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*The*  
MINIMAL Look

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”**Inspired** by the challenge to **perceive windows as artworks**, rather than mere building elements”

## *The* DESIGN

The core philosophy of ICONIC Systems is the unique design, which is used as a key to exceptional architectural creations.

## *The* TECHNOLOGY

The technology used in ICONIC Systems stands out, in terms of high-class materials applied, ensuring excellent thermal and operational performance.

## *The* FREEDOM

Inspired by the challenge to perceive windows as artworks, rather than mere building elements, ICONIC systems offer to Architects the freedom to design imaginatively and deliver projects with unique character.



# *Inside* **Out**

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**Modern Architecture** favours simple geometric shapes and challenges the **blending** of the **interior** with the **exterior**, with **large glass surfaces**.



**Pure lines**, a **discreet but powerful outline** around the window, of only **35.5mm\***, and an **Avant-Garde Technology**, are all combined in the new MINIMAL Look system of ELVIAL.

\* 35.5mm in integrated version and 77mm in standard version.  
In both versions, the middle vertical mullion is 35mm.

*The* **Window** | *from*  
**Zero**  
**point.**

In **MINIMAL Look** system, **we have challenged all that was commonly known** in typical sliding systems.

The goal was:

to obtain a **minimal design**, with **excellent everyday function**, even at large dimensions, offering a **pleasing experience and comfort for ALL** home owners or building investors.



*The*  
**MINIMAL Look**

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Free your imagination and transform a typical sliding system into a unique experience.





attention  
to  
**DETAILS.**



elviol  
**Iconic**

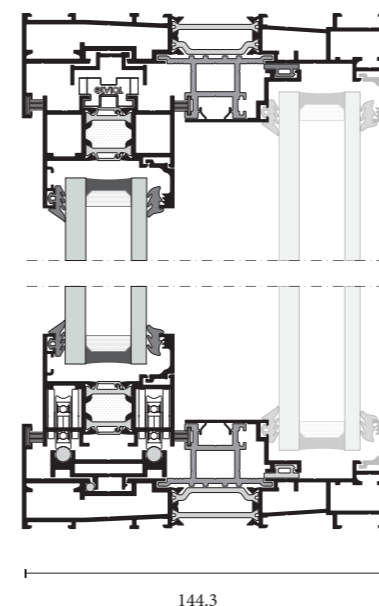
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Look

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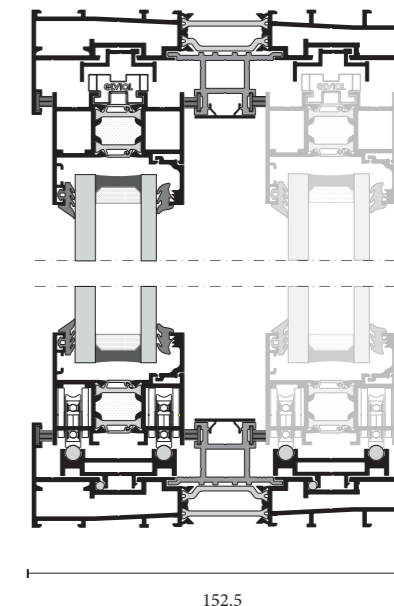


# The DESIGN

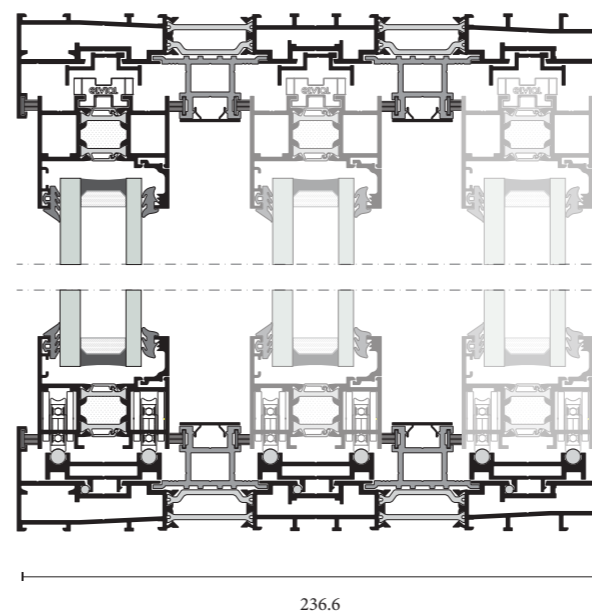
The MINIMAL Look system is designed to meet architects' needs by giving them numerous options to cope with any structural or aesthetical challenges.



