

doors

T H E

FRENCH STEEL

C O M P A N Y

windows



NOW
HURRICANE
IMPACT RATED!

SEE PAGE 6-7
FOR DETAILS

secco

THE FRENCH STEEL COMPANY



You may have already visited there yourself. Uplifting, artistic, iconic: it's the Eiffel Tower, or as the French say, La Tour Eiffel. Soaring over the city of Paris for 130 years, it's the fifth most visited landmark in the world, and the inspiration for all our creations at The French Steel Company.

Our leadership in the field of steel products design and engineering has always had one simple goal: to design and manufacture beautiful steel doors and windows that last a lifetime. In fact, our company's mission says it all, "Lasting Beauty for the Built Environment." We marvel at how well the 100% steel Eiffel Tower defines this ethic. Powerful, beautiful, enduring.

In every field of human endeavor, there are those few who strive to be the very best. This describes all of us at The French Steel Company.

It's how we bring new members onto our team, it's how we seek to serve customers, it's how we research and implement new ideas like motorized, synchronized, horizontal pivoting steel windows.

You'll find it in our doors and windows for art museums, famous golf courses, hotels and restaurants, and the finest homes in America.

In a word, we love what we do, and it shows. From the precision welding of the frames to the selection of glass, from the hinges to the hardware, it all adds up to this: beautiful design, beautiful function.

For a lifetime.



Our Purpose at The French Steel Company Is Simple: To Create Lasting Beauty for the Built Environment.

Since 2005, we've combined technical manufacturing with
engineered designs to create beautiful doors and windows – for a lifetime.

We enjoy what we do – we think you will too!

Tom Scardino, CEO
Thomas Scardino, COO/Product Manager



Architectural Doors and Windows for Your Home or Business

Inspired by French and European architecture, since 2005, The French Steel Company offers the finest custom steel doors and windows to discerning architects, general contractors and homeowners throughout the United States. We provide tailored services to create doors and windows of the highest technical quality that meet each client's unique specifications. Our team of professionals is available to you throughout the entire construction process from design to installation.

Four Distinct Profile Collections

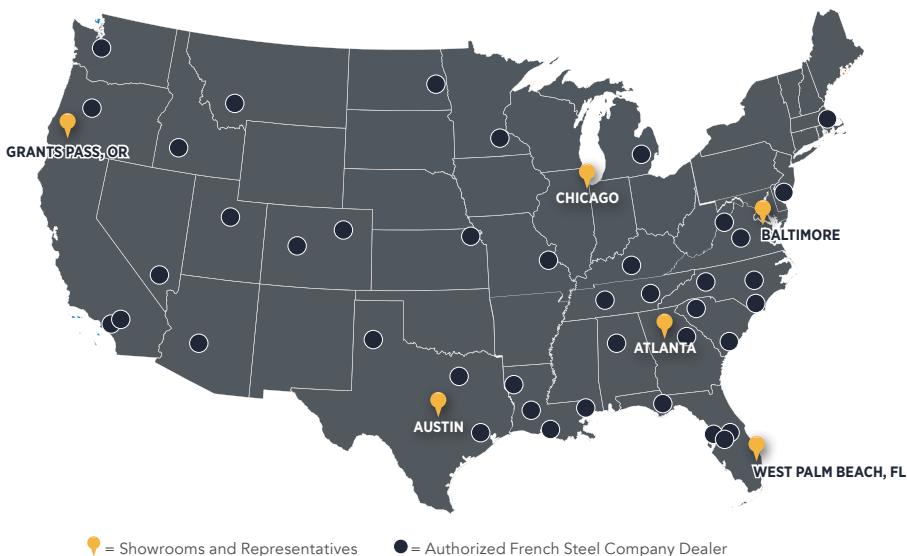
From custom front entries to window walls, casement windows and folding doors, even wine rooms, windows and storefronts. The French Steel Company works across all architectural styles with a range of design collections including Italian profiles and thermally-broken options.

Flawless Installations

Just as important to us as the design and manufacture, are the installation and servicing of your new doors and windows – they need to operate as elegantly as they look. Our installation affiliates at Scardino Doors are professional craftsmen who ensure that doors, windows and hardware function to exceed industry standards. Our installers follow InstallationMasters™ guidelines from the American Architectural Manufacturers Association (AAMA) to ensure doors, windows and hardware will “close with a click”.

