



**METL-VISION™ CROSS SECTION**

### Features/Aesthetics

- The window system is a flush frame design that fully integrates with Metl-Span III 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.

### 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-VISION™ WINDOW SYSTEM

Metl-Vision is the first window system with a flush frame design to fully integrate with the Metl-Span III 2" CF horizontal wall panel 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 III CF wall panels horizontally applied.

### 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 283-99
- Water Infiltration               ASTM E 331-00
- Structural/Deflection         ASTM E 330-02

### 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.

METL-VISION™ WINDOW SYSTEM FOR CF HORIZONTAL WALL