

Fyre-Tec 985 Series

3/4 Hour UL Listing

Features Include:

Narrow site-line allows larger glass and daylight openings

Operable windows are self-closing in the advent of heat rise

Heavy-duty stainless steel four-bar hinges

Standard wire glass glazing material for 3/4 Hour rating

Optional ceramic glazing monolith or insulated glass units

Structural, air and water infiltration performance ratings

Manufactured from galvanized cold rolled steel

Frame and inserts fabricated with corners mitered and secured by welding

Glazing retainers secured with machine screws

Finished in weather resistant powder coating in nine standard colors or optional custom colors

Subframe mounting systems supplied with all windows

Required Egress sizes available

May be combined or mulled with Fyre-Tec fixed 950 windows for larger openings

Underwriters Laboratories tested and classified



CASEMENT



STEEL

WINDOWS



Meets Requirements of International Building Code and NFPA-80

- **Lot Line Protection**
- **Stairwells**
- **Non-Rated Casements Also Available**

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3-Part Specifications and CAD details available at
www.fyre-tec.com





SERIES 985 CASEMENT

The Fyre-Tec casement window offers 3/4-hour Underwriter's Laboratory rated protection. The window is designed and tested to be self-closing in the advent of heat rise from nearby combustion. Ideal for inclusion in NFPA 80 and building code requirements for protective openings in rated walls.

CONSTRUCTION

The Fyre-Tec fire-rated casement windows are constructed from galvanized steel sections with precisely mitered and welded corners, resulting exceptionally strong and long-lasting window. The windows operate with minimal effort pivoting on stainless steel four-bar hinges. An integrated heat activated closure device shuts the window upon heat rise and latching mechanisms secure the operating insert in the closed position.

FIRE RATING

Fyre-Tec fire window frames are listed by Underwriters Laboratories under the category of Door and Window Frames (GVTV). The standard used to evaluate the windows is UL 9, Fire Tests of Window Assemblies, which is a test standard inclusive of the test method described in ASTM 163, Standard Methods of Fire Tests of Window Assemblies.

DESIGN PERFORMANCE

All Fyre-Tec windows have been tested and meet or exceed AAMA standards for structural pressure, air infiltration, and water resistance infiltration. 3-part specifications and CAD drawings are downloadable from the Fyre-Tec Internet web site.

INSTALLATION

Sub-frame mounting kits are supplied with all windows. The sub-frame system is ideal for either retrofit or new construction. The window openings may be finished out prior to the installation of the provided sub-frame and window.

LABELING

All Fyre-Tec rated windows display a traceable, permanent stainless steel UL label specifying the rating for the window. Additionally, all glazing factory installed is etched with a permanent UL label to assure the customer and code officials that the product meets the requirement and the rating for the application.



GLAZING OPTIONS

The Fyre-Tec 800 Series windows are available with a variety of UL rated glazing factory installed.

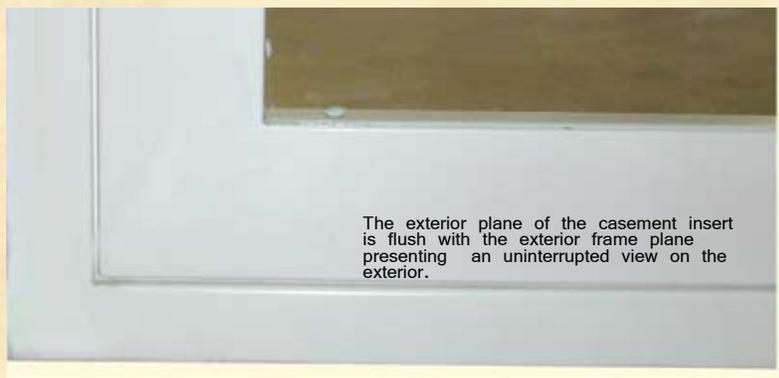
Glazings range from the basic wire glasses traditionally used for 45-minute rated windows to the newer clear ceramics that are now on the market, including some that are impact safety rated as well as fire rated.

Most of the rated glazings offered may be combined with traditional commercial glazing to make up insulated glass units. These may include tinted or Low-E products, providing the aesthetics desired or the energy conservation required.



FINISHES

Prior to finishing, Fyre-Tec windows are thoroughly cleaned and subjected to a phosphate undercoat. The standard powder coat finish is available in eight popular colors and primer. Color matching is optional.



The exterior plane of the casement insert is flush with the exterior frame plane presenting an uninterrupted view on the exterior.