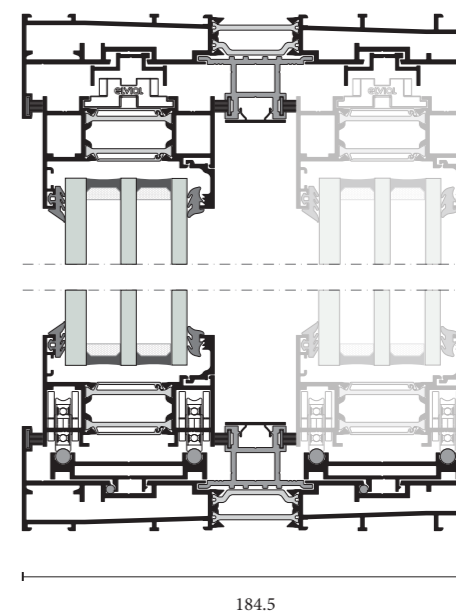
Sliding Sash with Fixed



Double Successive



Triple Successive

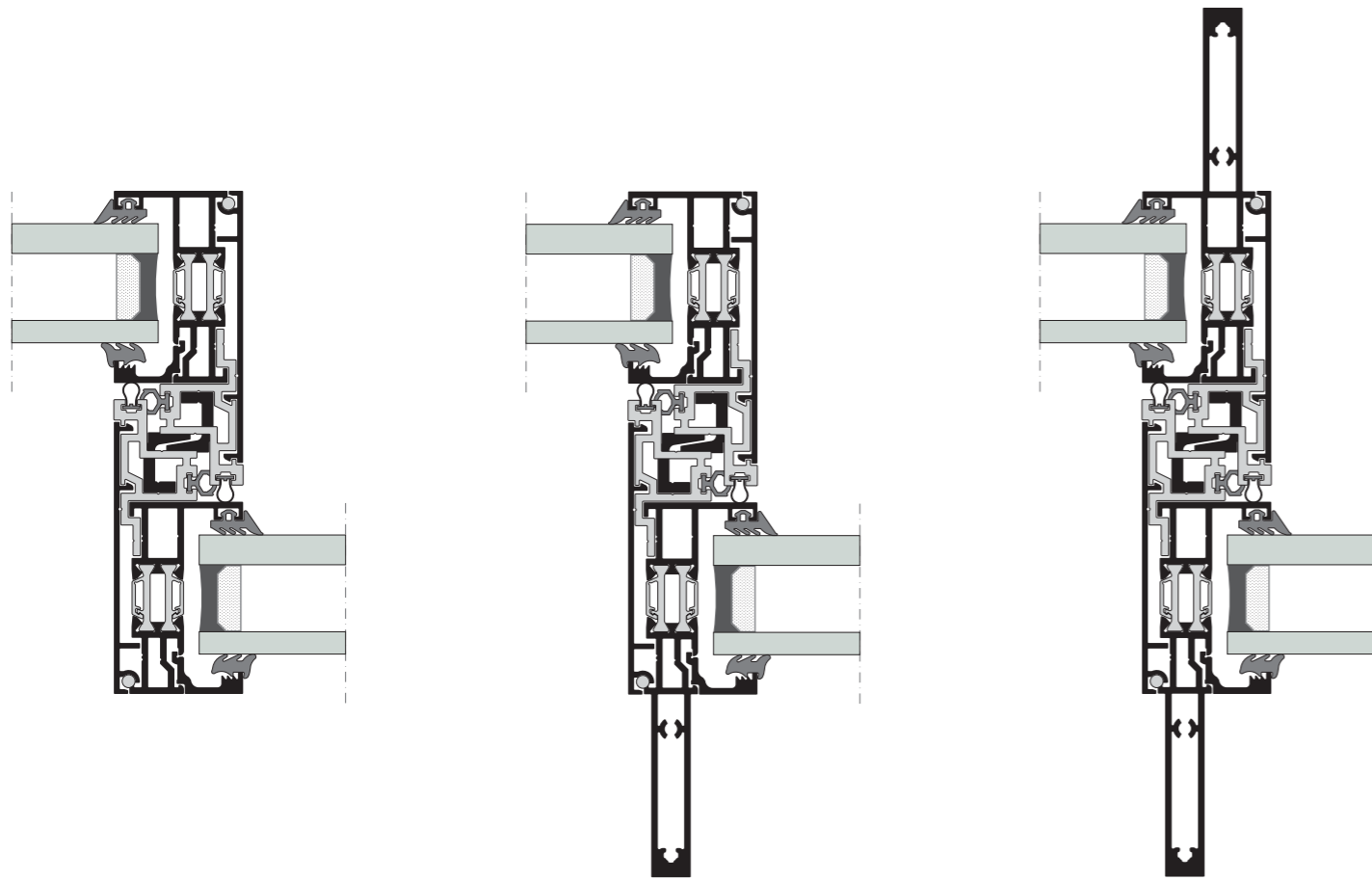


Double Successive - Triple Glazing

# The DESIGN

## Double or Triple Successive

3 design variants are developed for the middle vertical mullion, depending on the static needs of the project. All of them follow a gentle linear design, of only 35mm width.



