

ENDLESS
POSSIBILITIES...

 OPTIMUM
WINDOW



“Optimum delivers high performance and structural excellence together with beauty and style to make every idea a reality.”

- Candido Perez





AMERICA'S MOST DIVERSIFIED WINDOW AND DOOR MANUFACTURER

Established in 1985, **Optimum Window** has made its mark in the Steel Window industry as the largest and most diversified manufacturer of Fire Rated Windows in the United States.

Competitiveness being the drive for all entrepreneurs, Optimum has continued its growth with a series of custom, high-tech metal window and door systems designed for commercial, high end residential and landmark applications.

With our versatility and knowledge in engineering, manufacturing and customer service, Optimum has its focus on producing top of the line products in high-performance steel, bronze, stainless steel and aluminum.

Optimum continues to work with architects who require custom designs for their applications, bringing performance and structural excellence together with beauty and style, to make every idea a reality through the use of new computerized machinery for cutting, welding, punching, etc. All products are custom made per specifications and shop drawings.

Optimum is a family owned business. It is now entering its 31st year of creative ingenuity, revamped engineering and great customer service.



Building Green

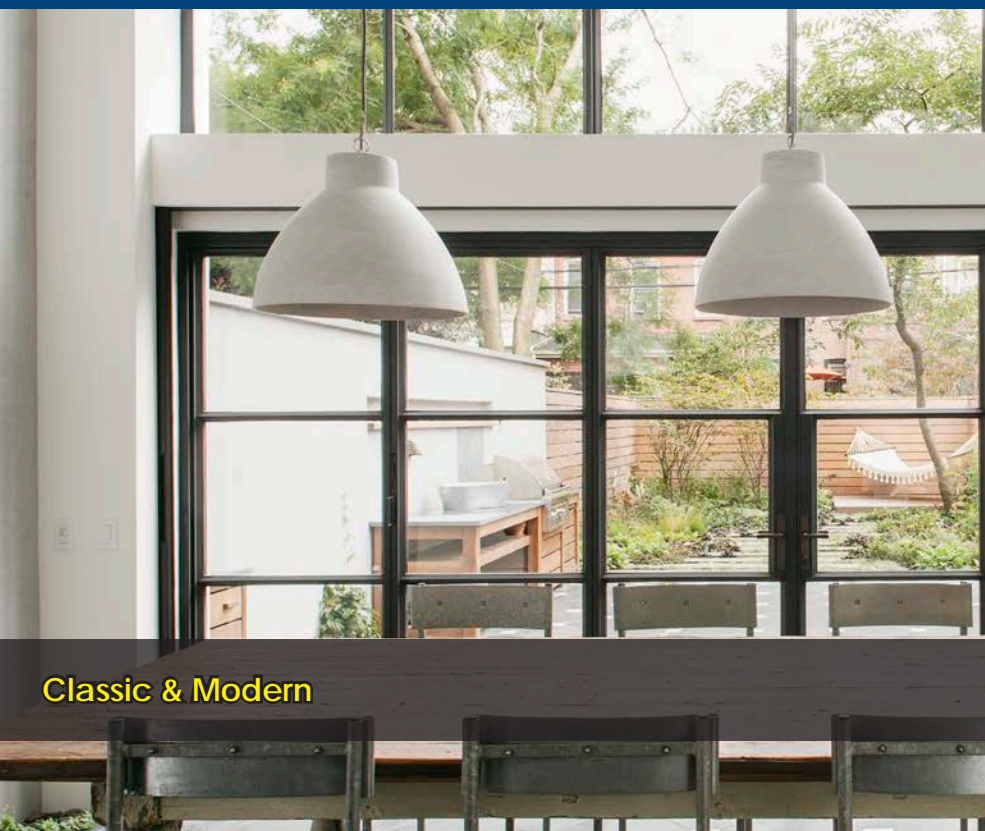
For over 31 years, Optimum has been creating works of art. It is through our Artisans on the shop floor and our extensive testing, research and development that we have been able to pioneer some firsts in the steel window industry such as:

- Powder coating finishes
- Extruded silicone weather stripping
- Multipoint locks for both windows and doors
- Thermally broken steel

We have been able to adapt to an ever evolving world that continues to present us with new challenges. Energy efficiency is at the forefront as well as sustainability and recyclability. By applying advanced, Environmentally Friendly paint finishes, new gasket technology and the use of multipoint locks as a standard, Optimum has raised the bar in Energy Efficiency and overall window and door performance in the steel window industry. All of our rolled formed products are produced from 100% recycled steel, which allows Optimum to participate in conserving our world's natural resources. There is value added to projects when using steel windows due to its inherent strength and durability which outperform all other window and door framing material (vinyl, wood and aluminum).