Client Services

The French Steel Company serves clients nationally, with showrooms in Atlanta, Chicago, Baltimore and West Palm Beach, as well as representatives in Charlotte, Denver, Northern California, and Omaha.



Impact Series Assembly

The new French Steel Impact Series is proprietary in it's design in that it can withstand Category 4 hurricane level winds and abuse. Our assembly earned a DP (Design Pressure) rating of 45.

Test date: September 22, 2021

17' X 15' thermally-broken door and window system

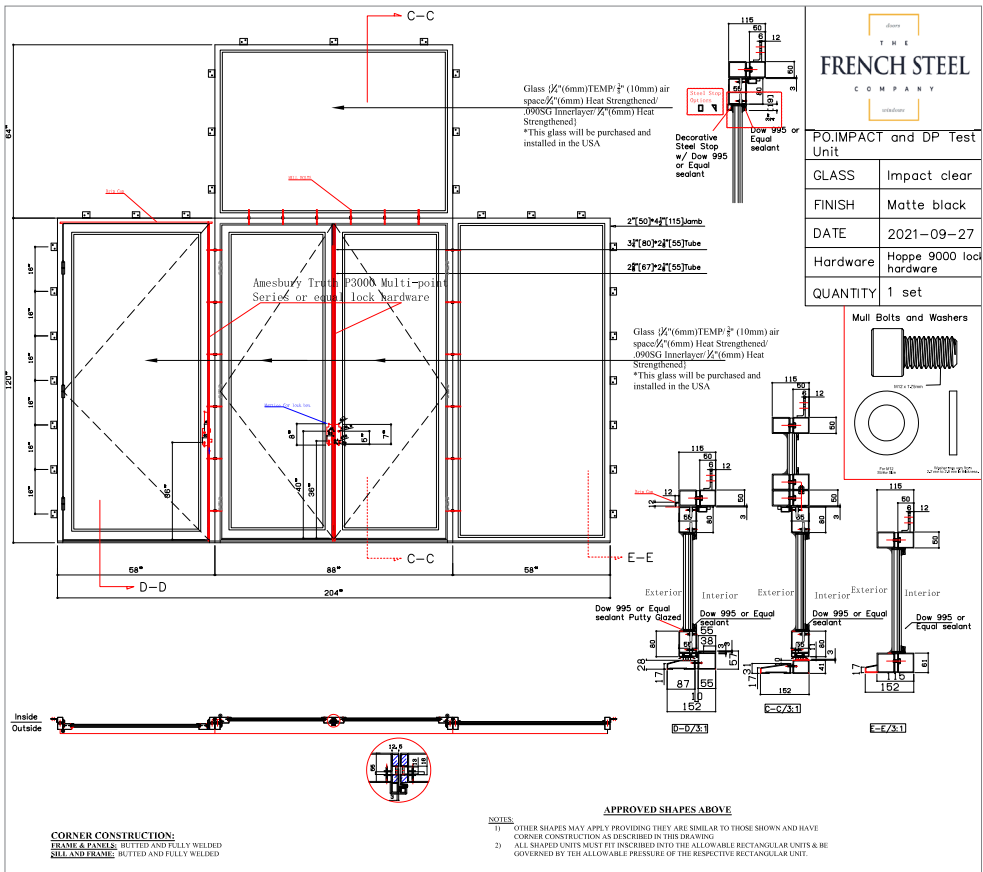
Successfully tested to 150 MPH wind loads after direct glass hits from ten (10) 8 ft. 2x4 boards