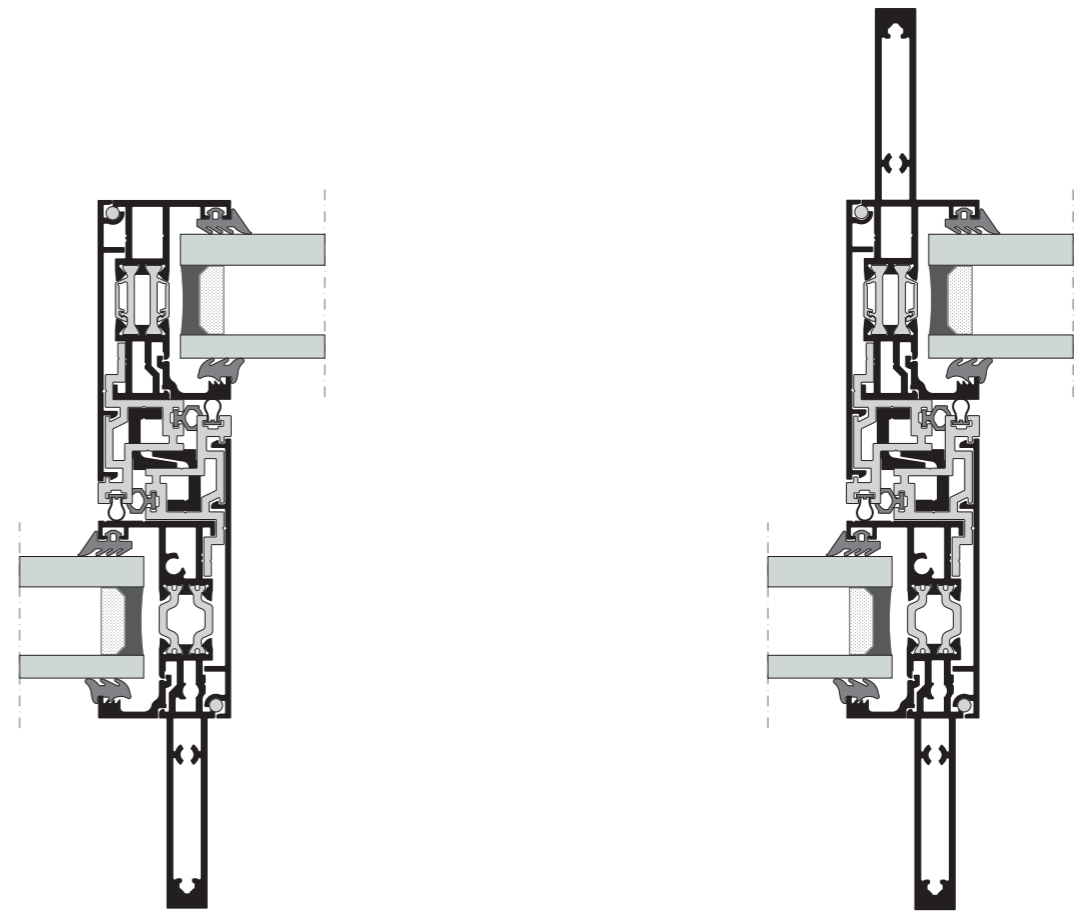
Standard Vertical Mullion [ H < 1.500mm ]

Inside Reinforced Vertical Mullion

Inside + Outside Reinforced Vertical Mullion

## Sliding Sash with Fixed

2 design variants are developed for the middle vertical mullion, depending on the static needs of the project. All of them follow a gentle linear design, of only 35mm width.

