

Fyre-Tec 950 Series

3/4 Hour and 1 Hour UL Listings

Features Include:

Narrow site-line allows larger glass and daylight openings

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

Framing fabricated with corners mitered and secured by welding

Muntins, if required, integral (welded) to frame

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

Finished with weather resistant powder coating in eight standard colors or custom color

Subframe or fin mounting systems supplied with all windows

Underwriters Laboratories tested and classified



FIXED LITE **FYRE-TEC** STEEL WINDOWS



● **LOT LINE PROTECTION**

● **FIRE ESCAPE PROTECTION**

● **STAIRWELLS**

● **CORRIDORS**

REQUIREMENTS OF INTERNATIONAL BUILDING CODE AND NFPA-80

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





FYRE-TEC™

SERIES 950 FIXED LITE

The Fyre-Tec fixed lite windows offer 3/4- or 1-hour Underwriter's Laboratory rated protection. They are ideal for inclusion in rated corridors or exterior walls where it is essential to provide natural light or viewing capabilities but ventilation is not required. The fixed lites may be mullied with an operable Fyre-Tec window to provide a larger opening with greater daylight area as well as ventilation.

GLAZING OPTIONS

The Fyre-Tec 950 Series windows are available with a variety of UL rated glazing options factory installed.

Glazings range from the basic wire glasses, traditionally used for 45-minute rated windows, to the newer clear

ceramics that are now available 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.

Many of the clear ceramics 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.

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

All Fyre-Tec fire window frames are constructed from galvanized roll formed steel sections with precisely mitered and welded corners, resulting in an exceptionally strong and long-lasting window.

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

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 APPROVALS

The 950P 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 FL3301-R2.

