

ESSENCE

# W67BS HI<sup>2</sup>



## OPENING SYSTEM

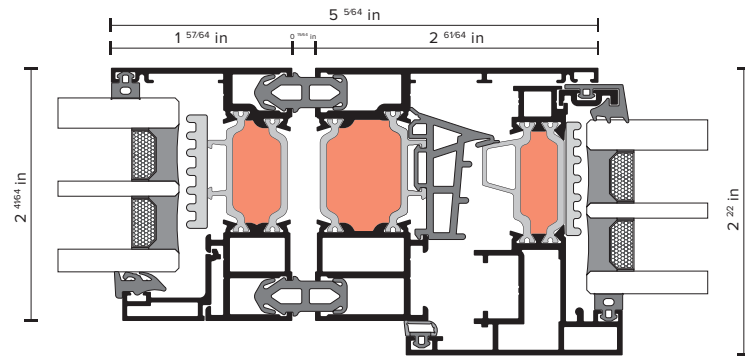
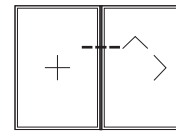
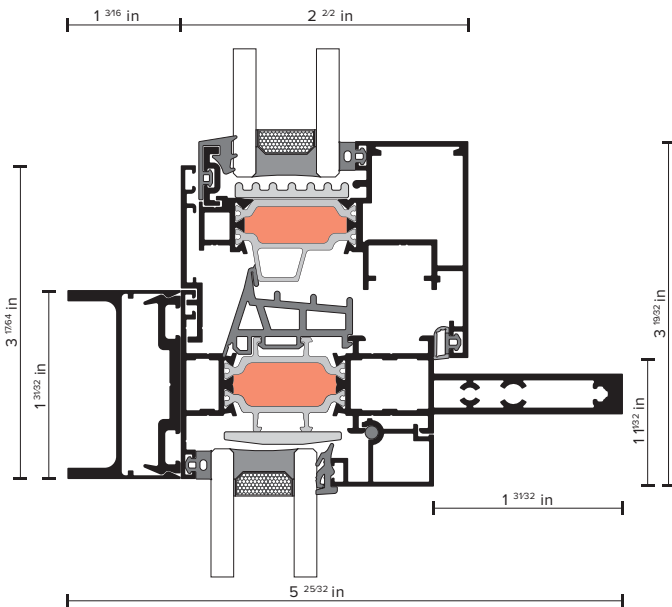
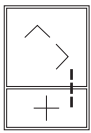
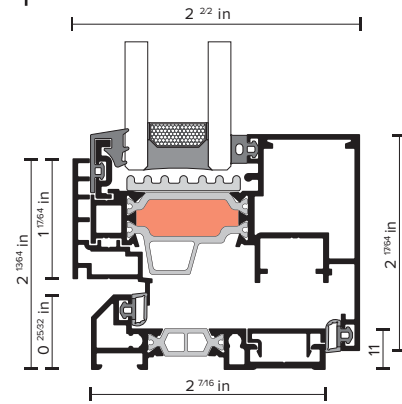
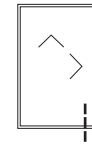
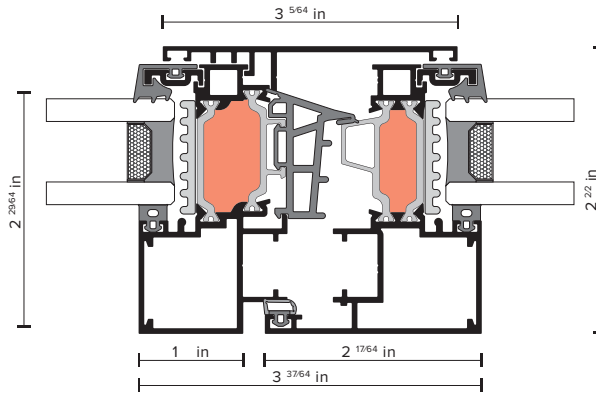
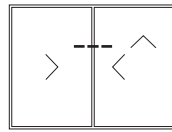
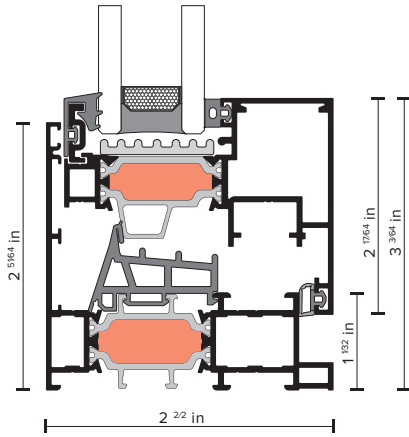
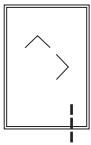
---

ESSENCE W67BS combines minimal looks with optimal technologies to produce unparalleled quality according to your project specs.