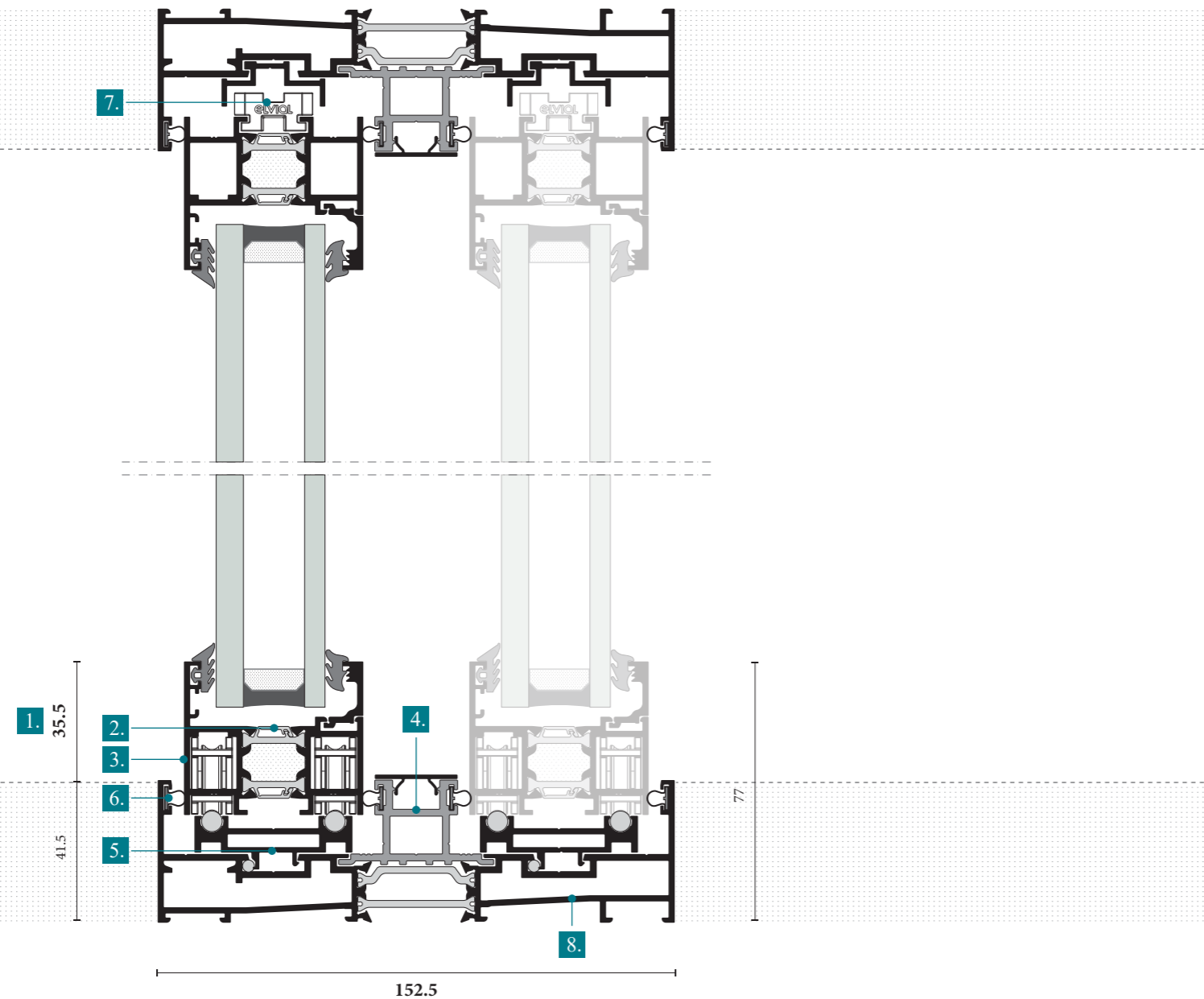


Inside Reinforced Vertical Mullion

Inside + Outside Reinforced Vertical Mullion

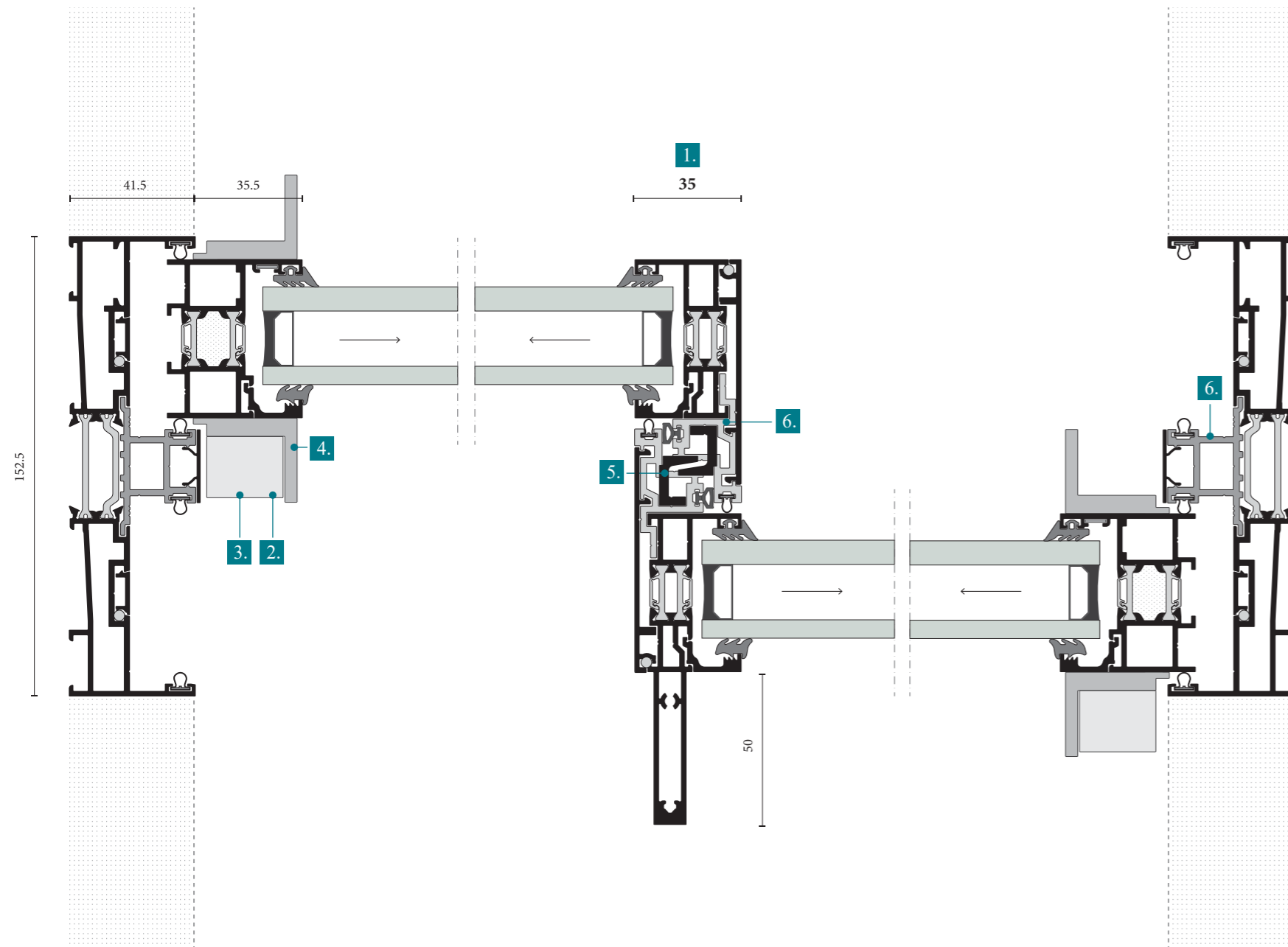


The  
TECHNOLOGY



1. **Minimal Visible Height** of only **35.5mm** in the integrated version and **77mm** in the standard version.
2. **Anti-distortion polyamides** on all sashes, that minimize the banana effect and ensure excellent operation even when temperature difference on aluminium surface exceeds 40°C.
3. **Linear square geometry of sash, standing on 2 roller sets**, for optimized weight distribution and solid construction.
4. Optimization of system's thermal performance via **customized insulating bar in the central area of the frame**.
5. **Add-on aluminium track for inox guides**, offering **extra easiness and speed in construction**.
6. **Q-Ion** or Special brushes are used, addressing the peculiar issue of effective weather sealing in sliding systems.
7. Optional **entry guide accessory**, recommended for large openings.
8. **Intelligent water drainage system**, even in the standard version, without the need of special accessories, due to its inclined frame design that the construction of a drainage system is not required.