You no longer have to pay more for custom-made steel windows and doors. Optimum's products are competitively priced and are produced in a timely manner. This combination allows designers' and architects' dreams to become a pleasant reality.





Classic & Modern

Optimum's Reliant Line of Steel Windows and Doors offer reliability and versatility. These characteristics are key when designing a project. These series have been used in countless applications ranging from Hi-end homes to commercial and industrial applications. One major quality associated with our units are their narrow sight-lines. Architects have incorporated this attribute in all aspects of building for over a hundred years, and have designed the gracefulness of steel windows into countless architectural styles. The system's large opening casements and slim frame make it particularly popular with conservationists and planners as well. This advantage allows the use of immense glass lights, often in spectacular openings, while maintaining narrow sight-lines. The look is not simply distinctive, it is unique. Our steel windows and doors have been selected for use in the most contemporary of settings, as well as traditional and Gothic structures.

No other steel window system offers such an extensive range of sections as well as a variety of options for factory applied corrosion inhibiting finishes including galvanizing, E-coating (electro-coat) primer, powder coatings, urethane enamels and more. In addition we offer countless styles of hardware options which allow the designer the opportunity to create unique custom styles.

Optimum's hot rolled steel windows are manufactured from 100% recycled steel. These windows and doors are inherently more durable than almost any alternative material used in construction, their life cycle is unsurpassed. The environmental benefits of using recycled steel can be found on the steel web site at www.recycle-steel.org.



Window and Door Systems

Fully Welded

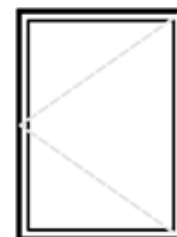
Features:

- Hot Rolled Steel
- Warranty on Finish up to 10 Years
- Glazing from 1/4" up to 1 3/8"

AVAILABLE MODELS:



FIXED



CASEMENT



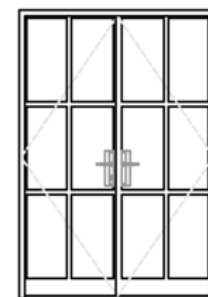
PROJECT IN



PROJECT OUT

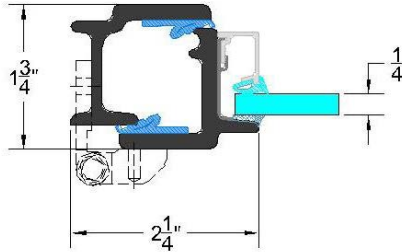


SINGLE DOOR



FRENCH DOOR

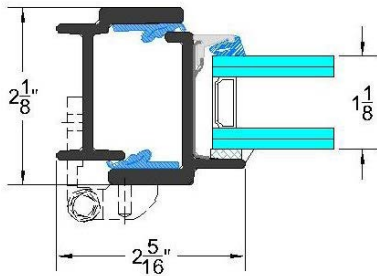
HR4500 Series



- Fully welded section (flash weld)
- True muntin grids. Fenestra joint available
- Double weather-stripping (advanced technology)
- Multi-point locking hardware on windows and doors
- Under coatings available (Galvanizing/E-coat/Zinc enriched primer)
- 10 Year warranty
- Insulated glass available up to 3/4"



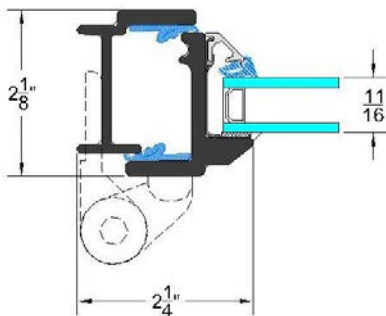
HR4700 Series



- Fully welded section (flash weld)
- Fenestra joint available
- Double weather-stripping (advanced technology)
- Multi-point locking hardware on windows and doors
- Under coatings available (Galvanizing/E-coat/Zinc enriched primer)
- 10 Year warranty
- Insulated glass available up to 1 1/8"



