

Minimalist PY100-Series

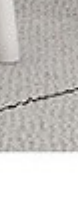
Sliding and casement window series featuring
a comprehensive laser welding system.



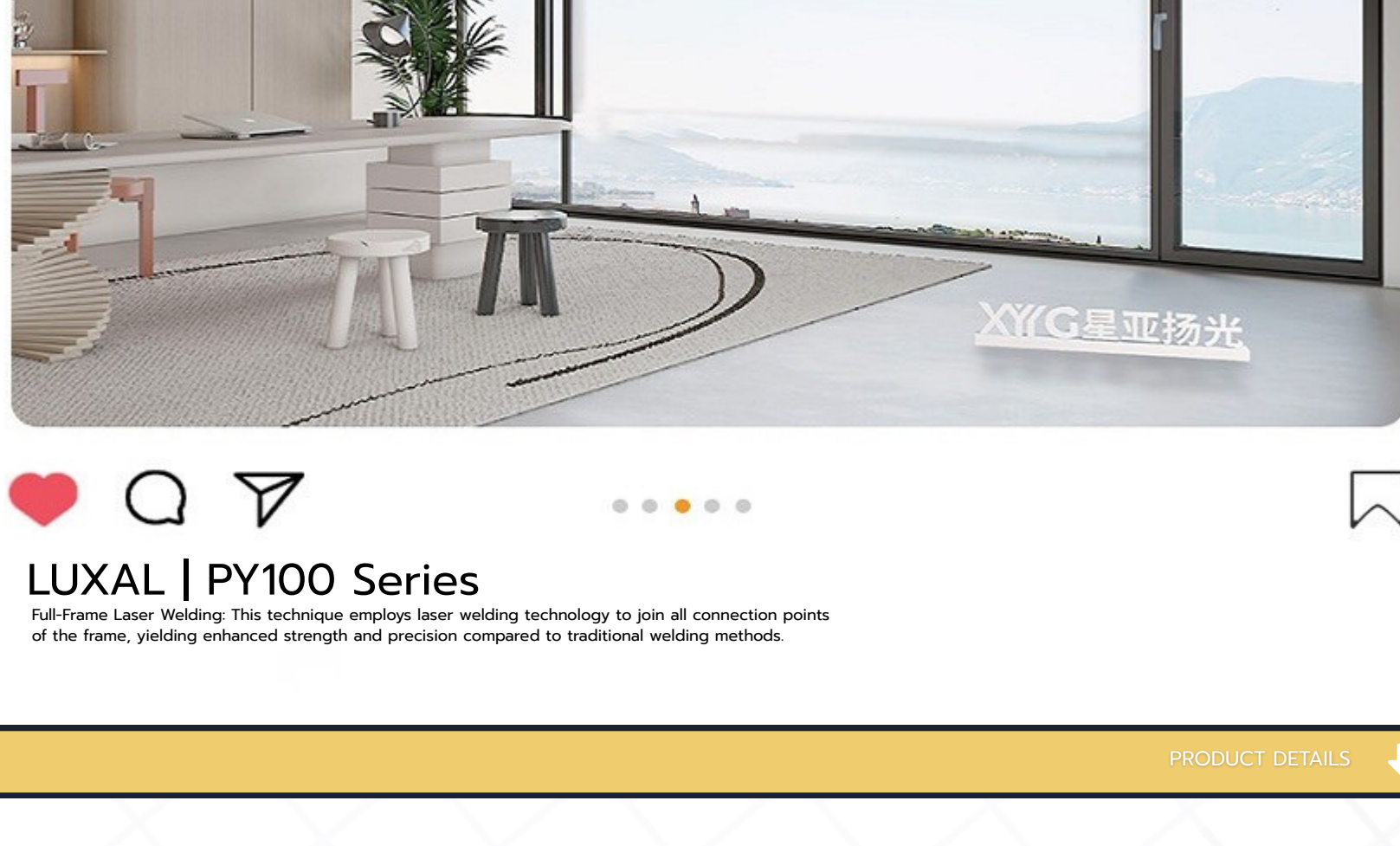
Crafted with brilliance.

