

ICONIC

W77BS AI²



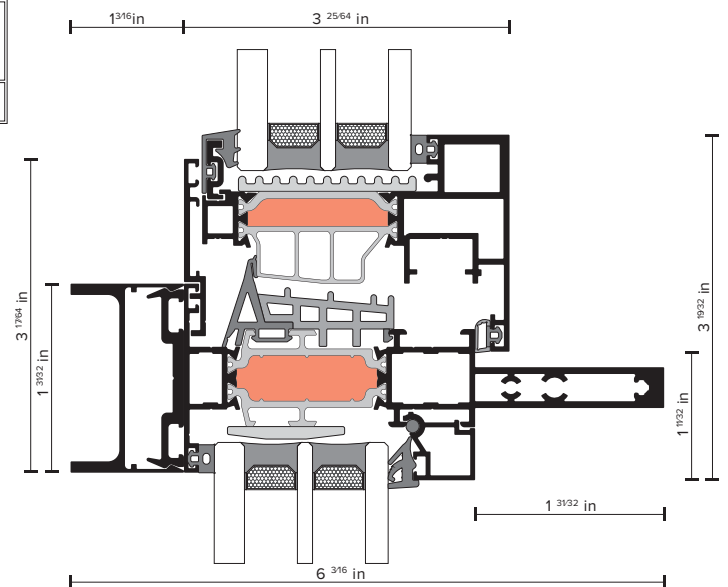
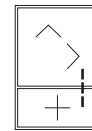
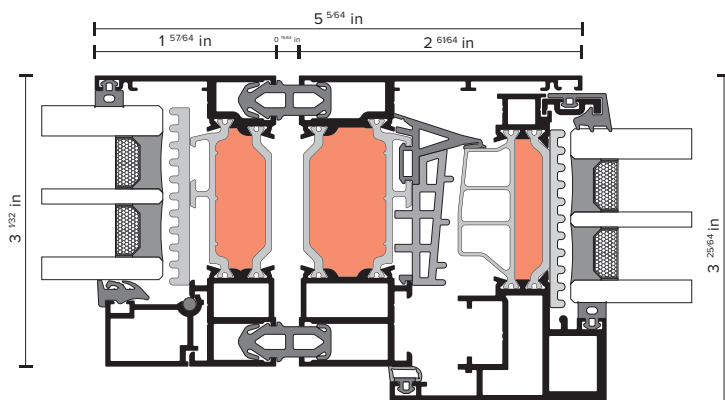
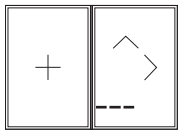
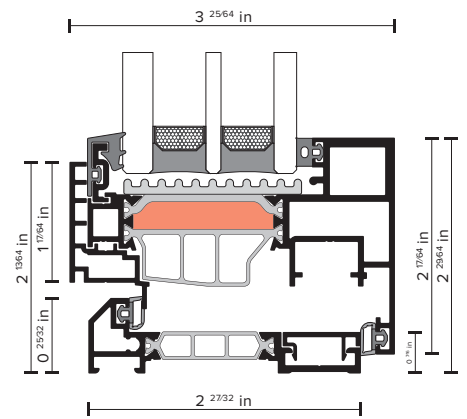
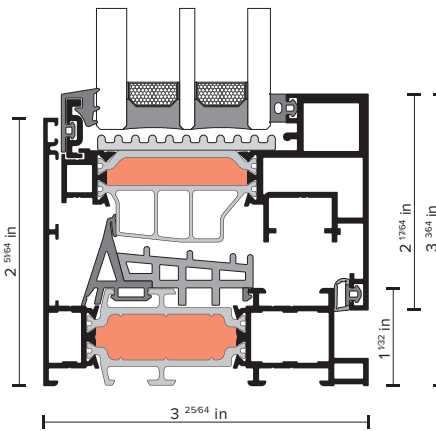
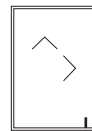
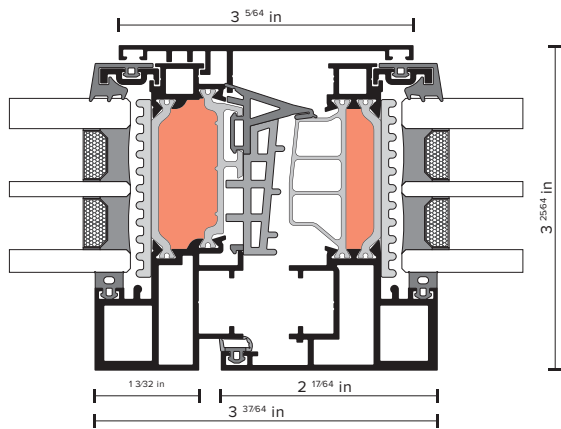
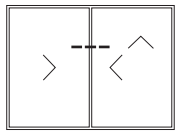
OPENING SYSTEM

The blind sash allows streamlined minimal looks to harbor our most advanced technologies, without compromises to aesthetic results is present.