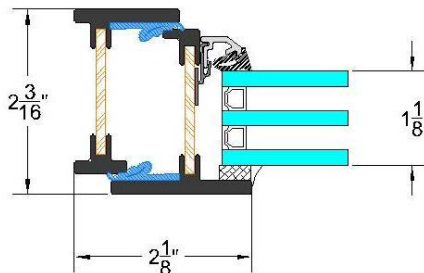
Princeton Series



- Fully welded section (flash weld)
- True muntin grids. Fenestra joint available
- Double weather-stripping (advanced technology)
- Multi-point locking hardware on windows and doors
- Under coatings available (Galvanizing/E-coat/Zinc enriched primer)
- 10 Year warranty
- Insulated glass available up to 1"



RTS430 Series



- Thermally Broken Frame
- Meets NFRC Rating
- Durable Weather-Stripping
- Multiport locking hardware
- Stainless Steel 304
- SS is fully welded
- Never rusts
- True divided lites & SDL available
- 10 year finish warranty
- Insulated glass up to 1 3/8"





CELEBRATING
of Creative Ingenuity

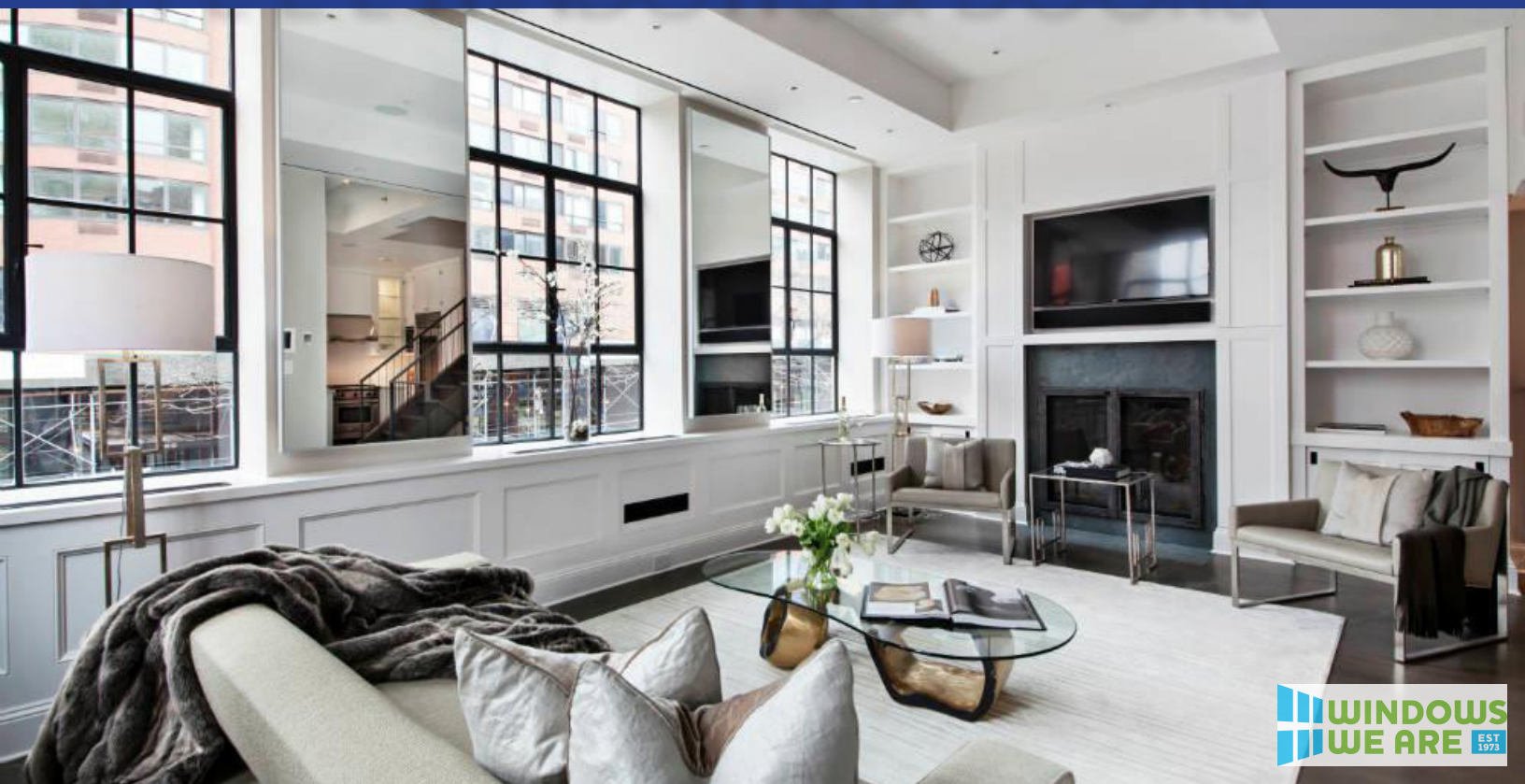
MANUFACTURING

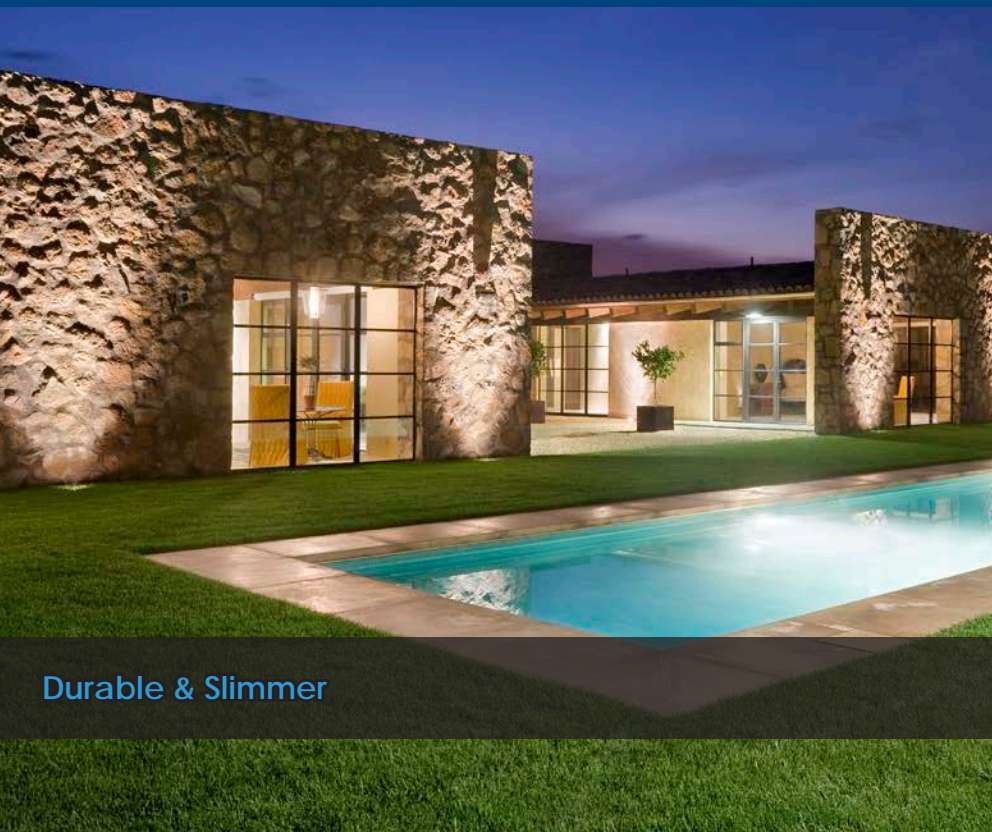




3 1 YEARS

STEEL WINDOWS & DOORS





Durable & Slimmer

Optimum Window Manufacturing Corp. has made its mark in the window industry as the largest and most diversified manufacturer of fire rated windows. Over the last 16 years the product offering has grown to include the FLEX systems. This new family of products entails 2 different series, which are:

- Flex 5500 non-thermally broken system
- Flex 6500 medium style thermally broken system

These various series can be produced in cold rolled steel, stainless steel, Cor-Ten steel and architectural BRONZE. Through the properties of their respective materials, structural strength, and variety of finishes, these four materials can be used by designers to resolve almost any type of project.

