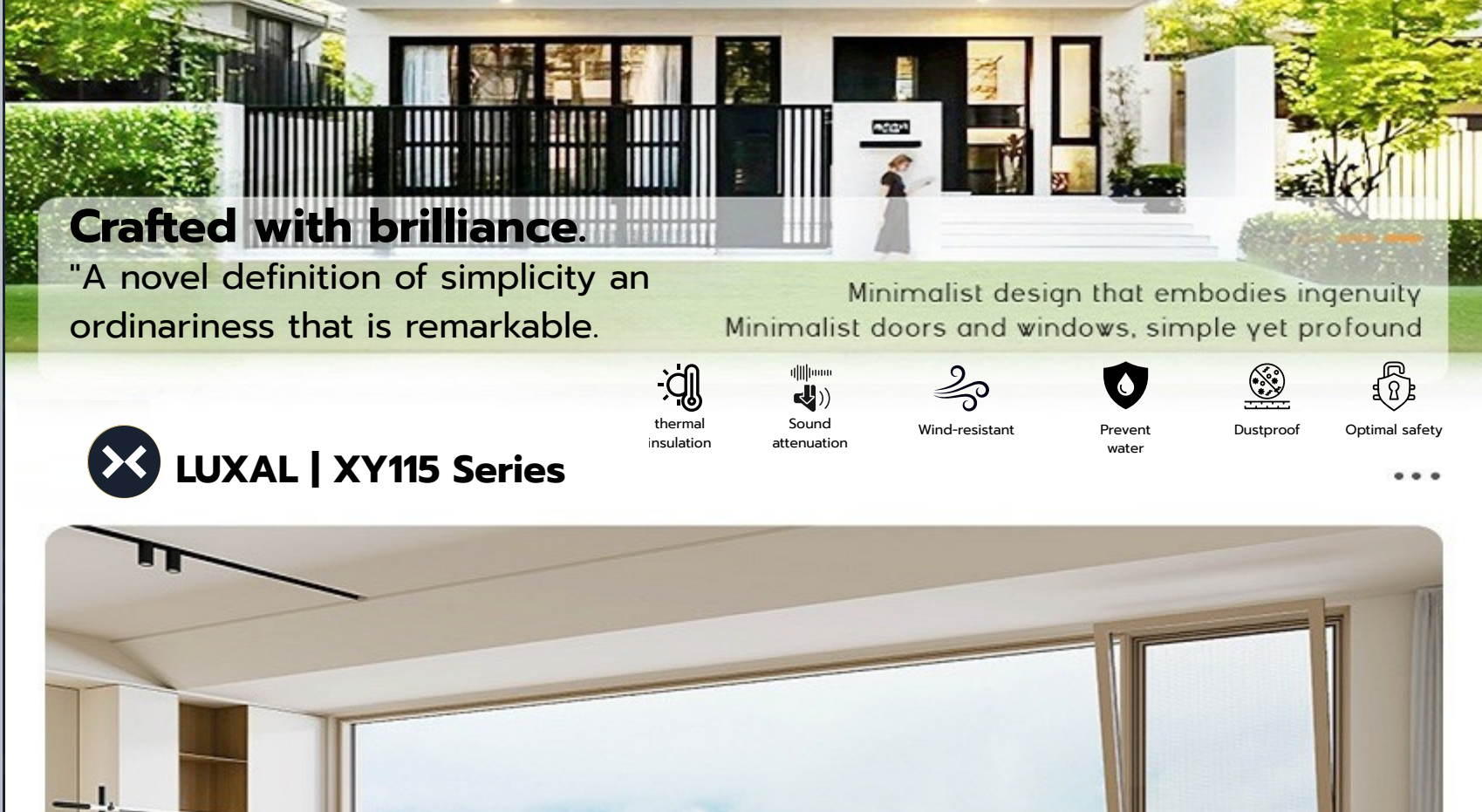


Minimalist XY115-Series

Comprehensive Laser Welding Series



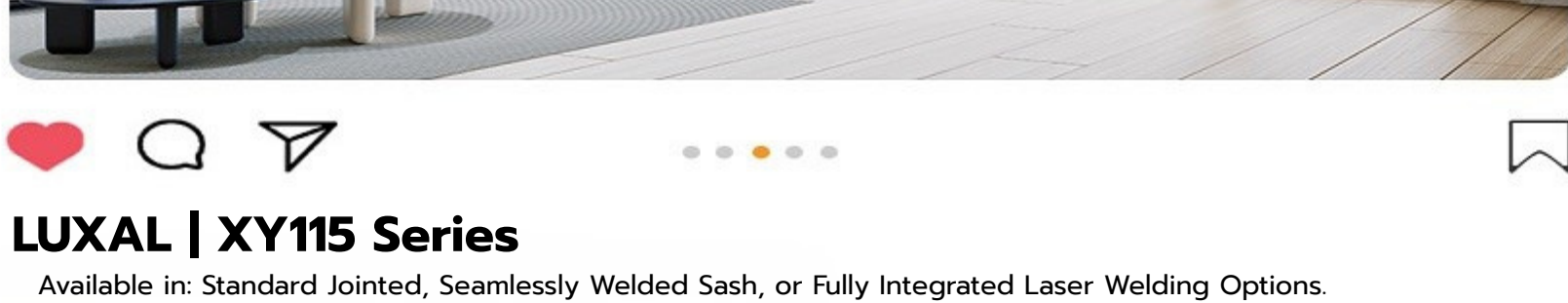
Crafted with brilliance.