"A novel definition of simplicity: the extraordinary within the ordinary."

Minimalist design that encapsulates creativity. Minimalist doors and windows, straightforward yet impactful.



LUXAL | T30S Series



LUXAL | PY100 Series

Full-Frame Laser Welding: This technique employs laser welding technology to join all connection points of the frame, yielding enhanced strength and precision compared to traditional welding methods.

PRODUCT DETAILS



PY100 | Inward-Tilting Sliding and Casement Window Collection

Product details(Product Specifications)

- Frame cross-sectional width: 97 mm.
- Frame width: 38 mm.
- Material: Aluminum alloy (6063-T5 and 6063-T6)
- Aluminum thickness: 1.8 mm.
- Insulated glass (24mm insulated glass): 5mm + 20mm + 5mm
- Hardware: MesLo Tilt and Glide
- Structural System: Multi-Chamber Thermal Break Framework
- Energy Efficiency: Thermal Break Material PA66GF25
- Sealing system: HAIDA three-layer rubber seal.
- Powder coating specifications: AkzoNobel powder coating (premium, world-class quality).
- Window screens: Standard 0.6 mm security screen (Optional: Imported Japanese screens, high-transparency PET screens, or 0.1 mm security screens).

PY100-Series

Size Limits

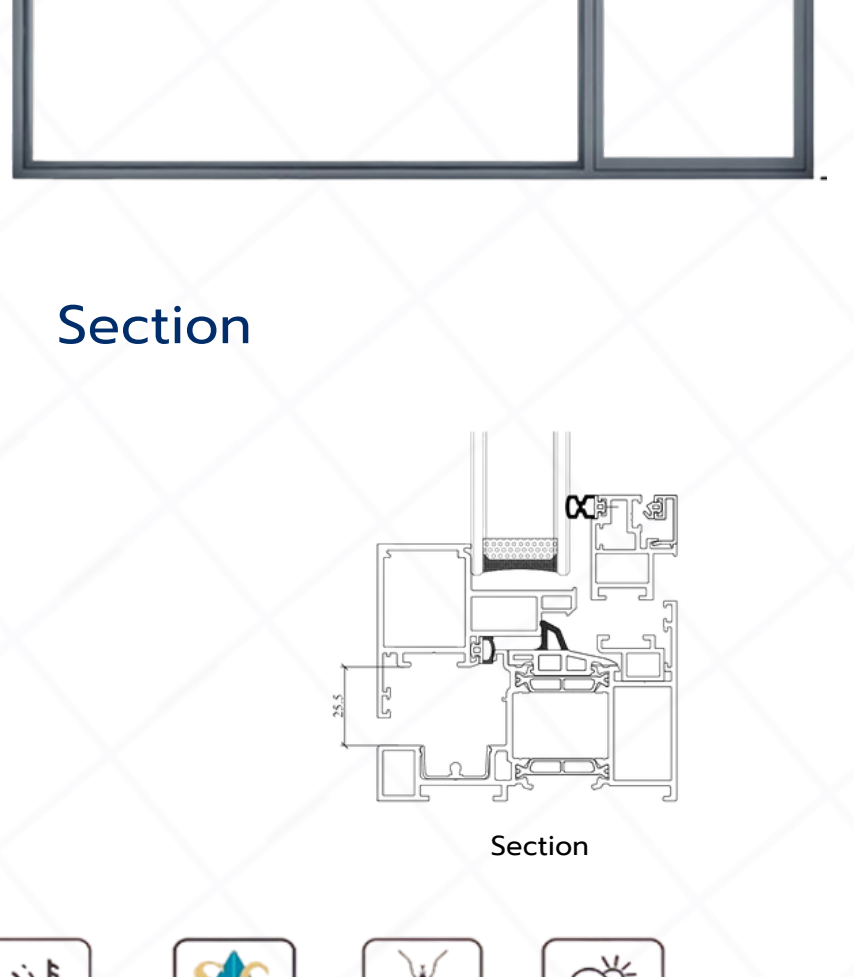
Sliding and casement windows
(standard model):

Width (W): 550 - 900 mm.