The  
TECHNOLOGY

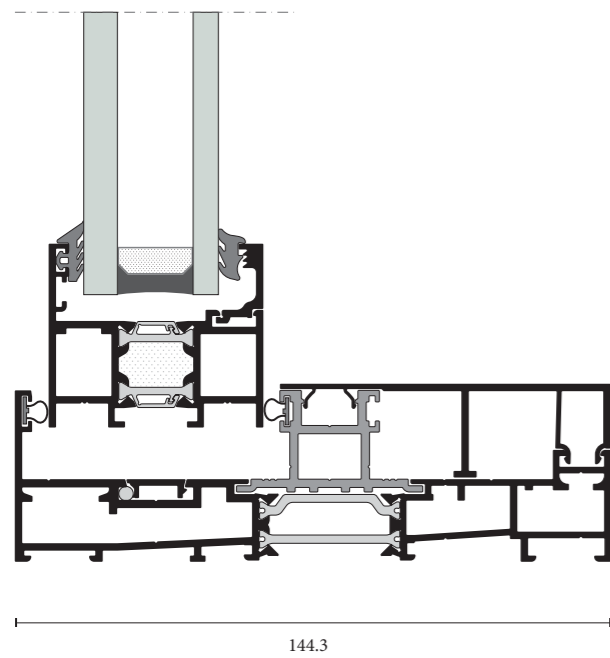
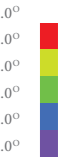


1. Minimal Visible Face Width of only **35mm**.
2. Customized **Multi-Point Locking device**, offering superior level of security.
3. **Customized Locking Handle**.
4. Aluminium **Handle**, with gentle linear shape.
5. **Aluminium Fixing Accessory**, increasing middle mullion's stability.
6. **Specially designed labyrinth** for Maximum Energy Efficiency.

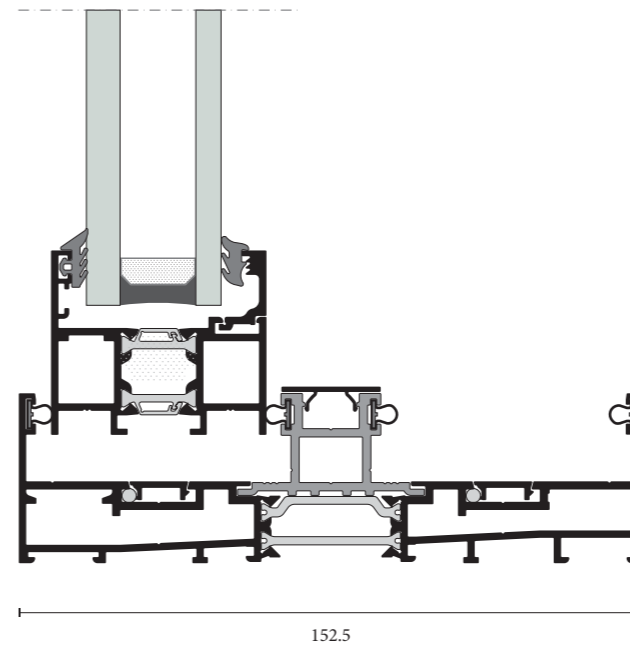
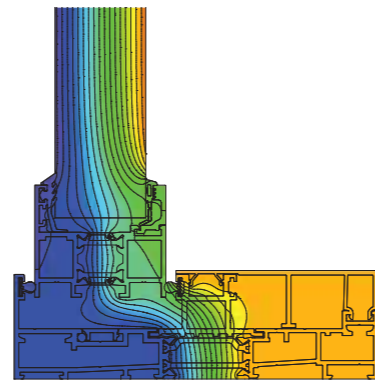
# The ENERGY PERFORMANCE

Excellent Isothermal Curves are achieved, in MINIMAL Look system.

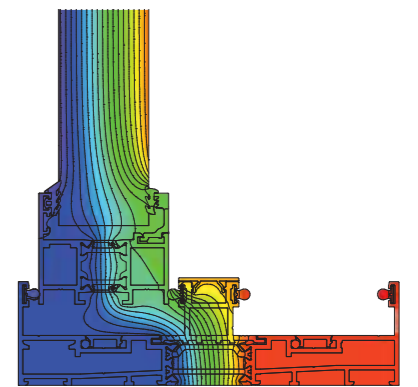
$U_w = 0,8 - 1,7 \text{ W/m}^2\text{K}$ .  
depending on  $U_g$



