

ESSENCE

W67ST HI²



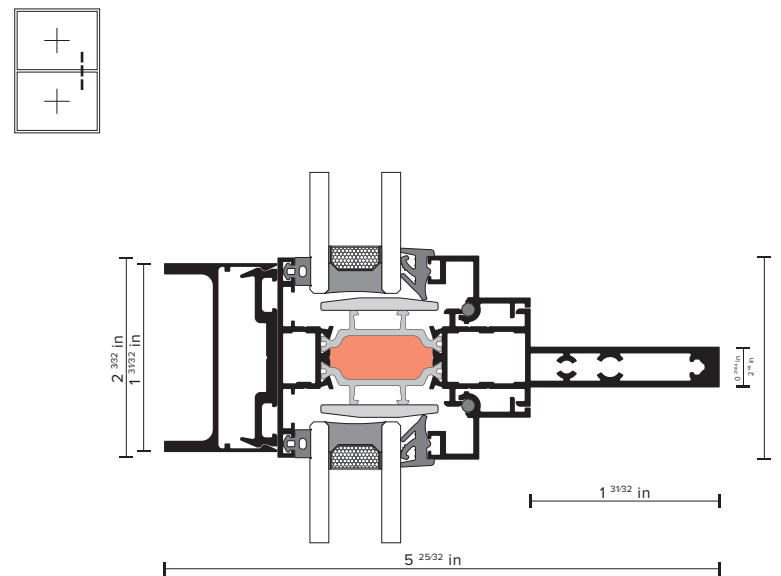
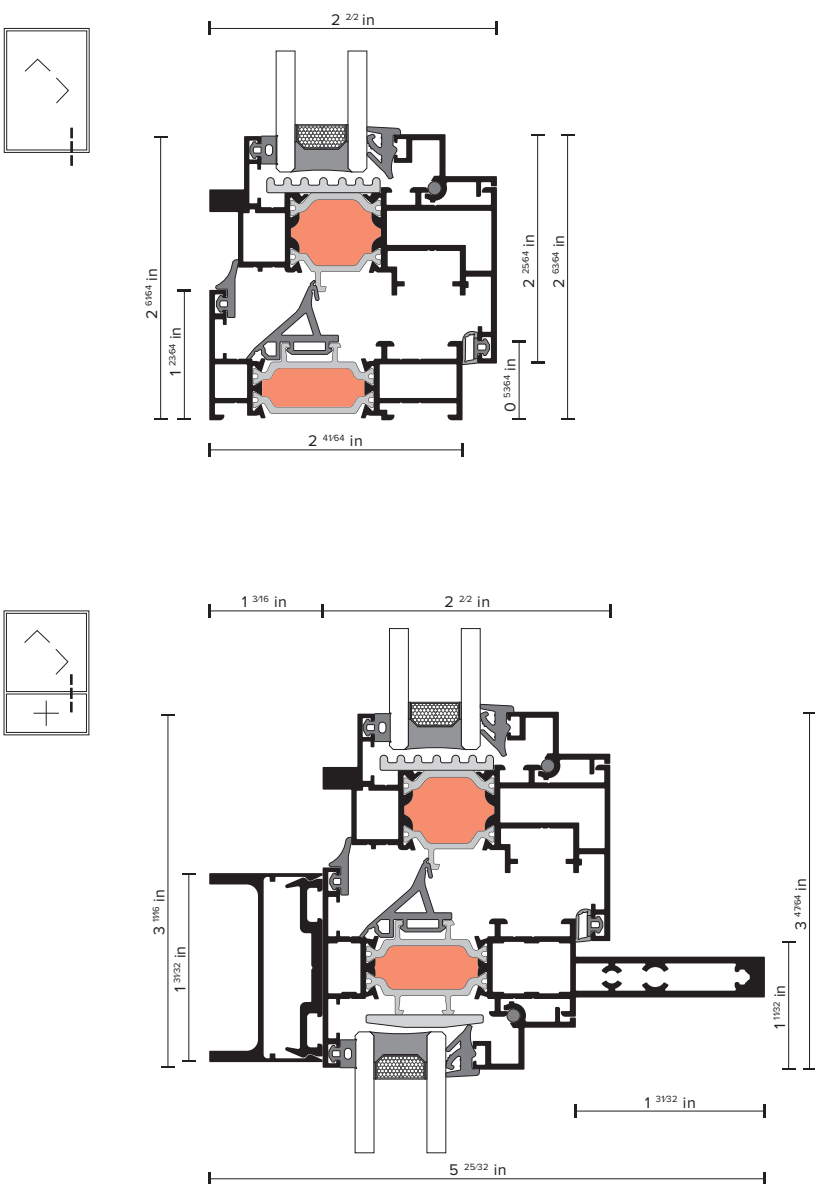
OPENING SYSTEM

The astragal bars on this profile are an additional design element that offers versatility and depth to your aesthetic approach. The features and technologies will offer comfort and satisfaction to the users of your project. ELVIAL happily guarantees all.