Water test approved

– Impact 45 rating

– DP 45 rating

– Additional testing to PSF 65 rating after impact



GENERAL NOTES ON OUR IMPACT SERIES

- 1) This product has been tested and approved for design pressures not to exceed those shown in the "design pressure table (s)".
- 2) Rough openings, bucking and bucking fasteners must be properly designed and installed to transfer wind loads to the structure.
- 3) All hardware and fasteners shall be in accordance with theses drawings and shall not vary unless specifically mentioned on the drawings. Specified anchors embed to base material shall be beyond wall finish or stucco.
- 4) This product has been designed in accordance with and meets the requirements of the Florida building code (FBC) including high velocity hurricane zones (HWZ) & is large missile impact rated.
- 5) Impact shutters are not required with this product.
- 6) All fasteners securing product frames to pressure treated bucks or wood framing shall be capable of resisting corrosion caused by the pressure treating chemicals in the wood. Determine the positive & negatives design loads to use when referencing these documents in accordance with the governing code and wind velocity. For wind load calculations in accordance with the Florida building code, a directional factor of $k_d=0.85$ May be applied per the asce-7 standard. Materials, including but not limited to steel screws/ bolts that come in contact with other dissimilar materials shall meet the requirements of the Florida building code.
- 7) To the best of our knowledge, the product shown herein is quality assured by a Florida state approved certification/GA entity and shall be labeled in accordance with the FBC and the Florida department of business & professional regulation specifications. These drawings show all applicable elevation, combinations, installations and comparative analysis conditions as determined through testing and engineering rational analysis. Product assembly shall be in accordance with these drawings, the manufacturer's quality assurance specifications & testing reports.
- 8) Certification of this product shall be considered void if it is installed without a building permit from the applicable local building department or if it is installed by anyone other than a licensed contractor experienced with installations of this type of product.



EVALUATION OF THIS PRODUCT IS BASED ON APPLICABLE STANDARDS AND/ OR INFORMATION AND RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THIS EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THIS PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURE SHALL CONFIRM WITH THE EVALUATION ENGINEER OF RECORD THAT EVERYTHING SPECIFIED HERE-IN IS CURRENT WITH ALL CURRENT TESTING, CODES AND APPLICABLE STANDARDS.

ALLOWABLE DESIGN PRESSURE **ALL DOORS** **(1) +45/-45 PSF**

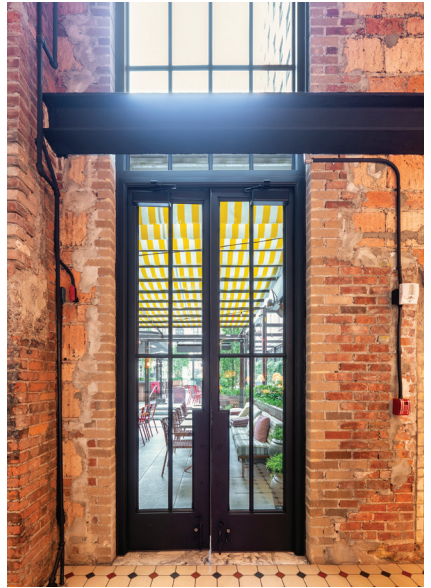
FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPES (SUBSTRATE)	MOUNTING BRACKETS FASTENERS	MINIMUM EMBED	THROUGH BOLT FASTENERS	MINIMUM EMBED	MINIMUM EDGE DISTANCE
(2) MIN. 2X4 WOOD FRAMING OR BUCK (MIN. GR. 3 & G=055)	3/8" x 3 1/2 in. Hex Galvanized Lag Screw W/ Flat washer	3"	3/8" x 4 in. Hex Galvanized Lag Screw W/ Flat washer	3 1/4"	5/8"
(2) MIN. 2X6 WOOD FRAMING OR BUCK (MIN. GR. 3 & G=055)	3/8" x 4 in. Hex Galvanized Lag Screw W/ Flat washer	3 1/4"	3/8" x 4 in. Hex Galvanized Lag Screw W/ Flat washer	3 1/4"	5/8"
(2) MIN. 2X8 WOOD FRAMING OR BUCK (MIN. GR. 3 & G=055)	3/8" x 4 in. Hex Galvanized Lag Screw W/ Flat washer	3 1/4"	3/8" x 4 in. Hex Galvanized Lag Screw W/ Flat washer	3 1/4"	5/8"

SIIL ANCHOR REQUIREMENTS TABLE

OPENING TYPES (SUBSTRATE)	MOUNTING BRACKETS FASTENERS	MINIMUM EMBED	THROUGH BOLT FASTENERS	MINIMUM EMBED	MINIMUM EDGE DISTANCE
(2) MIN. 2" LAYERS SUBFLOOR WITH SOLID RIM JOIST BELOW	N/A	N/A	1/4 in. x 3 in. Torx Powering T-Star Drive Washer Head Yellow Zinc Coated Lag Screw	2 3/4"	1"
4" MIN. CONCRETE SUBFLOOR	N/A	N/A	1/4 in. x 2-3/4 in. Hex-Washer-Head Concrete Anchors	2"	1"





NoHo Hospitality Group's Bar Primi

LOCATION New York City

ARCHITECT Meyer Davis

GENERAL CONTRACTOR Vanguard Construction & Co.

