

ESSENCE

D67 HI²

elVIAL



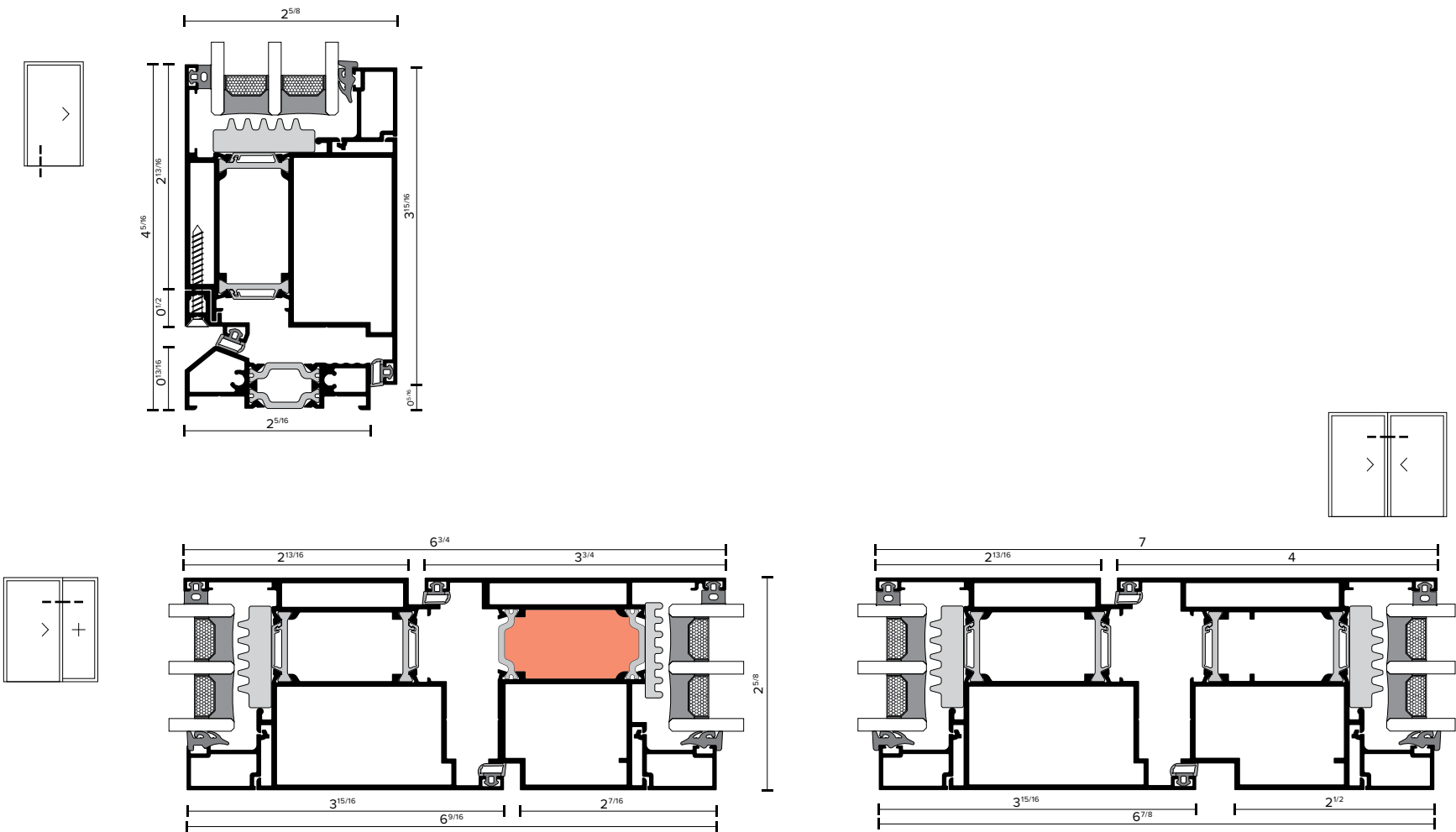
DOORS

We designed this solution to work in harmony with the solutions of our Essence collection and unify the aesthetic composition of your space. The quality of manufacturing is what you have come to expect from an ELVIAL product and guarantees the frictionless function for many years to come.

ESSENCE

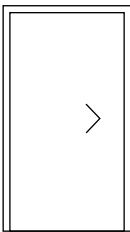
D67 HI²

The door is an element easily overlooked. However, it is not the ELVIAL way to overlook things.

