

ICONIC

W77BS AI²

elvial



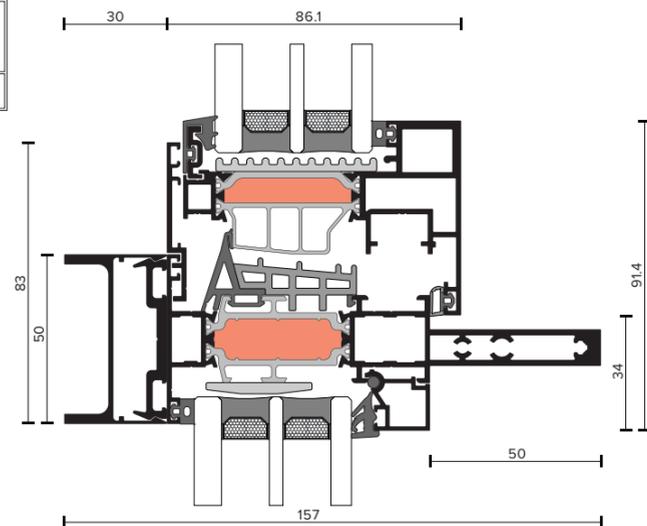
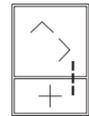
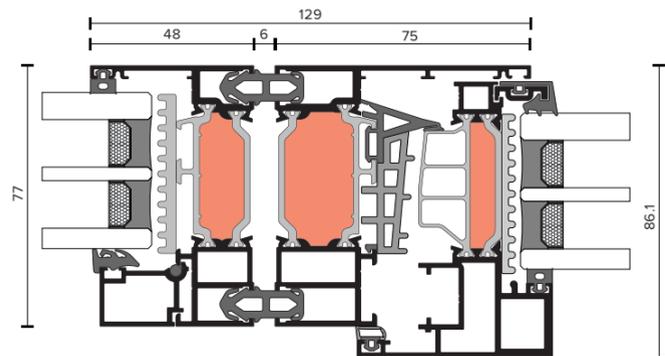
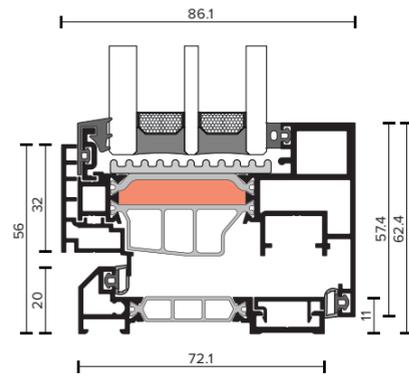
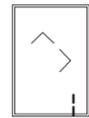
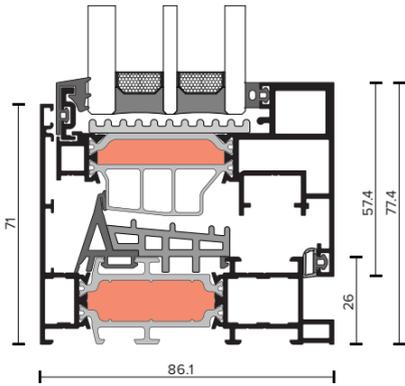
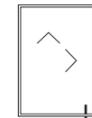
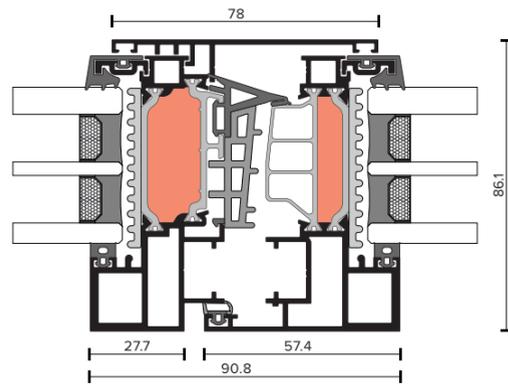
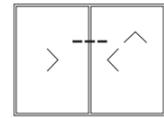
OPENING SYSTEM

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

ICONIC

W77BS AI²

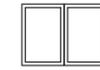
Open a whole new world of possibilities.
The design is combined with exceptional functionality and our most advanced technologies in terms of performance and safety.



INWARD OPENING CONSTRUCTIONS



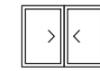
Single sash fixed



Double sash fixed



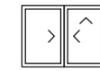
Single sash fixed with skylight



Double sash opening



Single sash opening



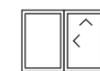
Double sash tilt & turn



Single sash tilt & turn



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

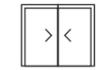


Single sash fixed tilt & turn

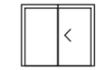
OUTWARD OPENING CONSTRUCTIONS



Single sash opening window door



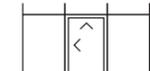
Double sash opening window door



Single sash opening window door with fixed part



Single sash projected



Special typology window wall

TECHNOLOGY

THERMAL INSULATION

- 1 **42mm** Insulating Bars with glass fiber re-enforcement **25%**
- 2 **ELVIAL I²** _ Innovative Insulation Technology
- 3 **Co-Extruded** Gasket
- 4 Foam **Insulating** Profile

ADVANCED SEALING SYSTEM

- 1 Optimal 3-Level Waterproofing with specially designed **EPDM** and Co-extruded Gaskets
- 2 **EPDM** Gasket Corners
- 3 **EPDM** End Caps 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

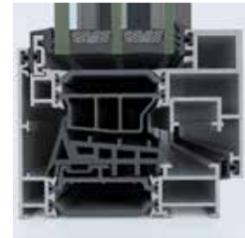


Inox Satine

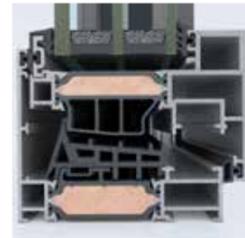


Natural Anodized

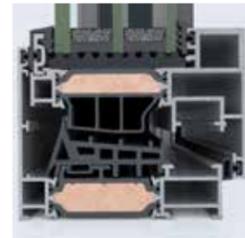
ENERGY LEVELS



Level 1
*Uf: ≥ 1.9 W/m²K



Level 2
*Uf: ≥ 1.5 W/m²K



Level 3
*Uf: ≥ 1.4 W/m²K

*Energy performances concern the specific sash-frame combination

IDENTITY

DESIGN

PROPERTIES

PERFORMANCE

ENERGY

COMFORT

Frame Depth		77 mm
Min Face Height Frame - Sash		66 mm
Min Face Height Threshold - Sash		56 mm
Min Face Height Middle Mullion		78 mm
Max Sash Height		2.500 mm
Max Sash Width		1.400 mm
Max Sash Weight		130 kg
Max Glass Thickness		46 or 32 mm

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

Thermal Insulation Uf	EN ISO 10077-2	≥ 1.0 W/m ² K
Air Permeability	EN 12207	Class 4 [600Pa]
Watertightness	EN 12208	E1050 [1.050Pa]
Resistance to Wind Load	EN 12210	C5 / B5 [2.000Pa]

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 MEΣA & EΞΩ

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