

—HYLINE®—

Location | Brazil | Architect | Jacobsen Arquitetura | Photography | Fernando Guerra

HY40 Brochure
V.1.0 | 2026 | UK

HY40

HY40
Integrated



Integrated Mosquito net | HYFLY



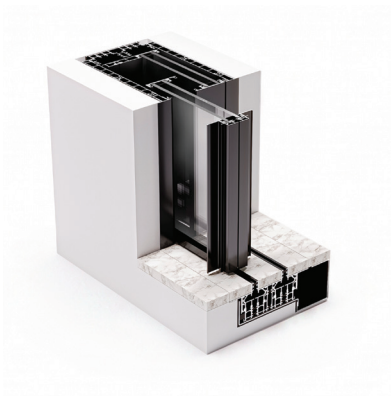
Elegance
in every scenario

HY40 is a disruptive glazing system that redefines architectural standards through an innovative, technology-driven approach to high-performance glazing.

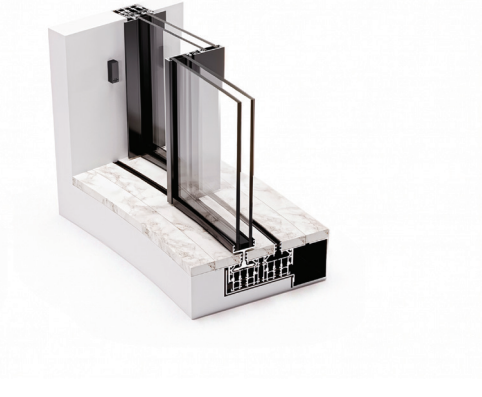
Designed for the luxury real-state segment, this multifunctional Hyline WG tech minimalist glazing system delivers outstanding performance even in the most extreme weather conditions.

Its ultra-slim 18 mm aluminum sightline enables expansive panoramic views,elevating the system beyond atechanical solution into a refined architectural statement.

Integrated Pocket



Integrated Curved system | HYARC



Engineered for exceptional structural strength and full compliance with the most demanding energy efficiency and acoustic insulation standards, **HY40** seamlessly blends innovation, comfort, and design excellence.

HY40 is where innovation becomes invisible, and architecture becomes experience—achieving the ultimate balance between performance, minimalism, and timeless design.

DIMENSIONS

Max weight [kg] <i>per sash</i>	up to 1000*
Dimensions [w-h] <i>per sash</i>	3200x6000
Max. Glazing Area [m²] <i>per sash</i>	18
Glazing capacity [mm]	30-34-38

PERFORMANCE

Air permeability	up to Class 3
Resistance to wind load	up to Class C5
Water tightness	up to Class 8A

Thermal

Thermal Transmittance [Double glazing]	Up to 1.4 W m² K
Thermal Transmittance [Triple glazing]	Up to 1.22 W m² K

Acoustic Isolation

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

EU Regulatory Compliance	CE & CPR Certified
	EPBD Optimized
	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

TPOLOGIES

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

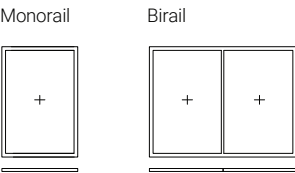
Sensors & Extras

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

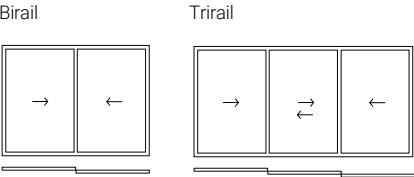
MOTORISATION

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

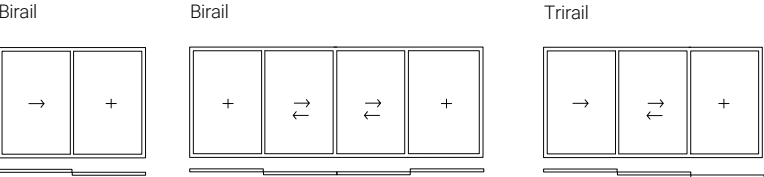
FIXED



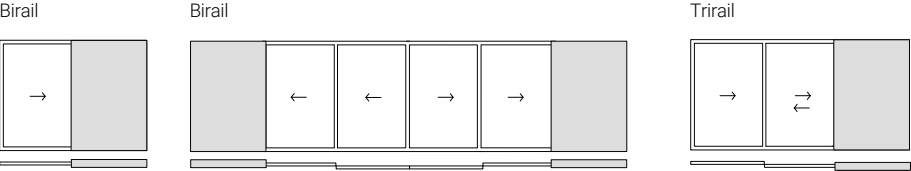
SLIDING



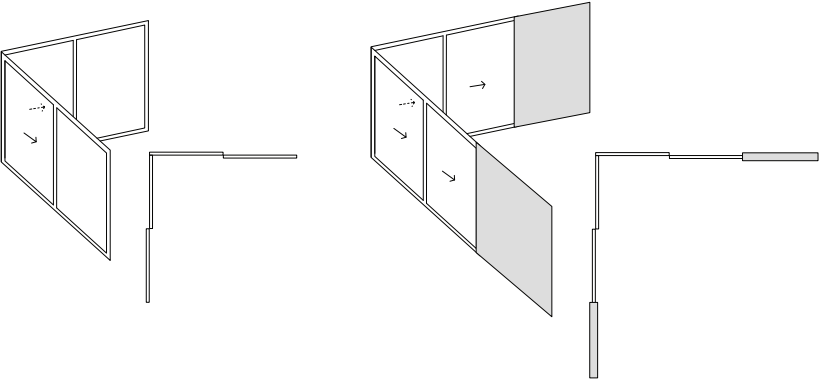
SLIDING & FIXED



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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