DESIGNER Meyer Davis

PRODUCT Storefront Series

HIGHLIGHTS

- Freestanding Storefront Vestibule
- Enlarged openings Over 16' Tall
- Historic Loading Dock Restoration & Conversion
- Private Dining Room with Multiple Custom Colored Bendheim Glass Selections





Steel on The Waterfront

LOCATION Lake Oconee, Georgia
ARCHITECT Paige Ruhl
GENERAL CONTRACTOR DreamBuilt, LLC
DESIGNER Paige Ruhl
PRODUCT Classic Series

- HIGHLIGHTS**
- Single and Double Steel Entries
 - Custom Exterior Shower Door System
 - Color Matched Existing Structural Steel Posts





Artful Dining at Peppervine in Charlotte

LOCATION Charlotte, North Carolina

ARCHITECT LS3P

GENERAL CONTRACTOR Tyler2 Construction

DESIGNER Benton Parker Interiors

PRODUCT Classic Series Thermally-Broken

HIGHLIGHTS

- 27' Six-Panel Curved Wine Room Doors
- Multi-panel Steel Folding Doors
- Thermally-Broken Doors
- Custom Hardware
- Special Order Privacy Glass





Executive Home

LOCATION Atlanta, Georgia
INSTALLER Architectural Visions Inc.
PRODUCT Classic Series Thermally Enhanced
HARDWARE Ashley Norton

- HIGHLIGHTS**
- 4 Double Doors
 - 6 Fixed Doors
 - 1 Fixed Window
 - 15/6 X 10/0 6 Panel Folding Unit





Gunnison Trace

LOCATION River Club, Suwanee GA
DESIGNER Pineapple House
INSTALLER Scardino Doors
HARDWARE Ashley Norton

HIGHLIGHTS

- 3 112" x 135" Lift and Slides
- 5 Fixed Window Units
- Culver Incorporated
- 2 Double Doors with Sidelights and Transoms





Historic Georgetown

LOCATION Washington, DC
INSTALLER Scardino Doors
PRODUCT Classic Series
HARDWARE Ashley Norton

HIGHLIGHTS

- 6 Panel Folding Door System with French Double Doors in the Center

Note: The French Steel Company provides permitting for local ordinances and Historic Preservation Review Boards





BEFORE



AFTER

Remodel: Wood to Steel

LOCATION Brookhaven, Georgia
INSTALLER Scardino Doors
PRODUCT Classic Series
HARDWARE Ashley Norton

HIGHLIGHTS

- 3 Double Doors
- A Single Fixed Window
- Previous Wood Doors + Transom Converted to Full-Height Steel Doors

Architectural Glass

The French Steel® Company offers a wide range of glass options to further customize doors and windows. For doors, the choice of glass is based on whether the door is for an entryway or an interior, how much privacy and light are desired, and the overall look you are trying to achieve.

Our glass panels are typically insulated and tempered for safety. Many special order patterns are available, as well as laminated glass for coastal hurricane zones.

Standard glass is low-e for energy efficiency, with multiple specs available per local building codes.



FLEMISH



GLUE CHIP



WATER CUBE



PEAR GLASS



RAIN



SANDBLAST



SILVER RIPPLE



REED



CLEAR LOW-E



AQUATEX

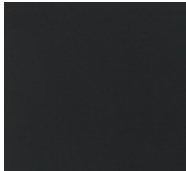


TEA

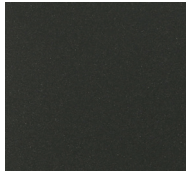
Color and Finishes

The French Steel Company offers high-performance fluorocarbon paint finishes for your steel windows and doors, providing superior durability and long-lasting beauty. These advanced finishes are engineered to resist fading, chalking, and corrosion, ensuring your steel frames maintain their pristine appearance over time, even in harsh environments. Available in a wide range of colors and customizable options, fluorocarbon finishes combine aesthetic versatility with exceptional performance.

