

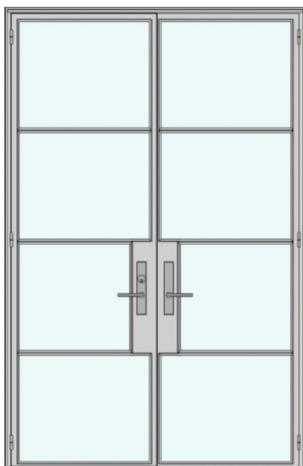


## THERMALLY BROKEN PROFILES



Euroline's Thermal Steel profiles are highly engineered and beautifully hand-crafted. The profiles combine specially formed steel with a unique, thermal isolation polymer that is extremely tough. These thermal profiles are the perfect match for our variety of insulated, low-E glass, while never compromising on the elegance expected from Euroline Steel Windows.

Inspiring a Client to realize their dreams is the mission of Euroline Steel Windows. We believe the elegance of our product must be maintained even when stringent energy conservation requirements are required for a project. Euroline has mastered the use of these high-tech Thermal Steel profiles to create the spectacular openings visualized by our Clients with the smallest possible energy footprint.



 **SAI GLOBAL**  
**ISO 9001**  
**Quality**

ISO 9001 is a quality standard that is recognized globally for helping companies do business consistently, repeatably and reliably.

Our certified ISO 9001 quality system is not easy to attain or maintain, and continually pushes Euroline toward continuous improvement, and helps us keep our promise to provide the highest manufacturing quality possible.

# PRODUCT TYPES

- Casement Windows
- Sliding Doors
- Curtain Walls
- Awning Windows
- Swing Doors
- Specialty Doors and Windows
- Bi-Fold Doors
- Wine Rooms

# PERFORMANCE

## THERMAL STEEL, DUAL GLAZED

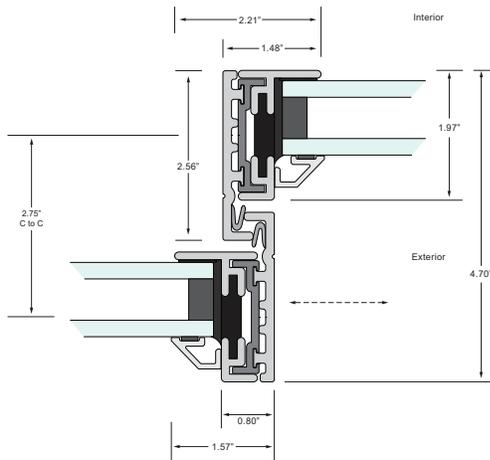
1/4" Temp SN68 • 1/2" Aluminum Spacer Argon-3/16" IS20 Temp Clear

NFRC National Fenestration Rating Council®	FIXED			CASEMENT AWNING			OUTSWING DOOR			INSWING DOOR			SLIDING DOOR			BI-FOLD DOOR		
	U FACTOR	SHGC	VT	U FACTOR	SHGC	VT	U FACTOR	SHGC	VT	U FACTOR	SHGC	VT	U FACTOR	SHGC	VT	U FACTOR	SHGC	VT
	0.28	0.33	0.60	0.38	0.28	0.48	0.32	0.31	0.55	0.32	0.31	0.55	0.32	0.32	0.57	0.30	0.33	0.61

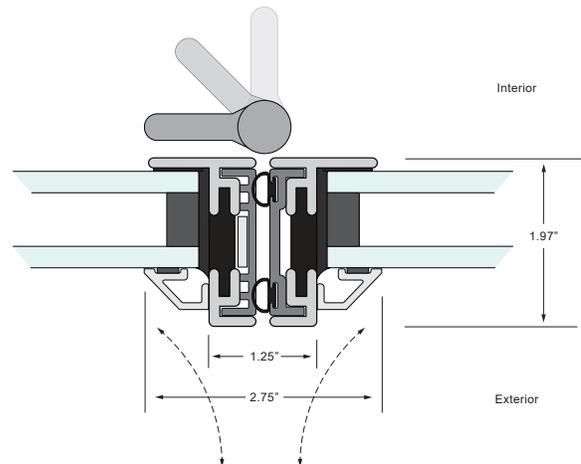
## THERMAL STEEL, TRIPLE GLAZED

3/16" Clear tempered with Cardinal 272 • 3/8" Aluminum Spacer • Argon Gap Fill  
3/16" Clear Tempered with Cardinal 3/8" Aluminum Spacer • Argon Gap Fill • 3/16" Clear Tempered