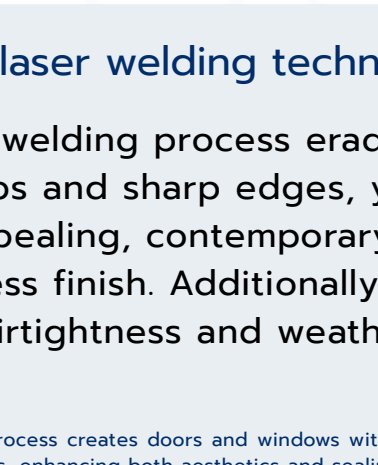
- Height (H): 1055 - 1500 mm
- Sliding and casement windows (folding style)

Width (W): 550 - 900 mm.

- Height (H): 1,055 - 2,500 mm



Section



Section



Section



Minimalist Frame



Wind Resistant



Soundproof



Premium Brand Glass



Insect Screen

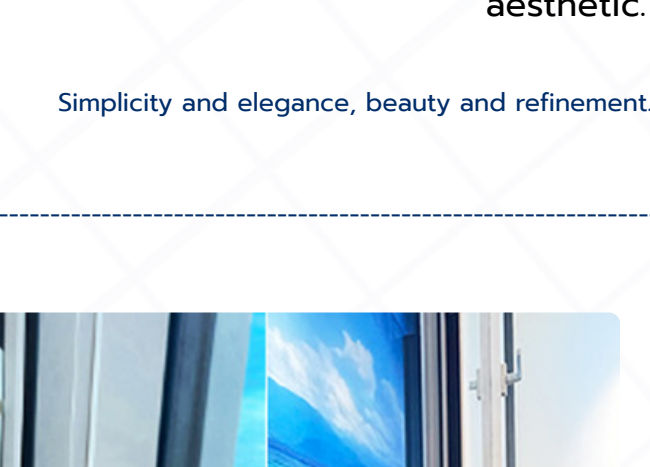


Weather Resistant

Seamless laser welding technology

Our fusion welding process eradicates surface gaps and sharp edges, yielding a visually appealing, contemporary, smooth, and seamless finish. Additionally, it improves airtightness and weather resistance.

The laser welding process creates doors and windows with seamless surfaces and rounded corners, enhancing both aesthetics and sealing efficiency.



Minimalist aesthetics



Elegant, refined, and remarkably exquisite.

