

ELVIAL

# SL60 HI<sup>2</sup>



## SLIDING SYSTEM

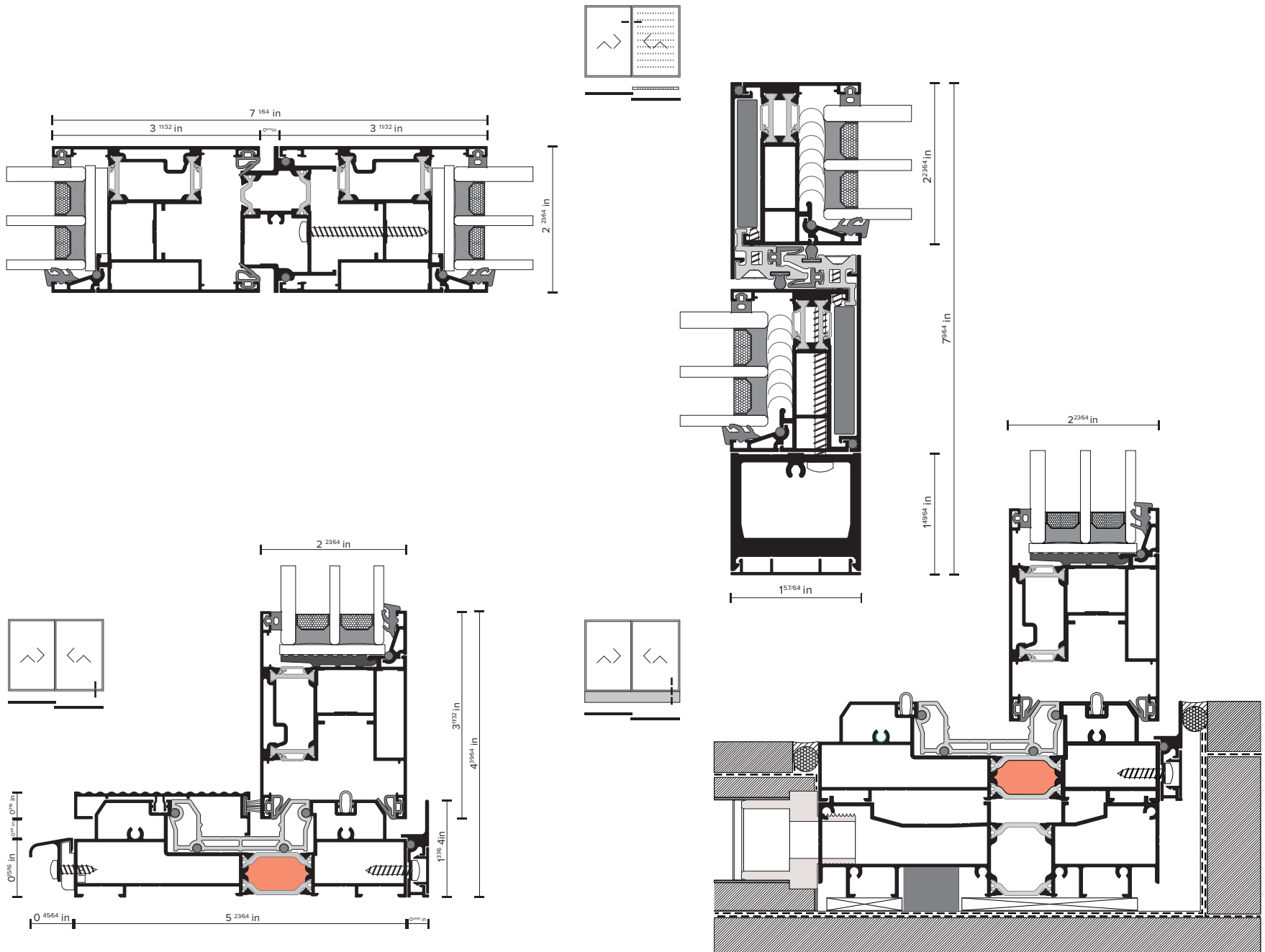
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When creating the scenery for living, the aluminium system is of essence. Choose ESSENCE SL60 HI<sup>2</sup>, one of our best solutions for any kind of building project

ESSENCE

# SL60 HI<sup>2</sup>

Enjoy the smooth movement and flawless function. Relish the abundance of light and comfortable space.



## TECHNOLOGY

### THERMAL INSULATION

- 1 Enhanced customized insulation bars are set both in the central zone and the middle mullion
- 2 Complete filling of the middle chamber on all system's tracks using the innovative insulation technology of **ELVIAL I<sup>2</sup>**
- 3 **A foam insulating profile (LDPE)** is fitted at the perimeter of the glazing zone
- 4 Co-extruded gasket on the bottom part of sashes, sealing the track and the adjoining profile for angular constructions



### ADVANCED SEALING SYSTEM

- 1 **Q-LON** in the successive area insulating bars, even in the narrow mullion width edition
- 2 Specially designed **gaskets** that apply effectively in 2 points in the successive area
- 3 Sealing with EPDM gaskets and vulcanized gasket corners, guaranteeing a high level perimetrical waterproofing of the sash with the track
- 4 Elastometric **central sealants** of excellent design, which fit perfectly on the surface of the aluminium, giving a high sealing performance

## EXTRA FEATURES

### FUNCTIONALITY

- 1 Handles for unique style
- 2 Handle damper
- 3 Lift assist that reduces the feel of weight
- 4 Options of Silent Close Damping Unit & Stop Damping Unit
- 5 Anti-Jemmy Device



