

Fyre-Tec 900 Series
3/4 Hour
and
1 Hour
UL Listings

Features Include:

Narrow site-line allows larger glass and daylight openings

Self-closing in the advent of heat rise. Optional signal activation available

Standard wire glass glazing material for 3/4 Hour rating

Optional ceramic glazing monolith or insulated glass units for 1 Hour rating

Structural, air and water infiltration performance ratings up to design pressure of 75 psi

Manufactured from galvanized cold rolled steel

Frame fabricated with corners mitered and secured by welding

Muntins integral (welded) to inserts

Snap-lock glazing retainers secured with machine screws in monolith glazed windows

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

Subframe or fin mounting systems supplied with all windows

HORIZONTAL SLIDER

FYRE-TEC™

STEEL WINDOWS



MEETS REQUIREMENTS OF INTERNATIONAL BUILDING CODE AND NFPA-80

- **Pass-Through Windows**
- **Fire Escape Protection**
- **Stairwells**
- **Corridors**

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





FYRE-TEC

SERIES 900 HORIZONTAL SLIDER

The Fyre-Tec horizontal sliding windows offer 3/4- or 1-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 or optionally an alarm signal. Ideal for inclusion in construction when required by NFPA 80 and building code requirements for protective openings in rated walls.

GLAZING OPTIONS

The Fyre-Tec 900 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 with 60-minute ratings, including some that are impact safety rated as well as fire rated.

Much larger UL rated lites, not requiring intermediate muntins, are now authorized using the clear ceramic products.

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.

The combination of the larger lite size and insulated glass units also allows Fyre-Tec to offer windows with internal grid patterns.

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.

OPTIONAL CLOSURE

An optional closure device is available which may be activated by heat rise, or by a fire or smoke alarm, computer or other electrical signal. A source of 24 or 110 volt activation signal is required.

INSTALLATION

Sub-frame or fin system 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. The fin system is designed to allow installation of the window into the construction framing and subsequent trimming of the 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.



CONSTRUCTION

The Fyre-Tec fire horizontal sliding windows are constructed from galvanized roll formed steel sections with precisely mitered and welded corners, resulting exceptionally strong and long-lasting window.

True muntins, when required or desired, are notched and welded to the inserts, becoming an integral component, lending strength to the window.

The slider windows operate with minimal effort on adjustable stainless steel roller bearings. Integrated heat activated closure device activates on heat rise. A latching mechanism secures 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 independently tested by a third party 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.

FLORIDA/TEXAS APPROVALS

The 900P Series window has achieved an optional design pressure rating of 75 psf and has been awarded a non-impact product approval for usage in the state of Florida. Florida product approval number FL3298. This series has also been approved by the Texas Department of Insurance for installation in designated catastrophe areas along the Texas Gulf Coast - Product evaluation number WIN-1101.