The process of translating the architectural vision of a project into reality is conducted by our engineering staff, which specialize in converting architectural renderings into CAD drawings. The project is then executed using special window and door engineering software that speeds the process from approval onto the factory floor. Let Optimum join you in creating your next project, whether it is institutional, commercial, or high end residential in scope. Optimum is ready to become your single source for custom metal windows and doors.



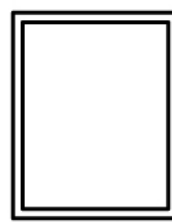
Window and Door Systems

**Thermally
&
Non-Thermally Broken**

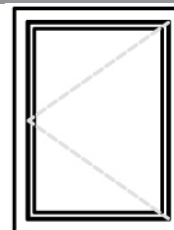
Features:

- Cold Rolled Steel
- Flush Exterior
- Glazing up to 1 1/2"

AVAILABLE MODELS:



FIXED



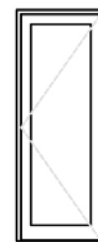
CASEMENT



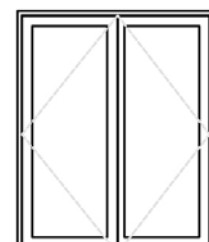
PROJECT IN



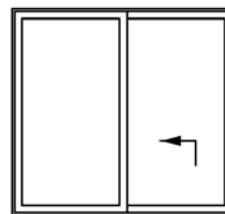
PROJECT OUT



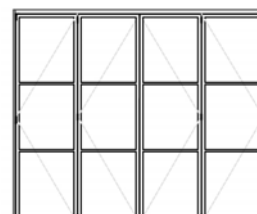
SINGLE DOOR



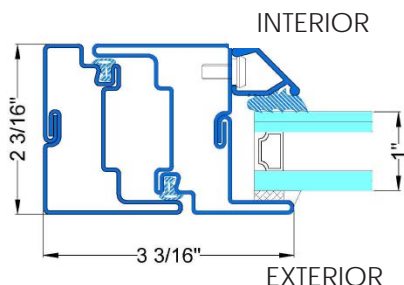
FRENCH DOOR



LIFT & SLIDE



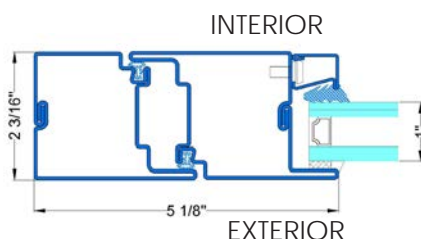
5500 SB Series



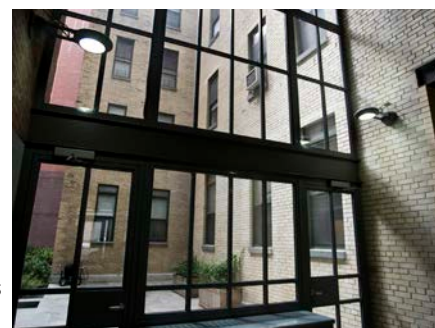
- Fully Welded Frame
- True Muntin Grids
- Dual Weather-Stripping
- Cold Roll Steel
- Dual Weather-Stripping
- MultiPoint Hardware (Standard)
- Reinforced Corners
- Residential Applications
- Undercoat Galvanized Steel
- Insulated Glass From 1/4" up to 1" overall thickness
- Paint (Powder Coating)
- 10 Year Paint Warrantee
- OverSized Doors and Windows
- Available in Additional Metals (Bronze, Stainless Steel, Core Ten)