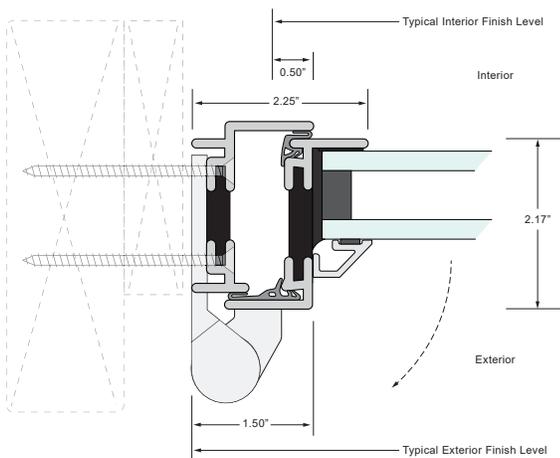
NFRC National Fenestration Rating Council®	FIXED			CASEMENT AWNING			OUTSWING DOOR			INSWING DOOR			SLIDING DOOR			BI-FOLD DOOR		
	U FACTOR	SHGC	VT	U FACTOR	SHGC	VT	U FACTOR	SHGC	VT	U FACTOR	SHGC	VT	U FACTOR	SHGC	VT	U FACTOR	SHGC	VT
	0.21	0.29	0.50	0.31	0.25	0.41	0.27	0.27	0.46	0.26	0.27	0.46	0.26	0.28	0.48	0.24	0.30	0.51



