

ESSENCE

elvia

W67BS HI²



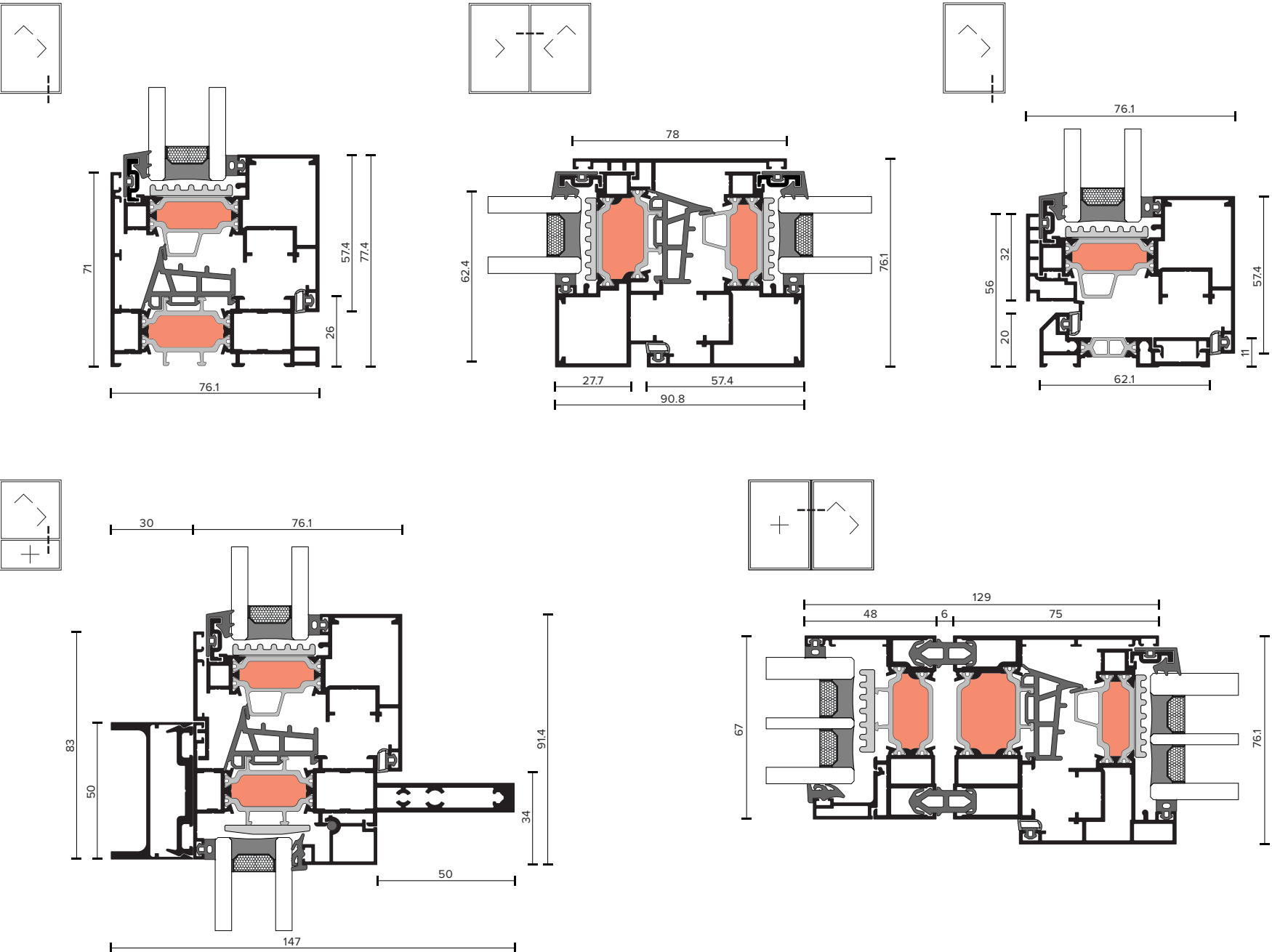
OPENING SYSTEM

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






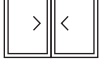



ESSENCE

W67BS HI²

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



INWARD OPENING CONSTRUCTION

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

OUTWARD OPENING CONSTRUCTIONS

	Special typology window wall
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TECHNOLOGY

THERMAL INSULATION

- 1 Insulating Bars **32mm** with Glass Fiber reinforcement **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 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

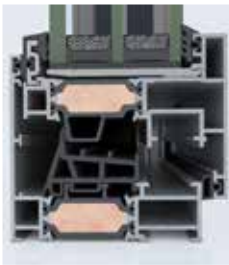
COLORS

ENERGY LEVELS

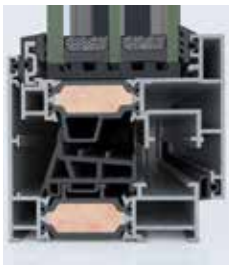


Level **1**
*Uf: **≥2.2** W/m²K

*Energy performances concern the specific sash-frame combination



Level **2**
*Uf: **≥1.9** W/m²K



Level **3**
*Uf: **≥1.8** W/m²K

IDENTITY

DESIGN

PROPERTIES

PERFORMANCE

ENERGY

COMFORT

Frame Depth		67	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 41 or 28	mm

ESSENCE W67BS HI² offers you endless solutions in both European groove mechanism **[CE]** and Multilock groove mechanism **[ML]**

Thermal Insulation Uf	EN ISO 10077-2	≥1.2 W/m²K
Air Permeability	EN 12207	Class 4 [600Pa]
Watertightness	EN 12208	E1050 [1.050Pa]
Resistance to Wind Load	EN 12210	C5 / B5 [2.000Pa]
Sound Reduction	EN 10140-2	38dB ^{Glazing} 6/32/44.2



Black



Inox Satine



Natural Anodized

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 W67ST 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