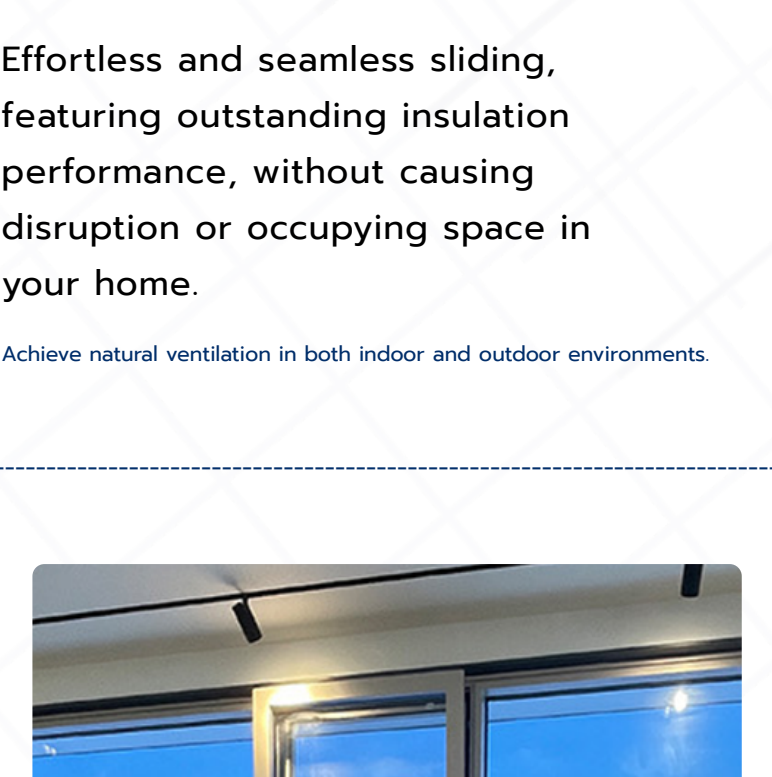
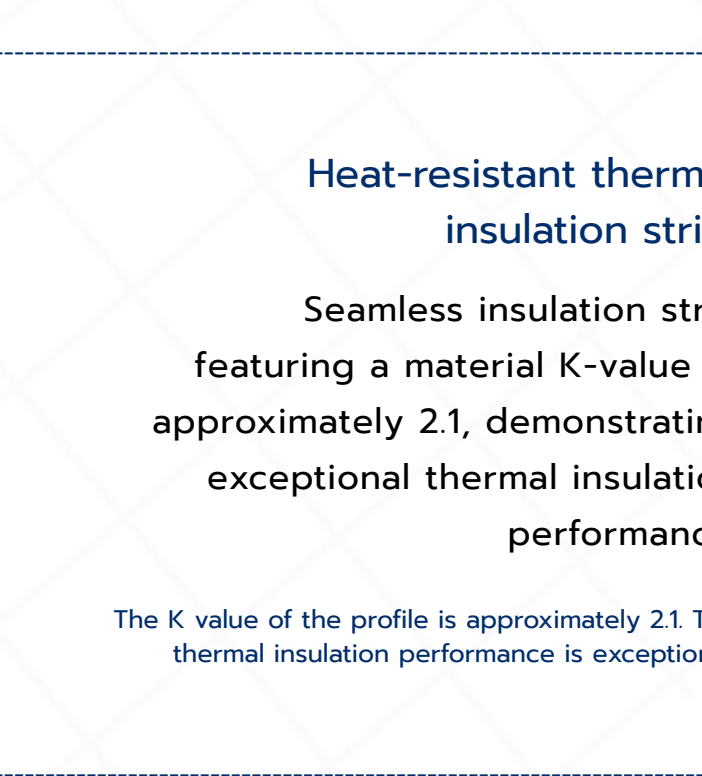
Full-frame glazing bead design:
Delivers a sophisticated, contemporary, and enduring aesthetic.

Simplicity and elegance, beauty and refinement.

Merlion sliding and hold-open door mechanism

MesLo's ultra-precise Tilt & Glide system, which incorporates sliding and tilting mechanisms, facilitates effortless opening and closing while incorporating anti-mishandling technology.

The Merlion's direct cutting and translation function prevents misoperation.



Heat-resistant thermal insulation strip.