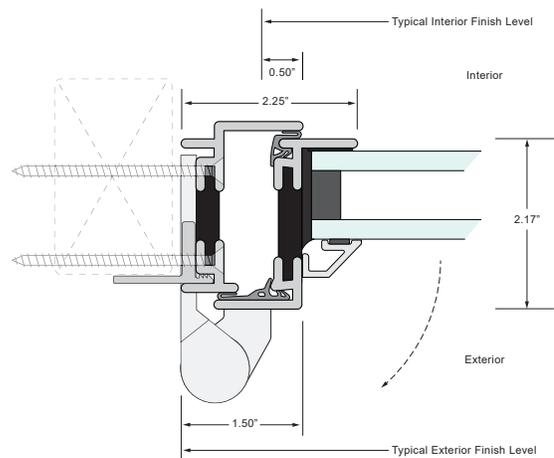
THERMAL STEEL SLIDER-INTERLOCK



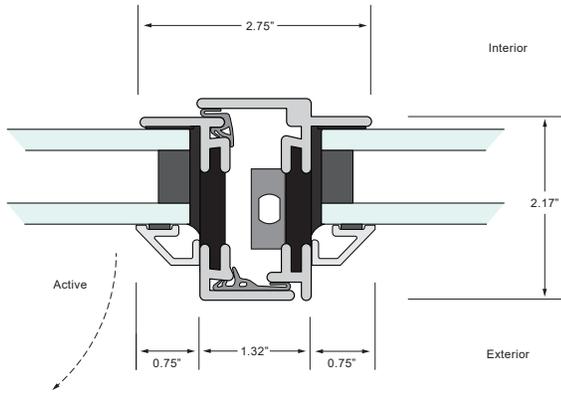
THERMAL STEEL BIFOLD HINGED



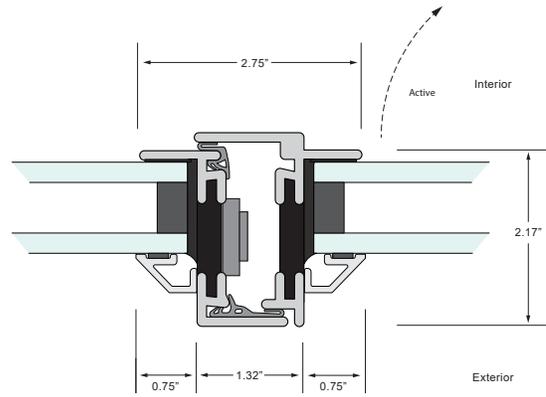
THERMAL STEEL OUTSWING



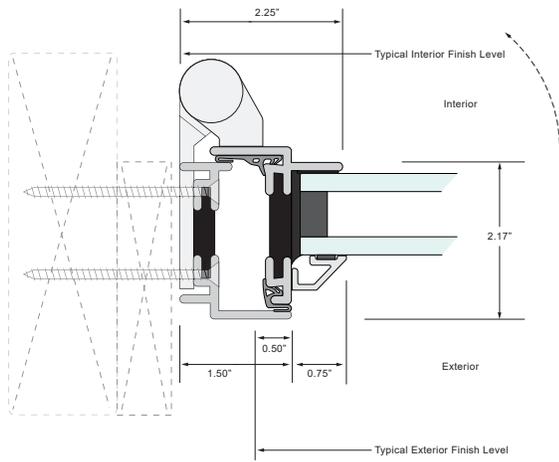
THERMAL STEEL OUTSWING WITH SEAL FLANGE



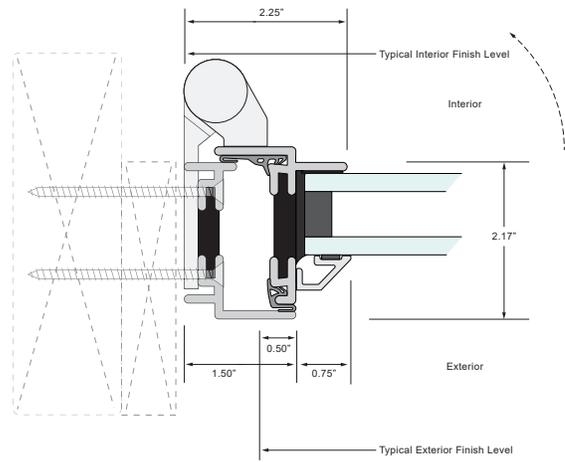
*THERMAL STEEL FRENCH OUTSWING ASTRAGAL*