Black Anodizing







Inox Satine

Natural Anodizing





### COLORS

## IDENTITY

### DESIGN

Sash Depth			<b>2<sup>23</sup>/<sub>64</sub></b>	in
Visible Height		[sash 3 <sup>47</sup> / <sub>64</sub> in]	<b>5</b>	in
		[sash 3 <sup>11</sup> / <sub>32</sub> in]	<b>4<sup>39</sup>/<sub>64</sub></b>	in
Middle Mullion Width Successive		[sash 3 <sup>47</sup> / <sub>64</sub> in]	<b>4<sup>9</sup>/<sub>64</sub></b>	in
		[sash 3 <sup>11</sup> / <sub>32</sub> in]	<b>3<sup>47</sup>/<sub>64</sub></b>	in
Meeting Stile Construction Width Meeting Stile		[sash 1 <sup>23</sup> / <sub>32</sub> in]	<b>1<sup>57</sup>/<sub>64</sub></b>	in
		[sash 3 <sup>47</sup> / <sub>64</sub> in]	<b>7<sup>51</sup>/<sub>64</sub></b>	in
		[sash 3 <sup>11</sup> / <sub>32</sub> in]	<b>7<sup>1</sup>/<sub>64</sub></b>	in

### PROPERTIES

Max Sash Height			<b>137<sup>51</sup>/<sub>64</sub></b>	in
Max Sash Width			<b>118<sup>7</sup>/<sub>64</sub></b>	in
Max Sash Weight			<b>970</b>	lb
Max Glass Thickness			<b>1<sup>13</sup>/<sub>16</sub></b>	in

## PERFORMANCE

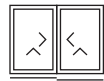
### ENERGY

2-Sash successive construction 137 <sup>51</sup> / <sub>64</sub> x 236 <sup>7</sup> / <sub>32</sub> in	<b>U<sub>w</sub> ≥ 0.16 Btu/hr.ft<sup>2</sup>.°F</b>	2-Sash successive construction 137 <sup>51</sup> / <sub>64</sub> x 236 <sup>7</sup> / <sub>32</sub> in	<b>U<sub>w</sub> ≥ 0.24 Btu/hr.ft<sup>2</sup>.°F</b>
Triple glazing, U <sub>g</sub> = 0.10 Btu/hr.ft <sup>2</sup> .°F with Swisspacer Ultimate		Double glazing, U <sub>g</sub> = 0.19 Btu/hr.ft <sup>2</sup> .°F with Swisspacer Ultimate	

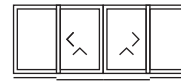
### COMFORT

Air Permeability	EN 12207	<b>Class 4</b> [ 600Pa ]
Watertightness	EN 12208	<b>E1200</b> [ 1.200Pa ]
Resistance to Wind Load	EN 12210	<b>C2/B3</b> [ 1.200Pa ]
Sound Reduction	EN 14351-1	<b>43dB</b> <sup>Glazing</sup> 44.2/15/66.2
Operating Forces	EN 13115	<b>Class 1</b>

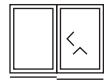
**LIFT & SLIDE  
SUCCESSIVE  
CONSTRUCTIONS**



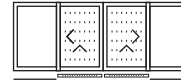
2-Sash



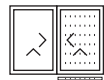
4-Sash meeting stile with fixed parts



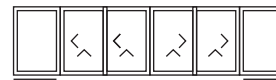
2-Sash with fixed part



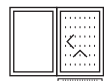
4-Sash meeting stile with fixed parts and flyscreen



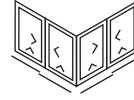
2-Sash with flyscreen



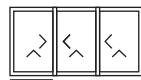
5-Sash with multi-track



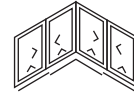
2-Sash with fixed part and flyscreen



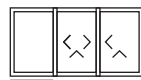
2-Sash angular - Inner angle



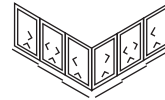
3-Sash



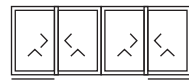
2-Sash angular - Outer angle



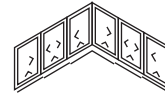
3-Sash with fixed part



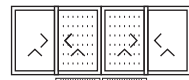
3-Sash angular - Inner angle



3-Sash with multi-track



3-Sash angular - Outer angle



4-Sash meeting stile

**INWALL  
SLIDE AND  
LIFT & SLIDE  
CONSRUCTIONS**



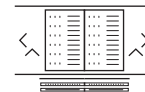
1-Sash inwall



1-Sash inwall with flyscreen and shutter



1-Sash inwall with flyscreen



2-Sash inwall meeting stile with flyscreen and shutter



1-Sash inwall with shutter

**elvial**

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

**DISCOVER OUR INNOVATIONS**

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

**DISCOVER MORE  
ARCHITECTURAL SYSTEMS**

ICONIC W77 AI<sup>2</sup>  
ICONIC W77BS AI<sup>2</sup>  
ICONIC W77ST AI<sup>2</sup>

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

ESSENCE SL60 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL60 HI<sup>2</sup> CLASSIC  
ESSENCE SL50 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL50 HI<sup>2</sup> CLASSIC

MINIMAL LOOK SL68 AI<sup>2</sup>  
MINIMAL LOOK SL52 HI<sup>2</sup>  
MINIMAL LOOK SL52 HI  
INVISIBLE INSIDE-OUT

ESSENCE FD77

ICONIC D77 AI<sup>2</sup>  
ESSENCE D67 HI<sup>2</sup>

ELVIAL FS50  
ESSENCE SD55  
ESSENCE CLADDING CL180

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