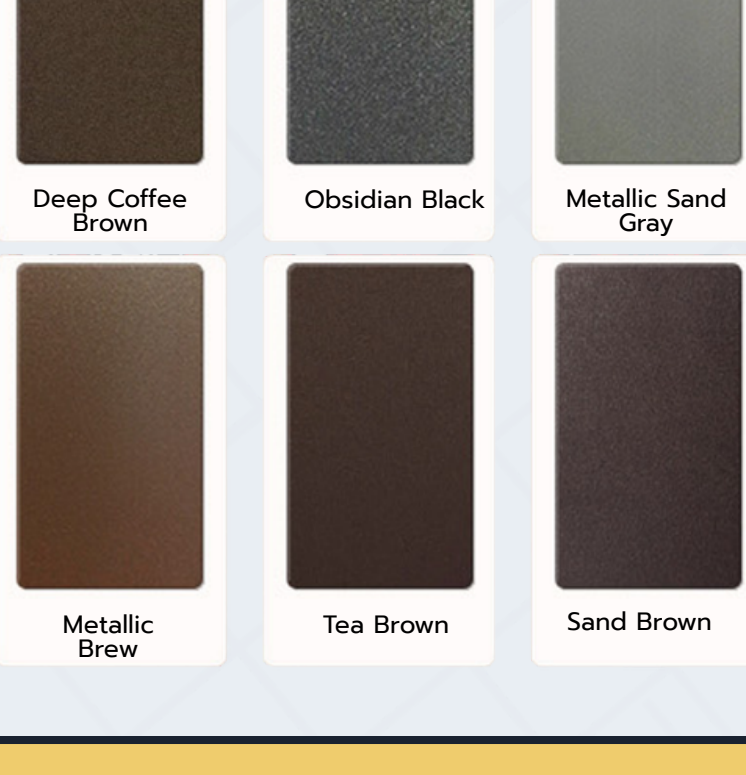
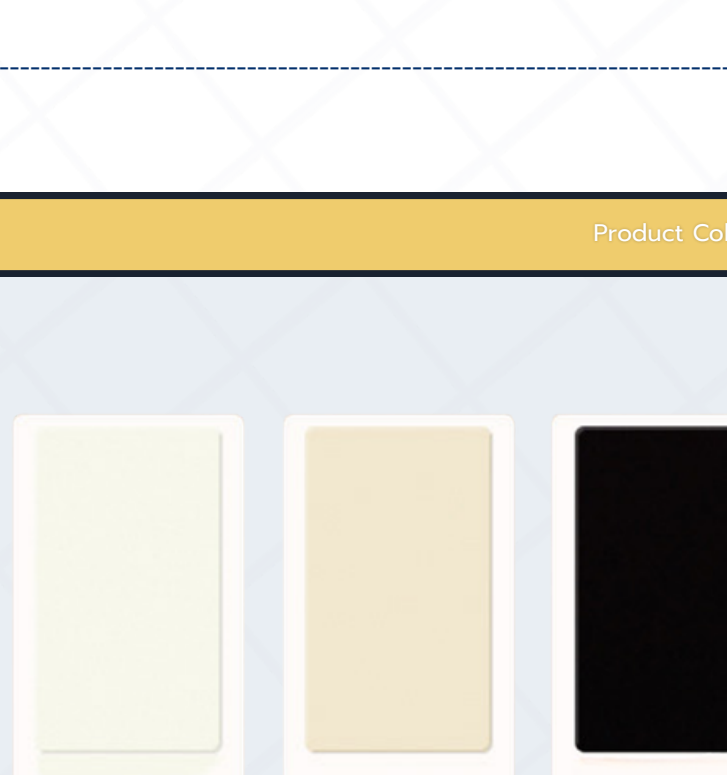
Seamless insulation strip featuring a material K-value of approximately 2.1, demonstrating exceptional thermal insulation performance.

The K value of the profile is approximately 2.1. The thermal insulation performance is exceptional.

Opening format 1 - Parallel sliding aperture

Effortless and seamless sliding, featuring outstanding insulation performance, without causing disruption or occupying space in your home.

Achieve natural ventilation in both indoor and outdoor environments.

