to install to the 12" center ribs of the metal wall panel.

• The Universal jamb fin is commonly used with a framed opening and allows the window unit to be installed anywhere along the wall panel without the need to be located on the 12" centers.

### Architectural Panel Jamb Fin

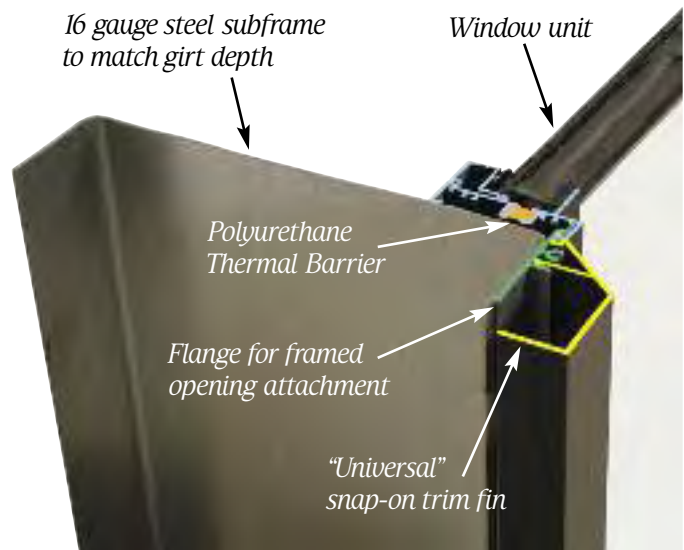


### "Universal" Snap-On Trim Fin



16 gauge steel subframe to match girt depth

Window unit



Polyurethane Thermal Barrier

Flange for framed opening attachment

"Universal" snap-on trim fin

Nucor Building Systems offers an optional steel subframe system which provides structural strength and rigidity. It is designed to match the girt depth in order to provide a finished edge for liner panel or drywall type construction. The window unit is factory-mounted in the preassembled steel subframing. The window in the steel subframe with the universal trim fin allows the window to be set anywhere along the wall panel. It provides a unique level of flexibility and simplifies the installation process. In locations requiring windborne debris protection, this product requires an impact-resistant covering meeting the requirements of building codes. The covering is not included by Nucor Building Systems.



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