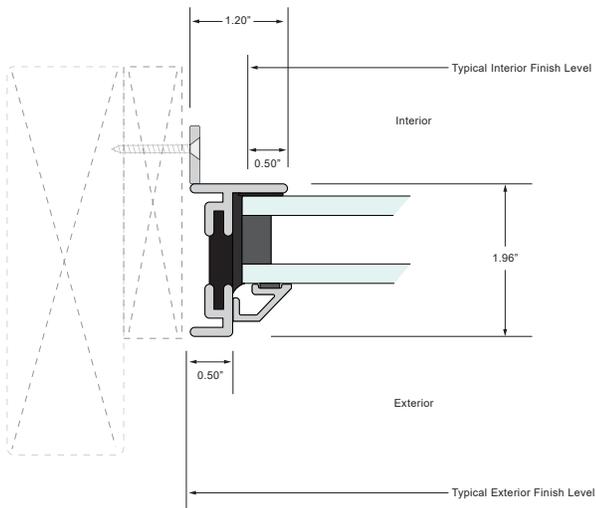
*THERMAL STEEL FRENCH INSWING ASTRAGAL*



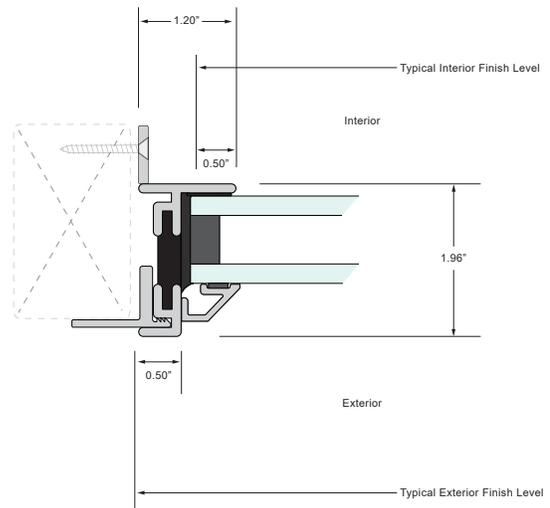
*THERMAL STEEL INSWING*



*THERMAL STEEL INSWING WITH SEAL FLANGE*



*THERMAL STEEL FIXED*



*THERMAL STEEL FIXED WITH SEAL FLANGE*



We work with clients to select custom colors, finishes and textures that are extraordinary and unique as they are.

## POPULAR COLOR OPTIONS

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Raw Profile



Carbon Black



Euro Bronze



Phantom Gray



Spring Gray

## ZINC METALIZATION

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We start with a base frame that is crafted from steel.

After fabrication, the steel surfaces are sandblasted and then immediately thermal sprayed or “Zinc Metalized” to protect the steel from corrosion.

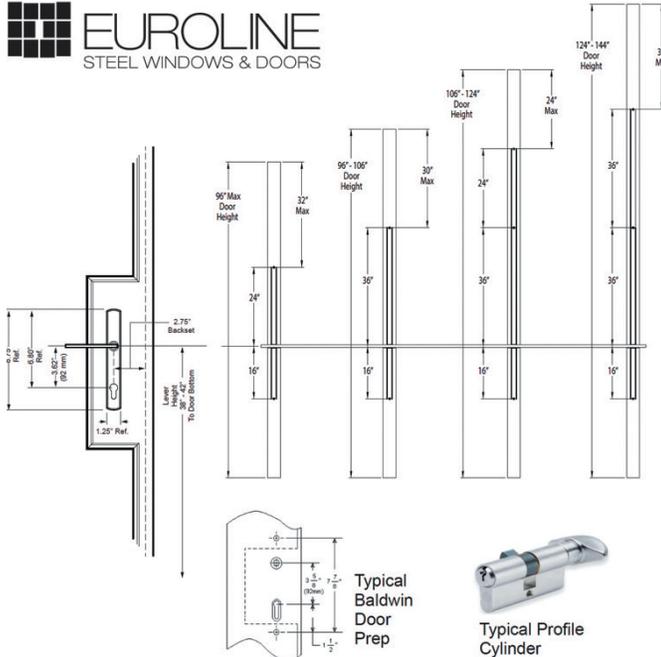
Zinc metalization is similar to hot-dipped galvanizing (both are zinc coatings) however zinc metalization provides a thicker zinc layer that is more pure, more corrosion resistant and can be alloyed with aluminum for special conditions like coastal locations.

Since zinc metalization is done by actually melting zinc and applying the molten metal directly to the steel with a special spray gun, the zinc surface produced is a bit rough and suitable for painting (unlike hot dipping). The process does not produce off-gas or require noxious chemicals, and is environmentally safe.

The zinc will oxidize more quickly and the zinc oxides seal the surface immediately so that oxygen cannot reach the steel substrate. These zinc oxides are non-soluble and do not wash off.

The unique properties of this protection can even “heal” minor scratches in the zinc layer and continue to protect the steel substrate.

# MULTI-POINT LATCHING CONFIGURATIONS



Euroline Steel Windows & Doors has created a new Multi-Point Lock (MPL) for our True Steel and Thermal Steel outswing door offerings.

## Key Features and Benefits

- 3 or 4-Point Locking (based on door height)
- Standard Lever Handle Hardware Options
- Stainless Steel Fabrication
- Industry-trusted Hoppe™ HLS 9000 Series mortise lock - 70mm backset
- Deadbolt Security MPL Lockout
- True Steel and Thermal Steel Single and French Outswing Doors

# HARDWARE TYPES

We offer many options from our hardware partners.



# LEVER AND HINGE TYPES



Curved Lever



Squared Lever



Acorn Barrel Hinge



4-Bar Hinge