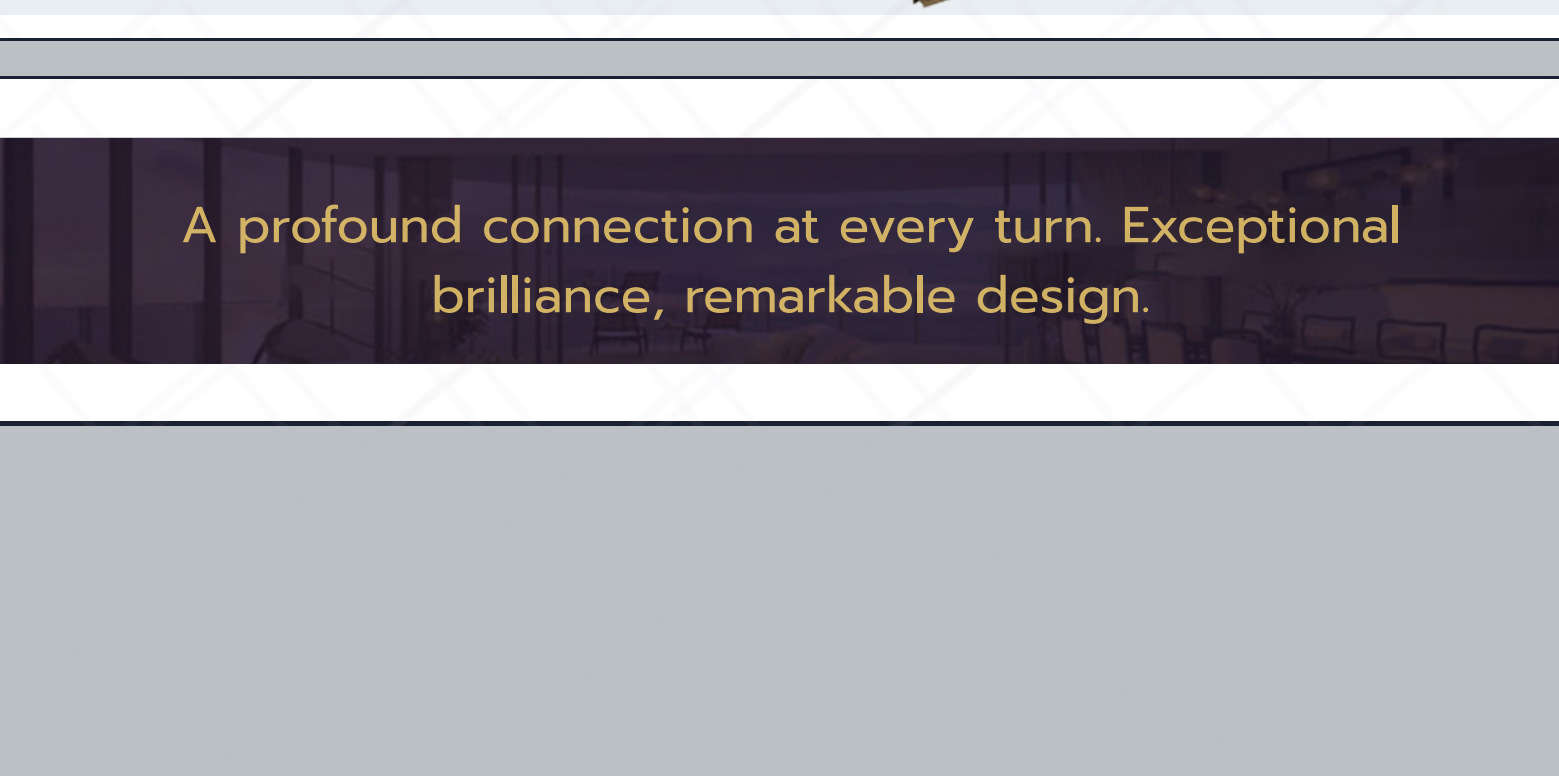


Opening style 2: Inward opening with a push-and-tilt mechanism.

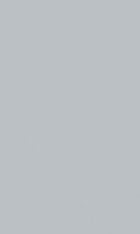
It facilitates natural ventilation while serving effectively as a barrier against dust and rain.

Dust-resistant and water-resistant

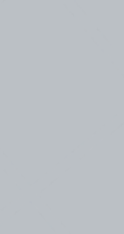
Product Color



Hardware/accessories



Cmech Handle



Merlion Handle

A profound connection at every turn. Exceptional brilliance, remarkable design.