

ICONIC

D77 AI²

elvial

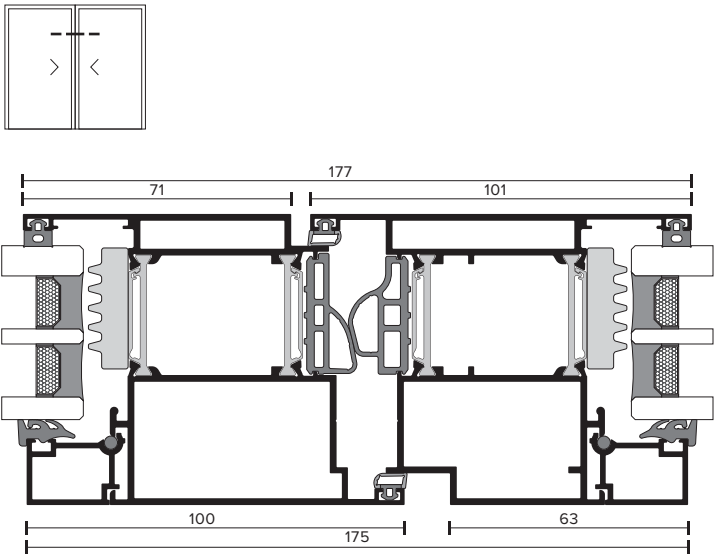
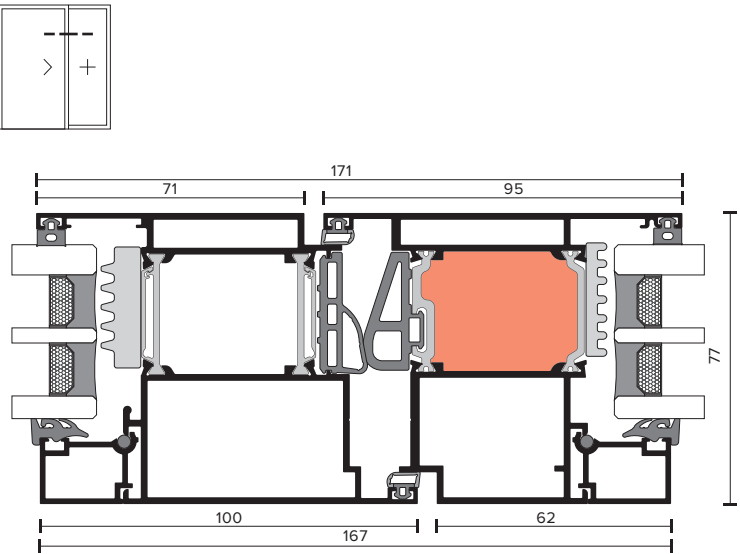
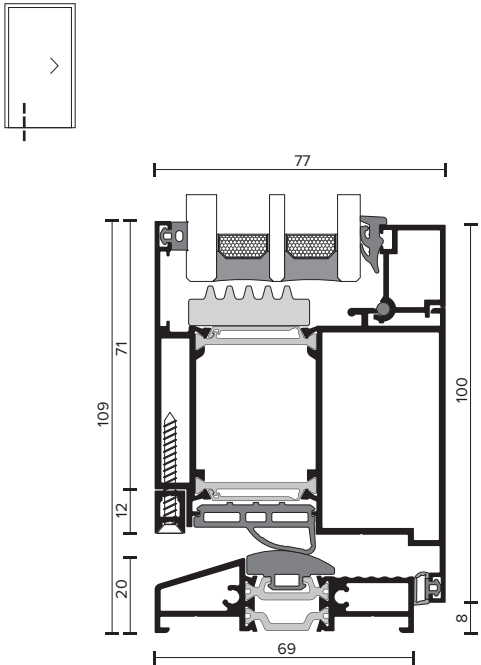
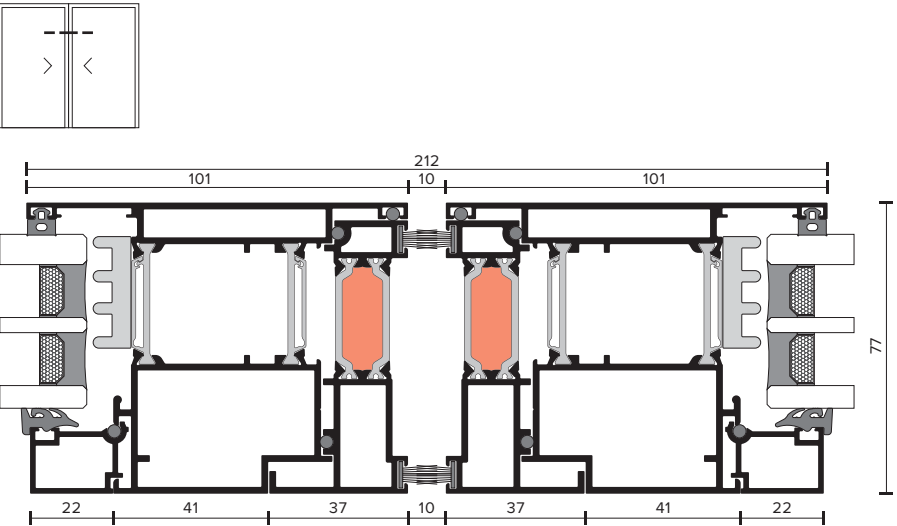