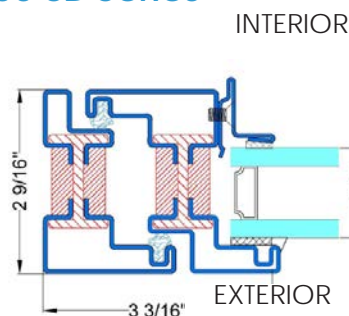
5500 Series



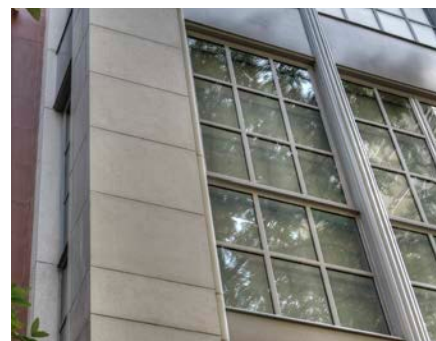
- Fully Welded Frame
- Cold Roll Steel
- True Muntin grids
- Dual Weather-Stripping
- MultiPoint Hardware (Standard)
- Reinforced Corners
- Commercial Applications
- Undercoat Galvanized Steel
- Insulated Glass From 1/4" up to 1" overall thickness
- Paint (Powder Coating)
- 10 Year Paint Warrantee
- OverSized Doors and Windows
- Available in Additional Metals (Bronze, Stainless Steel, Core Ten)



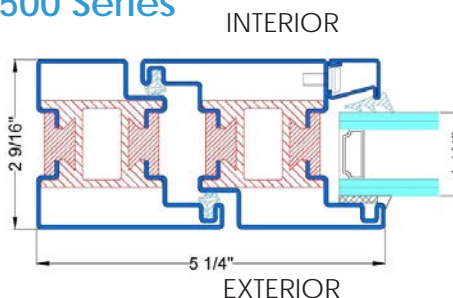
6500 SB Series



- Fully Welded Frame
- Cold Roll Steel
- True Muntin Grids
- Dual Weather-Stripping
- MultiPoint Hardware (Standard)
- Reinforced Corners
- Residential Applications
- Undercoat Galvanized Steel
- Insulated Glass From 1" up to 1 5/8" overall thickness
- Paint (Powder Coating)
- 10 Year Paint Warrantee
- Over-sized Doors and Windows
- Available in Additional Metals (Bronze, Stainless Steel, Core Ten)
- Bi-Metals Capabilities



6500 Series



- Fully Welded Frame
- Cold Roll Steel
- True Muntin Grids
- Dual Weather-Stripping
- MultiPoint Hardware (Standard)
- Reinforced Corners
- Commercial Applications
- Undercoat Galvanized Steel
- Insulated Glass From 1" up to 1 5/8" overall thickness
- Paint (Powder Coating)
- 10 Year Paint Warrantee
- OverSized Doors and Windows
- Available in Additional Metals (Bronze, Stainless Steel, Core Ten)
- Bi-Metals Capabilities





UL Approved



Window and Door Systems

Systems available
with ratings ranging from
45 to 90 Minutes
Fire Rated

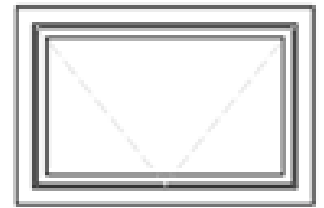
Features:

- Cold or Hot Rolled Steel
- Warranty on Finish up to 10 Years
- Glazing from 3/16" up to 1 1/4" in overall thickness
- Insulated glass available

AVAILABLE MODELS:



FR6000



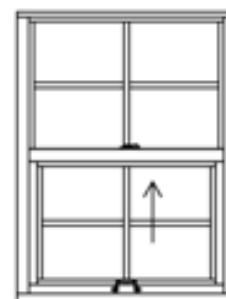
FR8600



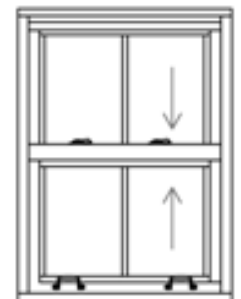
FR4700



FR7600 TSS



FR7650TSH



FR765 TDH

Optimum has **revolutionized** the construction industry by offering the most comprehensive line of steel fire rated windows. Today, we are the largest and most efficient manufacturer in our field, with fire ratings ranging from 45 to 60 minutes all the way up to 90 minutes. Optimum's multiple window and door series are used in non-temperature rise applications and through various glazing options can be modified to address applications such as:

- Thermal performance (insulated glass)
- Impact resistance (Category II)
- Sound transmission
- Ballistics

All window and door series can be installed in both interior and exterior applications, and are fully tested and listed by UL (Underwriters Laboratories). Optimum's fire rated windows and doors are MEA approved for use in the City of New York.