ESSENCE

# W67BS HI<sup>2</sup>

The linear design, the variety of solutions and the meticulous performance of the details are tailored to accommodate all your ideas and designs.



## TECHNOLOGY

### THERMAL INSULATION

- 1 Insulating Bars **1 17/64 in** with Glass Fiber re-enforcement **25%**
- 2 **ELVIAL I<sup>2</sup>** \_ 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 Static sufficiency, timelessness, and flawless operation achieved through the **Joint Corner** use on the outer side of the sash
- 2 Unified design of **Outer Sealing Gasket** in all ELVIAL BS Systems

## EXTRA FEATURES

### HANDLES FOR UNIQUE STYLE

### COLORS



Black Anodized



Inox Satine

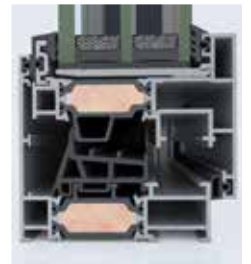


Natural Anodized

## ENERGY LEVELS

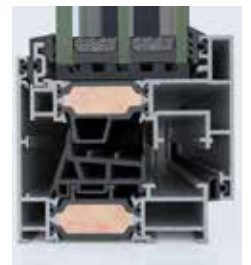


Level 1  
\*Uf: **≥0.38** Btu/hr.ft<sup>2</sup>.°F



Level 2  
\*Uf: **≥0.33** Btu/hr.ft<sup>2</sup>.°F





\*Energy performances concern the specific sash-frame combination







Level 3  
\*Uf: **≥0.31** Btu/hr.ft<sup>2</sup>.°F

## IDENTITY

### DESIGN

System Depth		<b>2 4164</b>	in
Min Face Height Frame - Sash		<b>2 1932</b>	in
Min Face Height Threshold - Sash		<b>2 1364</b>	in
Min Face Height Middle Mullion		<b>3 564</b>	in

### PROPERTIES

Max Sash Height		<b>98 2764</b>	in
Max Sash Width		<b>55 18</b>	in
Max Sash Weight		<b>286</b>	lb
Max Glass thickness		<b>1 1316</b> Or <b>1 3964</b> Or <b>1 764</b>	in

**ESSENCE W67BS HI<sup>2</sup>** offers you endless solutions in both European groove mechanism [**CE**] and Multilock groove mechanism [**ML**]

## PERFORMANCE

### ENERGY

Thermal Insulation Uf	EN ISO 10077-2	<b>≥0.21 Btu/hr.ft<sup>2</sup>.°F</b>
-----------------------	----------------	---------------------------------------

### COMFORT

Air Permeability	EN 12207	<b>Class 4</b> [ 600Pa ]
Watertightness	EN 12208	<b>E1050</b> [ 1.050Pa ]
Resistance to Wind Load	EN 12210	<b>C5 / B5</b> [ 2.000Pa ]
Sound Reduction	EN 10140-2	<b>38dB</b> <sup>Glazing</sup> 6/32/44.2

**INWARD**



Single sash fixed



Single sash fixed with skylight



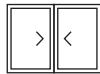
Single sash opening



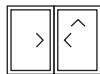
Single sash tilt & turn



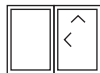
Double sash fixed



Double sash opening



Double sash titl & turn

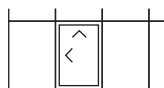


Single sash titl & turn with fixed part



Single sash tilt & turn with fixed parts  
using contractions and expansions

**OUTWARD**



Special typology window wall

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

**DISCOVER OUR INNOVATIVE  
TECHNOLOGIES**

ELVIAL I<sup>2</sup> INSULATION TECHNOLOGY  
ELVIAL PRE-ANODIZING 2IN1

**DISCOVER MORE ALUMINIUM  
SYSTEMS**

ICONIC W77 AI<sup>2</sup>  
ICONIC W77BS AI<sup>2</sup>  
ICONIC W77ST AI<sup>2</sup>

ESSENCE W67 HI<sup>2</sup>  
ESSENCE W67ST HI<sup>2</sup>

ELVIAL W59 SI<sup>2</sup>  
ELVIAL W60BS SI<sup>2</sup>

ESSENCE SL60 HI<sup>2</sup>  
ESSENCE SL60 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL60 HI<sup>2</sup> CLASSIC  
ESSENCE SL50 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL50 HI<sup>2</sup> CLASSIC

ELVIAL SL46 SI<sup>2</sup> CLASSIC  
ELVIAL SL46 SI<sup>2</sup> FLAT EDITION  
ELVIAL SL46 SI<sup>2</sup>\_MD

ICONIC D77 AI<sup>2</sup>  
ESSENCE D67 HI<sup>2</sup>

ESSENCE SD55  
ESSENCE CLADDING CL180