DOORS

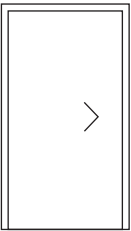
The ICONIC D77 door is the first element that composes the experience of a space. ELVIAL designed this solution with a depth of 77mm, offering advanced thermal insulation and safety, combining flawless style with absolute quality.

ICONIC
D77 AI²

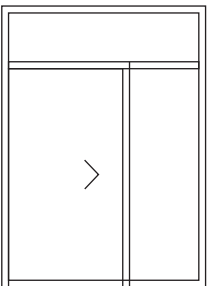
Made to complement our Iconic collection, it is the beautiful piece of design that you expect from ELVIAL, harboring the technology elements that justify your decision to select it.



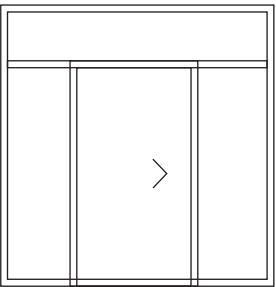
INWARD & OUTWARD OPENING



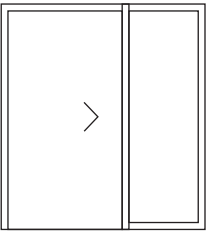
SINGLE SASH



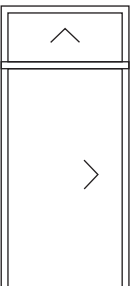
SINGLE SASH
WITH FIXED PARTS



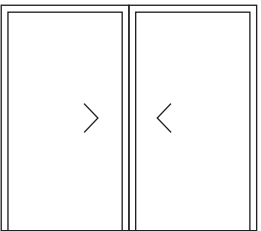
SINGLE SASH WITH
FIXED PARTS



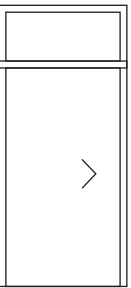
SINGLE SASH
WITH FIXED PART



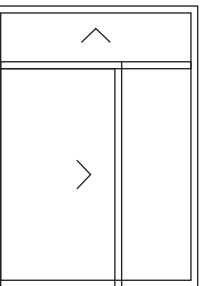
SINGLE SASH
WITH SKYLIGHT



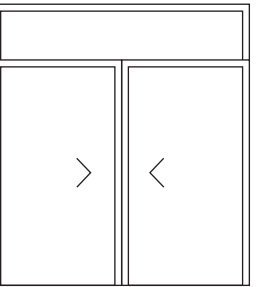
DOUBLE SASH



SINGLE SASH
WITH FIXED PART



SINGLE SASH WITH
SKYLIGHT AND
FIXED PART



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
- 4
- Specialy designed central gaskets** for exceptional sealing system

SAFETY &
FUNCTIONALITY

- 1
- Specialy 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 **automatation placement**
- 4
- Unobstructed transit** with windshield application

ATTENTION
TO DETAILS

INNOVATION

- 1
- Simultaneus 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 177mm** 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

PROPERTIES

DURABILITY
FOR A LIFE TIME

DID YOU KNOW?

System Depth		77	mm
Min Face Height Frame - Sash		146	mm
Min Face Height Threshold - Sash		109	mm
Min Face Height Middle Mullion		177	mm
Max Sash Height		3.000	mm
Max Sash Width		1.400	mm
Max Sash Weight		180	kg
Max Glass thickness		62	mm

In climates where sunshine is abundant, the combination of sunshine and great construction height may cause distortions from the “banana effect” mainly in dark coloured aluminium profiles. We have taken special anti-distortion measures. We apply 34mm anti-distortion insulating bars with 25% glass fiber re-enforcement to all system sashes. Your space is insulated and your system is resistant...for life!

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 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

ESSENCE D67 HI²

ELVIAL FS50
ESSENCE SD55
ESSENCE CLADDING CL180