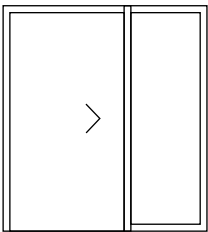


TYPES

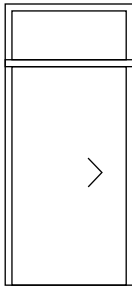
INWARD & OUTWARD OPENING



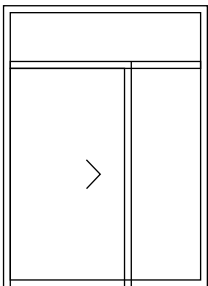
SINGLE SASH



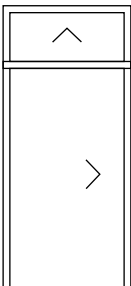
SINGLE SASH WITH
FIXED PART



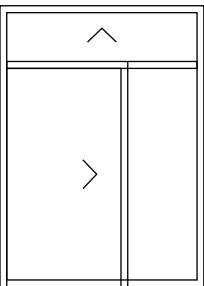
SINGLE SASH
WITH FIXED PART



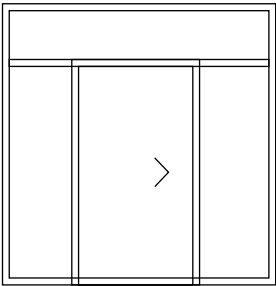
SINGLE SASH WITH
FIXED PARTS



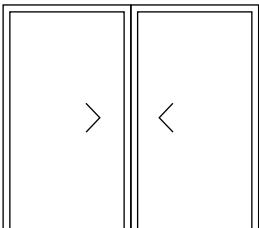
SINGLE SASH
WITH SKYLIGHT



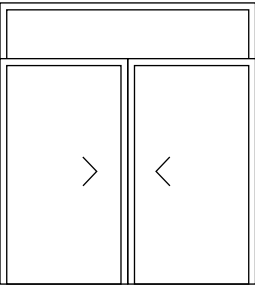
SINGLE SASH WITH
SKYLIGHT AND
FIXED PART



SINGLE SASH WITH
FIXED PART



DOUBLE SASH



DOUBLE SASH WITH
FIXED PART

TECHNOLOGY

THERMAL INSULATION & SEALING SYSTEM

- 1 **Special designed polyamide strips** for advanced thermal insulation
- 2 **Co-extruded gasket** for advanced energy performance
- 3 **Foamed insulating profile** is fitted at the perimeter of the glazing zone, minimizing thermal energy loss

SAFETY & FUNCTIONALITY

- 1 Specially designed **cylindrical hinges** for anti-burglary protection
- 2 **Slave sash locking** with hidden mechanism
- 3 Option for **anti-panic bar, door closers** & a full range of **automation placement**

ATTENTION TO DETAIL

INNOVATION

- 1 **Simultaneous opening** of both sashes on anti-panic doors allows unobstructed transit
- 2 The joining of sashes is more elegant than ever. The central vertical view **is limited to 7 in** without the use of adjoining profile
- 3 Special design for double sash door without **any limits** in which sash will open first

DESIGN

- 1 Inward and outward **same-level appearance**
- 2 **Hidden mechanism** option for a flawless aesthetic result
- 3 **Linear design** and full coverage of architectural requirements

IDENTITY

DESIGN

System Depth		2 ^{5/8}	in
Min Face Height Frame - Sash		5 ^{3/4}	in
Min Face Height Threshold - Sash		4 ^{5/16}	in
Min Face Height Middle Mullion		7	in

PROPERTIES

Max Sash Height		118 ^{1/8}	in
Max Sash Width		55 ^{1/8}	in
Max Sash Weight		396	lb
Max Glass thickness		2 ^{1/16}	in

PERFORMANCE

ENERGY

Thermal Insulation Uf	EN ISO 10077-2	0.33 BTU/hr·ft²·°F
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COMFORT

Air Permeability	EN 12207	Class 4 [12.53 Psf]
Watertightness	EN 12208	8A [9.39 Psf]
Resistance to Wind Load	EN 12210	C4 / B4 [33.41 Psf]
Sound Reduction	EN 14351-1	38 dB Glazing 5/16 / 15/16 / 2 5/8

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

DISCOVER OUR INNOVATIVE TECH

ELVIAL I² INSULATION TECHNOLOGY
ELVIAL PRE-ANODIZING 2IN1

**DISCOVER MORE
ARCHITECTURAL SYSTEMS**

ICONIC W77 AI²
ICONIC W77BS AI²
ICONIC W77ST AI²

ESSENCE W67 HI²
ESSENCE W67BS HI²
ESSENCE W67ST HI²

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

MINIMAL LOOK SL68 AI²
MINIMAL LOOK SL52 HI²
MINIMAL LOOK SL52 HI
INVISIBLE INSIDE-OUT

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

ESSENCE FD77

ICONIC D77 AI²

ELVIAL FS50
ESSENCE SD55
ESSENCE CLADDING CL180