ICONIC

W77BS AI²

Open a whole new world of possibilities.
The design is combined with exceptional functionality and our most advanced technologies in terms of performance and safety.



TECHNOLOGY

THERMAL INSULATION

- 1 **1 2¹/₃₂ in** Insulating Bars with glass fiber re-enforcement **25%**
- 2 **ELVIAL I²** _ Innovative Insulation Technology
- 3 **Co-Extruded** Gasket
- 4 Foam **Insulating** Profile

ADVANCED SEASLING 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



Black Anodized



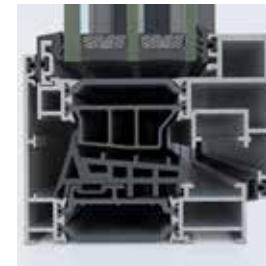
Inox Satine



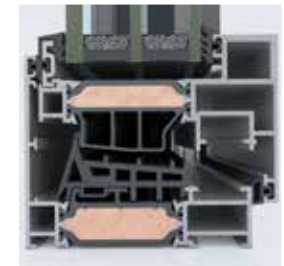
Natural Anodized

COLORS

ENERGY LEVELS

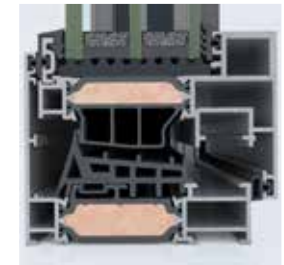


Level 1
*Uf: **≥0.33** Btu/hr.ft².°F



Level 2
*Uf: **≥0.26** Btu/hr.ft².°F





*Energy performances concern the specific sash-frame combination







Level 3
*Uf: **≥0.24** Btu/hr.ft².°F

IDENTITY

DESIGN

System Depth		3¹³²	in
Min Face Height Frame - Sash		2¹⁹³²	in
Min Face Height Threshold - Sash		2¹³⁶⁴	in
Min Face Height Middle Mullion		3⁵⁶⁴	in

PROPERTIES

Max Sash Height		98²⁷⁶⁴	in
Max Sash Width		55¹⁸	in
Max Sash Weight		286	lb
Max Glass thickness		1¹³¹⁶ or 1¹⁷⁶⁴	in

ICONIC W77BS AI² offers you endless solutions in both
European groove mechanism [**CE**] and Multilock groove mechanism [**ML**]

PERFORMANCE

ENERGY

Thermal Insulation Uf	EN ISO 10077-2	≥0.17 Btu/hr.ft².°F
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COMFORT

Air Permeability	EN 12207	Class 4 [600Pa]
Watertightness	EN 12208	E1050 [1.050Pa]
Resistance to Wind Load η	EN 12210	C5 / B5 [2.000Pa]

INWARD OPENING CONSTRUCTIONS



Single sash fixed



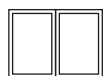
Single sash fixed with skylight



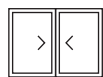
Single sash opening



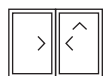
Single sash tilt & turn



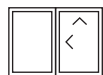
Double sash fixed



Double sash opening



Double sash tilt & turn

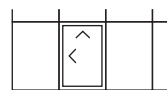


Single sash fixed tilt & turn



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

OUTWARD OPENING CONSTRUCTIONS



Special typology window wall

elvial

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

DISCOVER OUR INNOVATIVE TECH

ELVIAL I² INSULATION TECHNOLOGY
ELVIAL PRE-ANODIZING 2IN1

**DISCOVER MORE
ARCHITECTURAL SYSTEMS**

ICONIC W77 AI²
ICONIC W77ST AI²

ESSENCE W67 HI²
ESSENCE W67BS HI²
ESSENCE W67ST HI²

MINIMAL LOOK SL68 AI²
MINIMAL LOOK SL52 HI²
MINIMAL LOOK SL52 HI
AOPATO MEZA & ΕΞΩ

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

ESSENCE FD77

ICONIC D77 AI²
ESSENCE D67 HI²

ESSENCE SD55
ESSENCE CLADDING CL180

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