Sliding and Fixed Construction



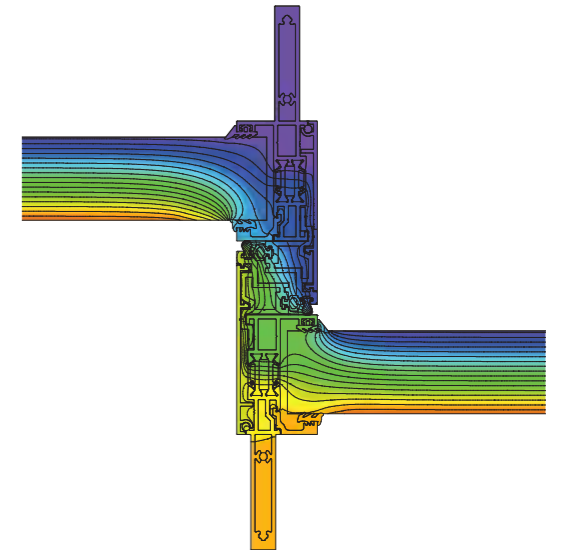
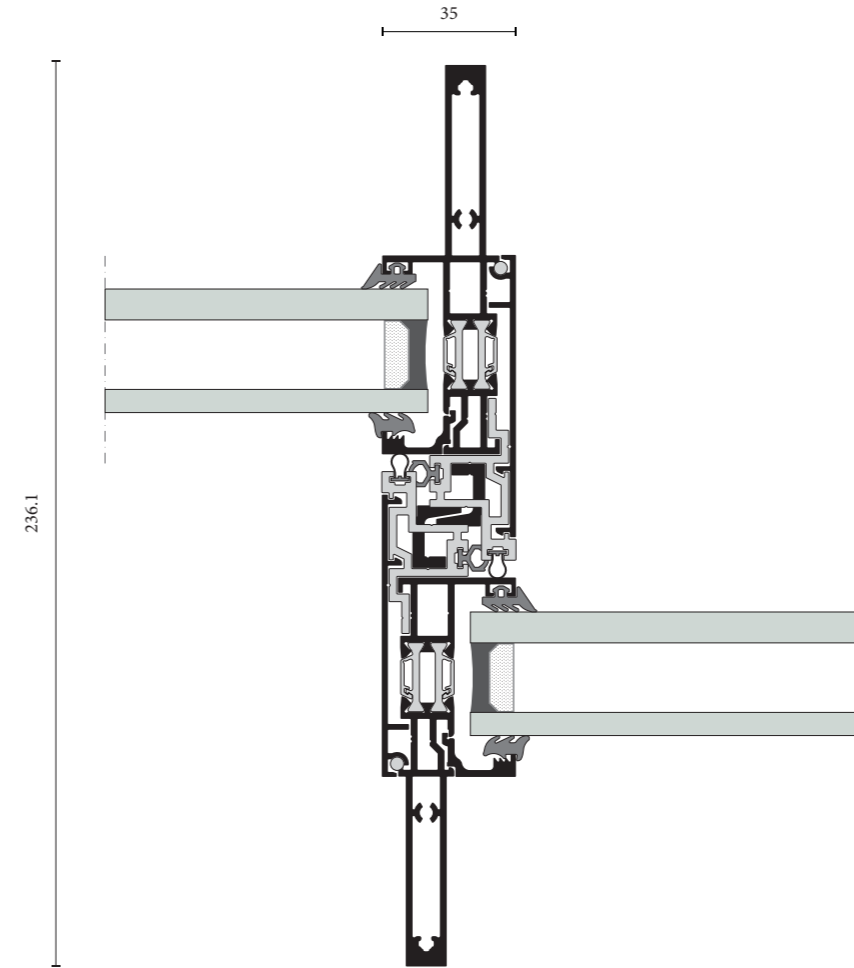
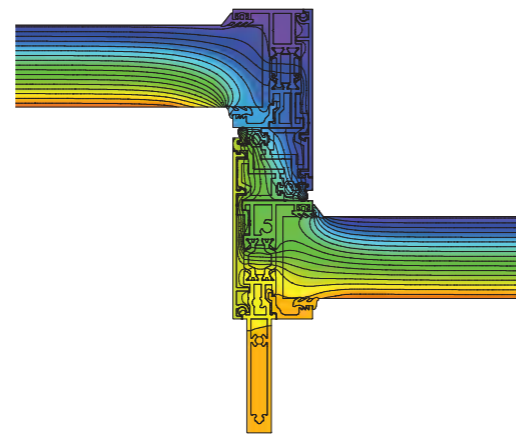
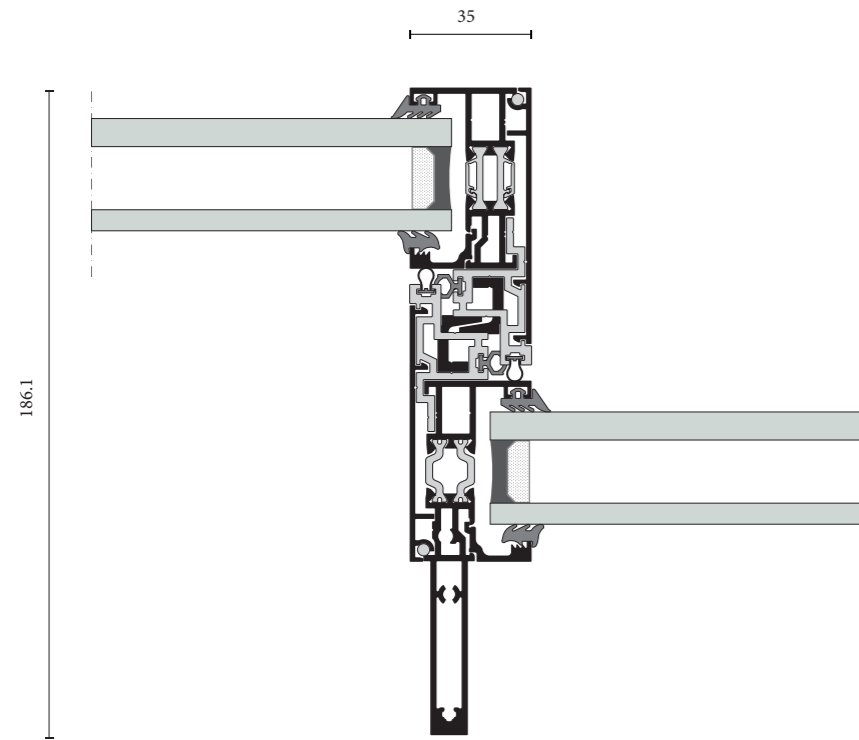
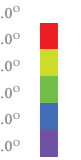
Double Successive