Optimum's windows and doors are produced from 100% recycled steel. With the exception of the FR4700, the fire rated series is galvanized and then continues through a rigorous 7 stage pre-treatment. They are then primed and painted with electro-statically applied powder, which is considered an environmentally friendly finishing process. All units come in a variety of standard colors as well as custom. All windows and doors are shipped completely finished (assembled, painted and glazed), reducing and or eliminating additional labor onsite.

FR55

Fixed Window & Door

- Self Closing Door
- Cold Rolled Steel
- UL Approved Windows & Doors

Spec. Summary:
Ratings up to 1 1/2 hours
Glazing up to 1 1/4" OA thick
Max door dim. 46" x 98"



FR4700

Casement Window

- Self Closing casement
- Hot Rolled Steel
- UL Approved Windows & Doors

Spec. Summary:
Ratings up to 3/4 hour
Glazing up to 1" OA thick
Max casement dim : 36" x 60"



FR6000/ FR55

Fixed Window

- Self Closing Door
- Cold Rolled Steel
- UL Approved Windows & Doors

Spec. Summary:
Ratings up to 3/4 hour
Glazing up to 1 1/4" OA thick
Max fixed dim. 60" x 120"



FR7650TDH

Double Hung Window

- Self-closing Double Hung
- Cold Rolled Steel
- UL Approved Window
- Certified for NY Schools

Spec. Summary:
Ratings up to 1 1/2 hours
Glazing up to 3/4" OA thick
Max window dim. 56" x 120"



FR8600

Projecting Window

- Self Closing out/ in
- Cold Rolled Steel
- UL Approved window

Spec. Summary:
Ratings up to 3/4 hour
Glazing up to 1 1/4" OA thick
Max door dim. 66" x 126"
Max frame dim. 66" x 48"



FR7650TSH

Single Hung Window

- Self Closing Door
- Cold Rolled Steel
- UL Approved Windows & Doors

Spec. Summary:
Ratings up to 1 1/2 hours
Glazing up to 3/4" OA thick
Max Window dim. 66" x 126"
for up to 3/4 hour rating
Max window dim. 56" x 120"