This coating technology is particularly well-suited for residential, commercial, and architectural projects requiring low maintenance and enduring elegance. By choosing a fluorocarbon finish, you enhance the value and longevity of your steel windows and doors.



FLAT BLACK



SANDY BLACK



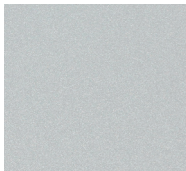
DARK BRONZE



SILVER OXIDE



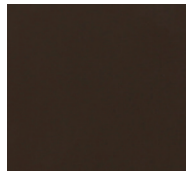
CHAMPAGNE
GOLD



GUNMETAL



PORCELAIN
WHITE



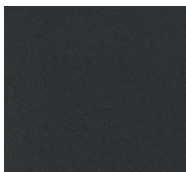
BURNISHED
BRONZE



HONEY BRONZE



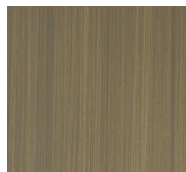
LEADED GRAY



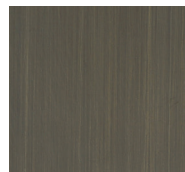
SLATE GRAY



*BRUSHED
NATURAL BRASS



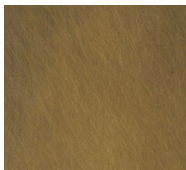
*BRUSHED LIGHT
BURNISHED BRASS



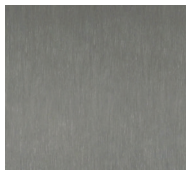
*BRUSHED DARK
BURNISHED BRASS



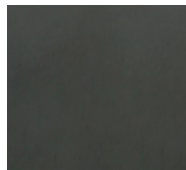
*TEXTURED
NATURAL BRASS



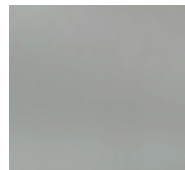
*TEXTURED LIGHT
BURNISHED BRASS



**SECCO
SCOTCH-BRITE



**SECCO
BURNISHED



**SECCO
POLISHED



SCAN FOR MORE
INFORMATION

Handle Set Hardware and Commercial Hardware

Selecting the best hardware for your custom door is important. The French Steel Company offers a variety of options from leading manufacturers of high-end residential hardware. Hardware features sturdy brass or bronze construction, providing security and multiple style options.

EMTEK MORTISED HARDWARE FRENCH STEEL RECOMMENDED



FRENCH STEEL HARDWARE
Artemis Lever x Lever
Emtek
Mortised



FRENCH STEEL HARDWARE
Charleston Lever x Lever
Emtek
Mortised



FRENCH STEEL HARDWARE
Mormont Lever x Lever
Emtek
Mortised



FRENCH STEEL HARDWARE
Rectangular Lever x Lever Emtek
Mortised



FRENCH STEEL HARDWARE
Rectangular Sandcast
Emtek
Mortised



FRENCH STEEL HARDWARE
Concord
Emtek
Multi-Point

Levers, Knobs and Finish Options

Choosing the right hardware is a key part of customizing your steel doors and windows. At The French Steel Company, we offer a wide selection of premium levers, knobs, and hardware finish options to match any aesthetic. Our hardware is sourced from top-tier residential manufacturers and crafted from solid brass or bronze for lasting durability, security, and timeless style.

BRASS OPTIONS



ASTON LEVER



ELAN LEVER



HELIOS LEVER



HERCULES LEVER



MERRIMACK LEVER



SANTA FE LEVER



SATIN NICKEL



POLISHED CHROME



SATIN BRASS



OIL RUBBED
BRONZE



FLAT BLACK



UNLACQUERED
BRASS

BRONZE OPTIONS



CIMMARRON LEVER



MONTROSE LEVER



DURANGO LEVER



YUMA LEVER



FLAT BLACK



MEDIUM



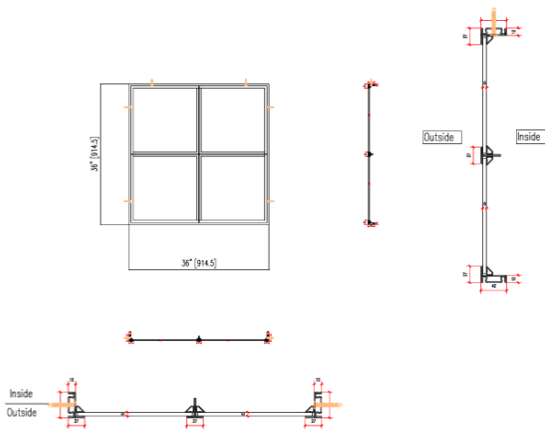
TUMBLED WHITE

Classic and Tuscan

All French Steel products are galvanized or hot zinc treated, and feature energy-efficient tempered low-E insulated glass.