# The ENERGY PERFORMANCE

Excellent Isothermal Curves are achieved, in MINIMAL Look system.









$U_w = 0,8 - 1,7 \text{ W/m}^2\text{K}$ .  
depending on  $U_g$



Sliding and Fixed Construction

Double Successive

# The IDENTITY

Facing Width		35 mm
Visible Height		35.5 mm or 77 mm
Max Sash Height		3 m
Max Sash Width		3 m
Max Sash Weight		400 kg
Max Sliding Sash Area		9 m <sup>2</sup>
Max Fix Sash Area		9 m <sup>2</sup>
Glass Thickness		from 32 mm or 48 mm

# The TYPOLOGIES

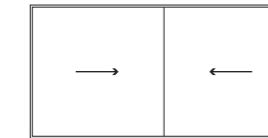
Right sliding with fixed



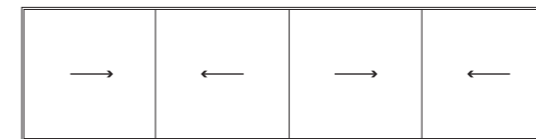
Left sliding with fixed



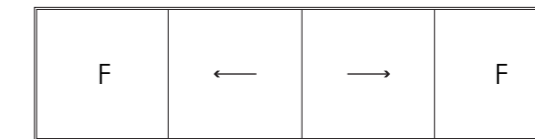
2 rail successive sashes



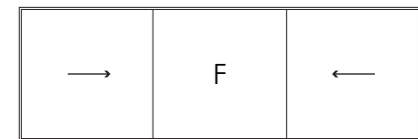
2 rail 4-sash meeting style construction



2 rail 4-sash meeting style construction with 2 fixed



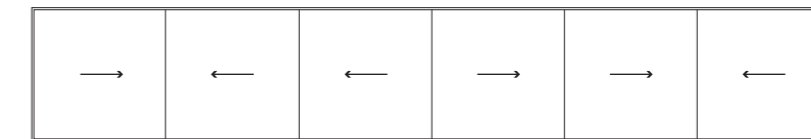
2 rail 3-sash successive construction with middle sash fixed



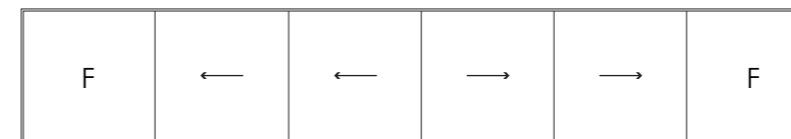
3 rail successive sashes



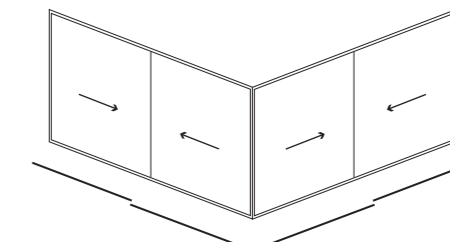
3 rail 6-sash meeting style construction



3 rail 6-sash meeting style construction with 2 fixed sashes



Angular construction





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