

—HYLINE®—

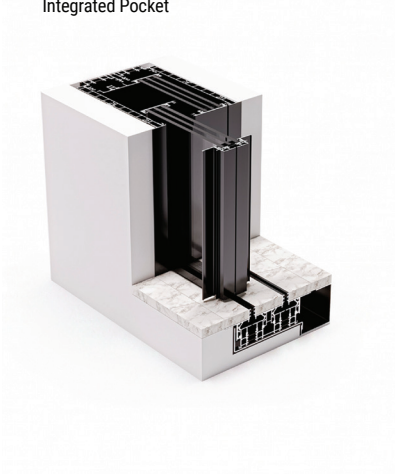
Location | Portugal | Architect | AIP Arquitectos | Photography | Ivo Tavares Studio



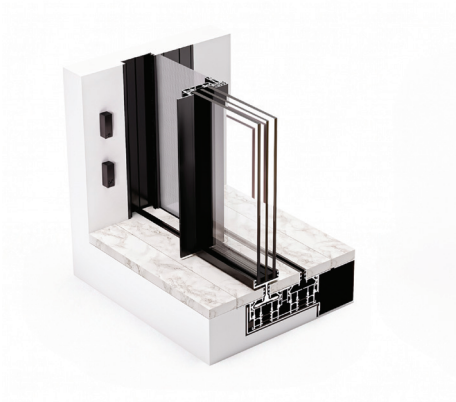
HY50
Integrated



Integrated Pocket



Integrated Mosquito net | HYFLY



The choice for projects
that demand
bold performances.

HY50 is designed to transcend spaces, enveloping them with sophistication and unparalleled design.

With the slimmest and finest central mullion on the market and an integrated floor option, this system presents itself without obstacles between the exterior and interior space.

A confident choice for projects that demand bold performances, HY50 offers the pinnacle of acoustic and thermal performance.

With the capacity for double or triple glazing, this system delivers excellent thermal and acoustic performance.

HY50 is more than just a window – it is a masterpiece of design and innovation.

Choose HY50 for a project that goes beyond expectations.

DIMENSIONS

Max weight [kg] <i>per sash</i>	up to 1000 *
Dimensions [w-h] <i>per sash</i>	3200x 6000
Max. Glazing Area [m²] <i>per sash</i>	18m
Glazing capacity [mm]	48

PERFORMANCE

Air permeability	up to Class 3
Resistance to wind load	up to Class C3
Water tightness	up to Class 8A

Thermal

Thermal Transmittance [Triple glazing]	Up to 1.05 W m² K
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Acoustic Isolation

Sound Reduction Index	Rw (C; Ctr) ≥ 36 dB (0;-1)
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CERTIFICATION

EU Regulatory Compliance	CE & CPR Certified
	EPBD Optimized
USA Regulatory Compliance	EPD Verified
USA Regulatory Compliance	NFRC Certified
Hurricane Impact	Certified
Security Tests	RC2

SILL TYPE

Visible
Flush
Integrated
Flush Lowframe
Integrated Lowframe

FRAME JAMB

Visible
Flush
Integrated

TYOLOGIES

Corner Opening
Pocket
Curved System HYARC

LOCK SYSTEM

- Frame Lock
- Lock Box
- Frame Cylinder
- Cylinder Box

CENTRAL OPENING

- Same rail
- Reverse mullion

CONCEALED DRAINAGE SYSTEM

- Exceptional corrosion resistance
- Sill
- Gutter

SMART SOLUTIONS TECHNOLOGICAL POSSIBILITIES

Locking systems

- Eletromechanic lock
- Electromagnetic lock **

Control & Access

- Fingerprint scanner
- Numeric keypad
- RFID System
- HYLINE push buttons
- HYLINE touch screen
- Remote control
- Domotics

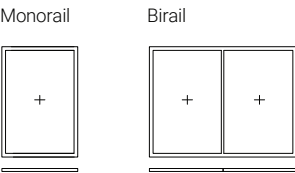
Sensors & Extras

- Controlled opacity
- Alarm sensor
- A.D. sensor

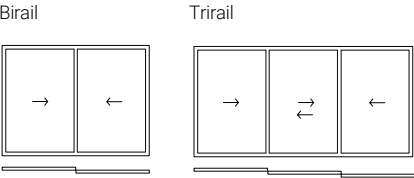
MOTORISATION

- Top motorisation
- Lateral motorisation
- Automatic HYFLY | Mosquito net

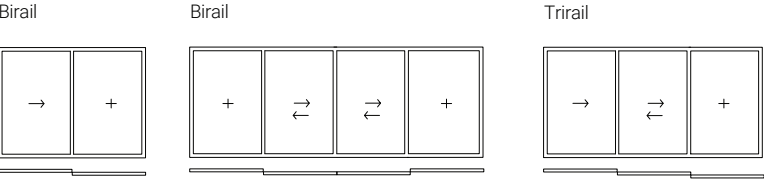
FIXED



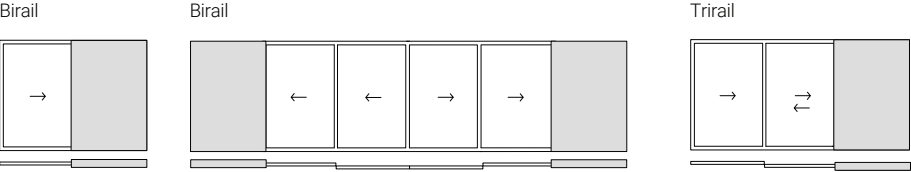
SLIDING



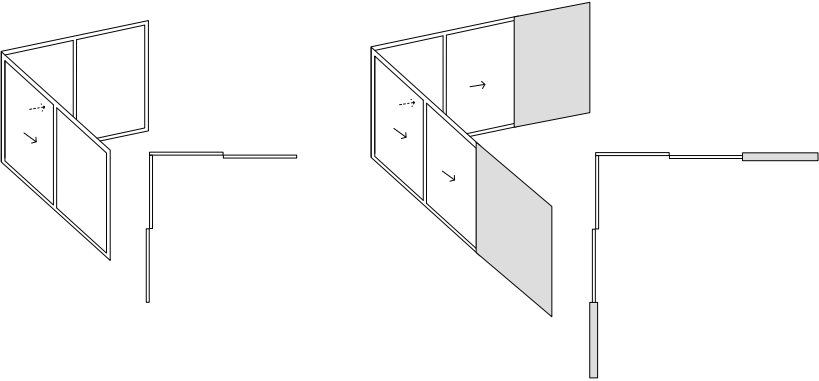
SLIDING & FIXED



SLIDING & POCKET



SLIDING, POCKET & CORNER



* Frames weighing over 350 kg must be motorised. Mandatory for safety and comfort reasons. Exceptions only upon a written declaration signed by the client.

** Requires a supplementary uninterruptible power supply (UPS). Requires the use of a secondary locking system, such as a manual locking switch or a safety dropbolt.

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