

# METL-VISION® WINDOW SYSTEM

METL-SPAN ARCHITECTURAL WALL SYSTEMS



Metl-Vision® is the first window system with a flush frame design to fully integrate with Metl-Span's 2" and 3" CF horizontal wall panels to ensure a weathertight installation. The system offers great flexibility in window size, multiple lite configurations and window finish options. The finished assembly eliminates interface problems common with standard windows mated to Metl-Span CF wall panels.



## WINDOW SIZE LIMITATIONS

**Window Height:** Available in increments matching the standard wall panel widths of 24", 30" & 36". Custom widths and corresponding heights are available between 24" and 36". Maximum window height is 6 feet.

**Window Width:** Virtually unlimited widths are obtainable using spliced head and sill members in combination with intermediate vertical muntins. Window unit's jambs can be located to match up with a vertical wall panel joint or located away.

### Performance:

- Air Infiltration: ASTM E 283
- Water Infiltration: ASTM E 331
- Structural/Deflection: ASTM E 330

## FEATURES/AESTHETICS

- The window system is a flush frame design that fully integrates with Metl-Span CF horizontal wall panels.
- Components are thermally broken to minimize thermal conductance and condensation resistance.
- Sight lines are kept to a minimum to enhance the appearance of the finished window/wall system.
- Window frame is designed for the glazing to be installed from the building interior to reduce weather related delays and the need for lifting equipment.
- Fully sealed joints, head and sill end dams and weep drainage provisions ensure weathertight performance.

### Finishes:

- Anodized – clear, dark bronze, black
- Two-Coat Painted – custom color consisting of fluoropolymer coatings
- Three-Coat Painted – custom color consisting of fluoropolymer coatings and clear coat
- Mill Finish – bare aluminum

For complete detail and technical information refer to the Metl-Vision Technical Bulletin.

## WINDOW FRAME

- Window units consist of a perimeter frame made of extruded aluminum head, sill and jamb members with fully sealed joints.
- Individual lites in multiple lite windows are divided by extruded aluminum muntins.
- Frame members are joined by flush butting and concealed shear blocks.
- Frame members are designed with glazing pockets, gasket keepers and snap covers for the installation of standard 1" thick glazing material.
- Window Projection: The window frame is 4" deep and is designed to fit flush with the exterior face of the wall panels.

**METL-SPAN:** Pioneering Insulated Metal Panel Technology

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