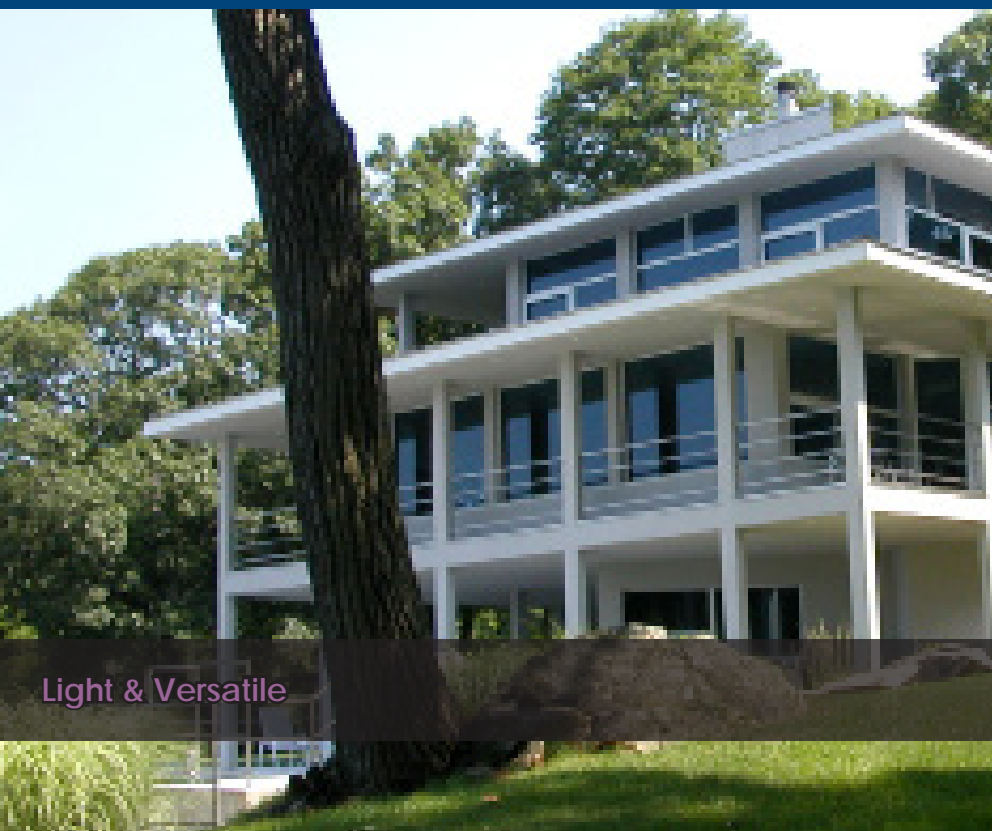
FR7600TSS

Sliding Window

- Self-Closing sliding
- Cold Rolled Steel
- UL Approved Window

Spec. Summary:
Ratings up to 3/4 hour
Glazing up to 3/4" OA thick
Max frame dim. 72" x 72"





Light & Versatile

For over 16 years Optimum Window has been manufacturing custom tilt and turn windows and terrace doors. We have been committed to utilizing the latest in thermal technologies such as insulating struts, commonly known as a thermal break. As energy costs continue to rise, thermal performance is more important than ever. But it's equally important to maintain structural integrity and the architect's aesthetic vision. As such, the struts utilized provide more thermal, structural and aesthetic benefits than any other thermal break system, delivering unmatched flexibility for system design.

For its fabrication, Optimum uses its new machining center to create the necessary holes and slots required for different types of hardware. All of our units are meticulously and proudly produced in the USA.

Our continued focus on custom hardware applications and our ability to offer custom powder coatings keeps our products in the forefront.

Optimum is persistent in its efforts to continue to lead as an environmental company. Our aluminum windows and doors are manufactured using recycled aluminum.

In addition we solidify our commitment by recycling all aluminum scrap.



Window and Door Systems

Powder-Coated
Aluminum

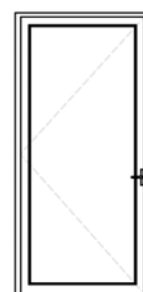
Features:

- Tilt & Turn
- Aluminum
- Up to 1" Insulated Glass

AVAILABLE MODELS:



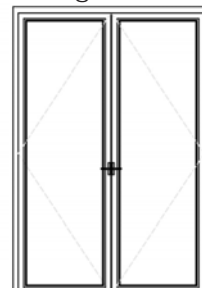
Fixed



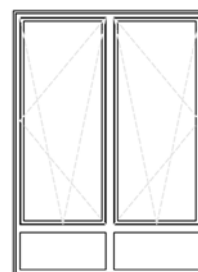
Single Door



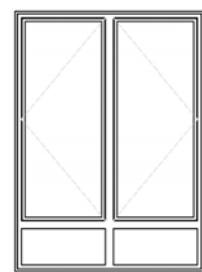
Tilt & Turn



French Door

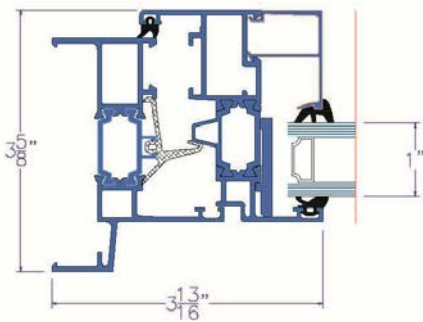


Double Tilt & Turn



Double Casement

680 Series Window



- Thermally Broken Aluminum
- Optional hardware finish
- Custodial lock on handle
- AW 50 performance



680TD Series Door



- Thermally Broken Aluminum
- Dual Finish
- Optional hardware finish
- Multi point lock





"We were extremely pleased with the professionalism and craftsmanship of Optimum Window. The entire process was a pleasure and the finished product exceeded our high expectations...Please thank everyone for us who was involved at the company for their fine work."

Hildie and Bill Lyddan
WCL Properties



news & press



NOVEMBER 2015



Mar/Apr 2015



SEPTEMBER 2014



OCTOBER 2014



WINTER 2014



FEBRUARY 2014



JANUARY 2014



OCTOBER 2013



JULY 2013

For the most up to date news and press please visit our website
at: www.optimumwindow.com

contact



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