

ELVIAL

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# W60BS SI<sup>2</sup>



## OPENING SYSTEM

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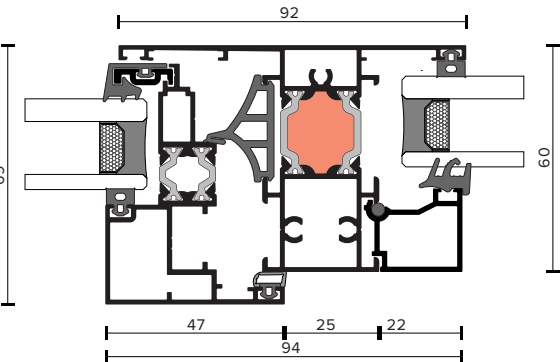
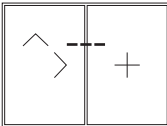
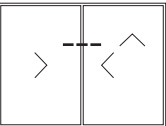
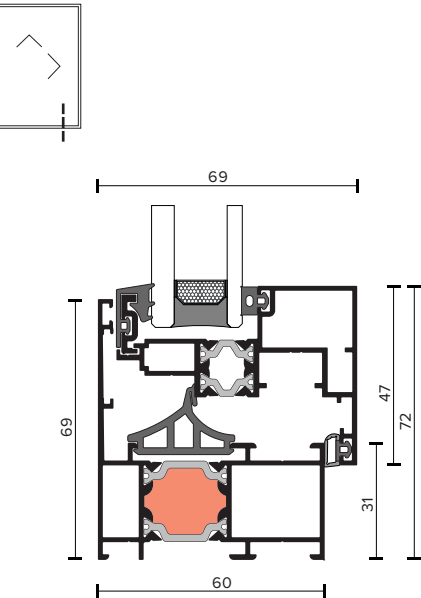
ELVIAL created W60BS SI<sup>2</sup> as an aluminium system solution that fits ideally both the system replacement and upgrade in existing buildings combining the performance you need with the design you choose.

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# W60BS SI<sup>2</sup>

Both a new building project and the upgrade of an old one has the same fundamental requirements. Performance and design.

INWARD OPENING CONSTRUCTIONS



Single sash fixed



Single sash fixed with skylight



Single sash opening



Single sash tilt & turn



Single sash tilt & turn with fixed part



Double sash fixed



Double sash opening



Double sash tilt & turn

TECHNOLOGY

THERMAL INSULATION

- 1
- Insulating Bars **22mm** in Frame **14mm** in sash
- 2
- ELVIAL I²** \_ Innovative Insulation Technology

SEALING SYSTEM

- 1
- Optimal 2-level Waterproofing with specially designed **EPDM** Gaskets
- 2
- EPDM** Gasket Corners
- 3
- Drainage** Channels

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

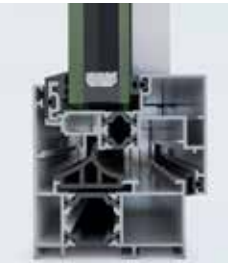
HANDLES FOR UNIQUE  
STYLE



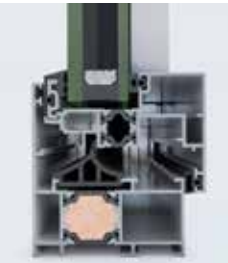
COLORS



ENERGY LEVELS



Level **1**  
\*Uf: **≥3.1** W/m²K  
  
\*Energy performances concern the specific sash-frame combination



Level **2**  
\*Uf: **≥3.0** W/m²K

IDENTITY

DESIGN

PROPERTIES

PERFORMANCE

ENERGY

COMFORT

|                                     |  |              |    |
|-------------------------------------|--|--------------|----|
| Frame Depth                         |  | <b>60</b>    | mm |
| Min Face Height<br>Frame - Sash     |  | <b>69</b>    | mm |
| Min Face Height<br>Threshold - Sash |  | -            | mm |
| Min Face Height<br>Middle Mullion   |  | <b>93</b>    | mm |
| Max Sash Height                     |  | <b>2.500</b> | mm |
| Max Sash Width                      |  | <b>1.000</b> | mm |
| Max Sash Weight                     |  | <b>100</b>   | kg |
| Max Glass Thickness                 |  | <b>24</b>    | mm |

|                                         |                                                         |                            |
|-----------------------------------------|---------------------------------------------------------|----------------------------|
| Thermal Insulation Uf                   | EN ISO 10077-2                                          | <b>≥2.5 W/m²K</b>          |
| 2-Sash Construction<br>1.000 x 2.200 mm | Double Glazing, Ug = 1.1 W/m²K with Swisspacer Ultimate | <b>Uw ≥ 1.88 W/m²K</b>     |
| Air Permeability                        | EN 12207                                                | <b>Class 4</b> [ 600Pa ]   |
| Watertightness                          | EN 12208                                                | <b>E1050</b> [ 1.050Pa ]   |
| Resistance to Wind Load                 | EN 12210                                                | <b>C5 / B5</b> [ 2.000Pa ] |

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

**DISCOVER OUR INNOVATIVE  
TECHNOLOGIES**

ELVIAL I<sup>2</sup> INSULATION TECHNOLOGY  
ELVIAL PRE-ANODIZING 2IN1

**DISCOVER MORE ALUMINIUM  
SYSTEMS**

ESSENCE W67 HI<sup>2</sup>  
ESSENCE W67BS HI<sup>2</sup>  
ESSENCE W67ST HI<sup>2</sup>

ELVIAL W59 SI<sup>2</sup>

ESSENCE SL50 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL50 HI<sup>2</sup> CLASSIC

ELVIAL SL46 SI<sup>2</sup> CLASSIC  
ELVIAL SL46 SI<sup>2</sup> FLAT EDITION  
ELVIAL SL46 SI<sup>2</sup>\_MD

ELVIAL SL33\_MD

ESSENCE D67 HI<sup>2</sup>

ESSENCE SD55  
ESSENCE CLADDING CL180