TUSCAN SQUARE WINDOW



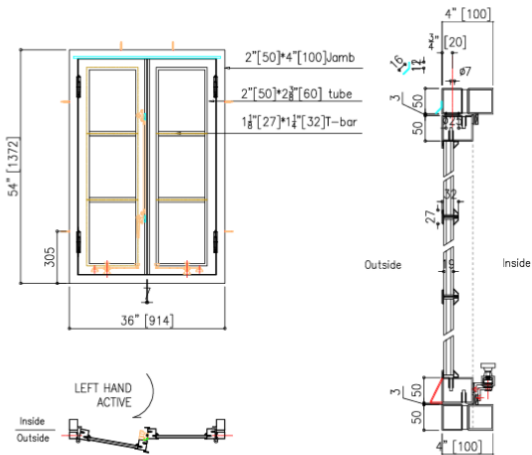
THE FRENCH STEEL COMPANY	
French Steel estimate #	
Dealer PO#	
JOB NAME	Tuscan S40_Fixed Window
Unit #	
Series	Tuscan S40
Date	2025-06-10
Thermally Broken	No
Finish	Matte Black
Glass	1/2" Clear
GLAZING	TD/glass stop
Mounting	Holes
Swing	Fixed
Handing	Fixed
HARDWARE	/
Prep	
Retractable Screen	No
QTY	1 Set
Version #	1.0
SCALE AT A3:	1/15

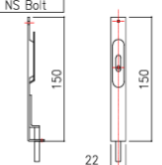
ROUGH OPENING REQUIREMENT: _____
BY SIGNING HERE, I AGREE THAT DESIGN AND DIMENSIONS AS NOTED IN THIS DRAWING ARE APPROVED AND ACCEPTED BY _____ DATE _____

CAD Drawings

Our account executives and designers work one-on-one with each client to make your vision a reality. We will provide a custom CAD drawing for each product so you can see what your door or window will look like, including details such as exact measurements and hardware mechanisms in horizontal and vertical section views.

CLASSIC SERIES FRENCH CASEMENT



THE FRENCH STEEL COMPANY	
PO#	
JOB NAME	Classic Series, Thermally Broken, French Casement
GLASS	3/4" Clear Low-e
FINISH	Matte Black
DATE	2024-02-23
BORE TYPE	/
HARDWARE	Window hardware
GLAZING	TDL /glass stop
QUANTITY	1 set
VERSION	2.0
NS Bolt	
	

108" [2743]
96" [2436]
41" [1041]
2" [50] 36" [914] 2" [50]
60" [1524]
27" [686] 30" [762]
2" [50] 4" [100] jamb
2" [50] 2" [50] tube
1/8" [27] 1/4" [32] bar
Right Hinge Active
Inside
Outside
5" [125]
170
25
FRENCH STEEL COMPANY
BI-FOLD DOOR
French Steel /
Designer R/H /
JOB NAME Classic Thermally Broken Single Door - 3 Glazing - 1 Topcase
Unit # /
Series Classic
Date 2025-02-24
Thermally Broken Yes
Finish Motte Black
Glass 3/4" Clear Low-e
GLAZING TDL/glass stop
Mounting Holes
Swing Outswinging
Hanging Right Hinge
HARDWARE Prep No
Retractable Screen
QTY 1 Set
Version # 1.0
Flush Bolt
A

BY SIGNED HERE, I AGREE THAT DESIGN AND DIMENSIONS SHOWN IN THIS DRAWING ARE APPROVED AND ACCEPTED X _____ DATE _____

Technical Drawing Details:

- Front View:** Shows a double door with a grid pattern. Dimensions include a height of 96" [2438] and a width of 100". A note indicates a 2 1/2" [59.7] offset.
- Side View:** Shows the door's profile with 'Outside' and 'Inside' labels. It includes a vertical dimension line and a small detail of the hinge mechanism.
- Detail View:** A close-up of the hinge assembly, showing the 'Left Hinge Active' and 'Right Hinge' components. It includes dimensions for the hinge plate and the door frame.
- Hardware:** The drawing specifies 'Flush Bolt: YTS4J0010' and 'Hinge: YTS4J0009'.