ESSENCE





W67ST HI²

This solution combines great technologies and our unparalleled sense of design to help you create an aesthetically pleasing and pleasant space for all its users.







IDENTITY

DESIGN

System Depth		2⁴/₁₆	in
Min Face Height Frame - Sash		2⁶/₁₆	in
Min Face Height Threshold - Sash		-	
Min Face Height Middle Mullion		4⁷/₁₆	in

PROPERTIES

Max Sash Height		94³/₁₆	in
Max Sash Width		47¹/₄	in
Max Sash Weight		330	lb
Max Glass thickness		1¹³/₁₆	in

ESSENCE W67ST HI² offers you endless solutions in both European groove mechanism **[CE]** and Multilock groove mechanism **[ML]**

PERFORMANCE

ENERGY

Thermal Insulation Uf	EN ISO 10077-2	≥0.25 Btu/hr.ft².°F
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COMFORT

Air Permeability	EN 12207	Class 4 [600Pa]
Watertightness	EN 12208	E900 [900Pa]
Resistance to Wind Load	EN 12210	C5 / B5 [2.000Pa]

TECHNOLOGY

THERMAL INSULATION

- 1 **1 17/64 in** Insulating Bars in frame and **0 15/16 in** in sash Glass Fiber re-enforcement **25%**
- 2 **ELVIAL I²** _ Innovative Insulation Technology
- 3 **Co-Extruded** Gasket
- 4 Foam **Insulating** Profile

SEALING SYSTEM

- 1 Optimal 3-level Waterproofing with specially designed **EPDM** and Co-extruded Gaskets
- 2 **EPDM** Gasket Corners
- 3 **EPDM** End Cups for **Adjoining Profile**

INNOVATION

- 1 **Ghost Glazing Gaskets** Minimizes the visible facet and renders the gaskets practically invisible

EXTRA FEATURES

HANDLES FOR UNIQUE STYLE



COLORS



ENERGY LEVELS



Level 1
*Uf: ≥ 0.39 Btu/hr.ft².°F



Level 2
*Uf: ≥ 0.33 Btu/hr.ft².°F

*Energy performances concern the specific sash-frame combination



Level 3
*Uf: ≥ 0.31 Btu/hr.ft².°F

INWARD OPENING CONSTRUCTIONS



Single sash fixed



Single sash fixed with skylight



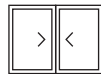
Single sash opening



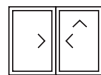
Single sash tilt & turn



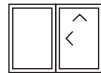
Double sash fixed



Double sash opening

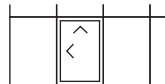


Double sash tilt & turn



Single sash tilt & turn with fixed part

OUTWARD OPENING CONSTRUCTIONS



Special typology window wall

elvial

SEE LIFE FROM A DIFFERENT
VIEW THROUGH ELVIAL'S
ALUMINIUM SYSTEMS

**DISCOVER OUR INNOVATIVE
TECHNOLOGIES**

ELVIAL I² INSULATION TECHNOLOGY
ELVIAL PRE-ANODIZING 2IN1

**DISCOVER MORE ALUMINIUM
SYSTEMS**

ICONIC W77 AI²
ICONIC W77BS AI²
ICONIC W77ST AI²

ESSENCE W67 HI²
ESSENCE W67BS HI²

ELVIAL W59 SI²
ELVIAL W60BS SI²

ESSENCE SL60 HI²
ESSENCE SL60 HI² FLAT EDITION
ELVIAL SL60 HI² CLASSIC
ESSENCE SL50 HI² FLAT EDITION
ELVIAL SL50 HI² CLASSIC

ELVIAL SL46 SI² CLASSIC
ELVIAL SL46 SI² FLAT EDITION
ELVIAL SL46 SI²_MD

ICONIC D77 AI²
ESSENCE D67 HI²

ESSENCE SD55
ESSENCE CLADDING CL180

elvial.com

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