ROUGH OPENING REQUIREMENT:

BY SIGNING HERE, I AGREE THAT DESIGN AND DIMENSIONS AS NOTED IN THIS DRAWING ARE APPROVED AND ACCEPTED X _____ DATE _____

THE
FRENCH STEEL
COMPANY

French Steel
DOUBLE DOOR

OFFER - vrg
JOB NAME Tuscon 540_Double Door

Unit #
Series Tuscon 540

Date 2025-06-10
Thermally Broken No

Finish Matte Black
Glass 2" Clear

GLAZING Top/glass stop
Mounting Holes

Swing Inswing

Handing Left Hinge

HARDWARE
Prep /
Refractable Screen No

QTY 1 Set

Version # 1.0

SCALE AT A3: 1/15

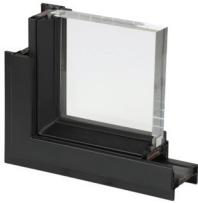
Hinge YTS4J0009

Corner Section Profiles

Note: All profiles are available in thermally-broken and laminated impact glass options.

French Steel Classic Series is custom formed from heavy gauge steel provides the greatest latitude for design flexibility for design. It is great for large monumental entrances and windows.

Skylights and specialty doors such as Pivot, Lift & Slide, or Slide & Fold are available.



TUSCAN SERIES SECCO
Thermally-Broken



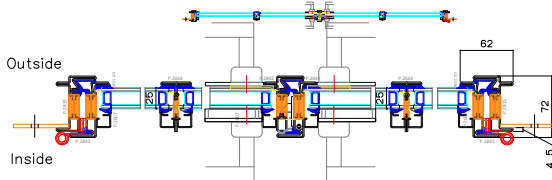
TUSCAN SERIES S40
Non-Thermally-Broken



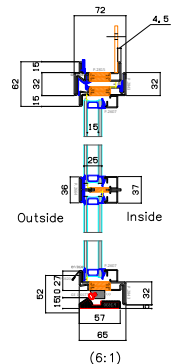
CLASSIC SERIES
Thermally Enhanced



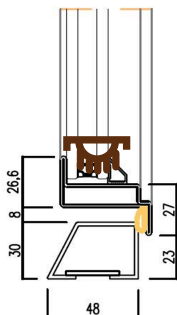
SCAN THE QR CODE TO LEARN MORE ABOUT OUR PROFILES



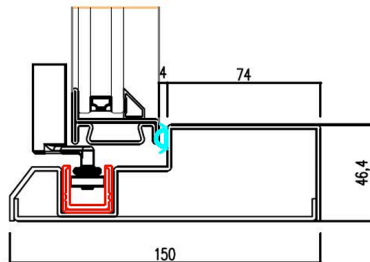
TUSCAN SERIES
Thermally-Broken



French Steel Tuscan Series features our thinnest profiles made from imported Italian components.



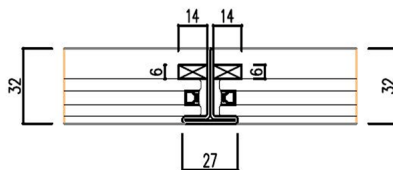
TUSCAN SERIES
Swing Out Door Detail



TUSCAN SERIES
Folding Door Detail



TUSCAN SERIES
4:1 Mounting Tab Installation Detail



TUSCAN SERIES
Glazing Method



ATLANTA SHOWROOM

1303 Logan Circle NW
Atlanta, GA 30318

AUSTIN SHOWROOM

7601 S. Congress Ave
Unit #130
Austin, TX 78745

CHICAGO SHOWROOM

2000 W Carroll Avenue
Suite 500
Chicago, IL 60612

PALM BEACH SHOWROOM

6740 East Rogers Circle
Boca Raton, FL 33487

BALTIMORE SHOWROOM

309 N Charles St
Baltimore, MD 21201

FRENCHSTEEL.COM
INFO@FRENCHSTEEL.COM

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Atlanta, GA 30325

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