"A novel definition of simplicity and ordinariness that is remarkable."

Minimalist design that embodies ingenuity. Minimalist doors and windows, simple yet profound.

LUXAL | XY115 Series

- Thermal insulation
- Sound attenuation
- Wind-resistant
- Prevent water
- Dustproof
- Optimal safety



LUXAL | XY115 Series

Available in: Standard Jointed, Seamlessly Welded Sash, or Fully Integrated Laser Welding Options.

PRODUCT DETAILS



XY115 System interface

Thermal break featuring an integrated mosquito net, designed to open outward.

Product details(Product Specifications)

- Profile : Width: 112 mm
- Sash Profile Width: Exterior frame 18 mm
- Material: Aluminum Alloy (6063-T5 & 6063-T6)
- Aluminum Thickness: 1.8 mm
- Insulated Glass: 5 mm + 20A + 5 mm (24 mm Insulated Glass)
- Hardware System: SZ HOPO, Oaasm, Stanford, Cmech
- Profile Structure: Multi-Chamber Thermal Break System
- Energy Saving: PA66GF25 Thermal Break material
- Sealing System: Triple-seal HAIDA rubber gaskets
- Coating Specification: Premium world-class AkzoNobel powder coating
- Insect Screen: 0.6 mm security mesh (Optional: premium imported screen from Japan or high-clarity PET screen)

XY115-Series

Size Limits

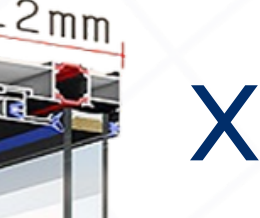
- (W): Opening width: 460 - 700 mm.
- (H): Opening height: 450 to 1500 mm.



Activation Techniques



Single exterior swinging door



Exterior doors featuring mosquito nets.



Elevated exterior entrance doors



Tall exterior casement doors equipped with mosquito screens.



XY115 System interface

Thermal break featuring an integrated mosquito net, designed to open inward.

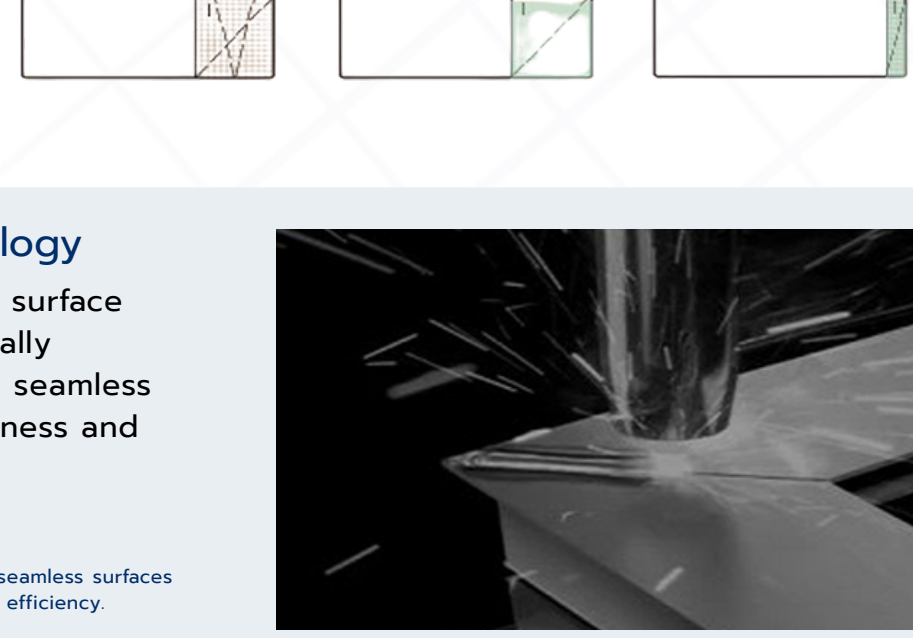
Product details(Product Specifications)

- Profile Width: 112 mm
- Sash Profile Width: Exterior frame 18 mm
- Material: Aluminum Alloy (6063-T5 & 6063-T6)
- Aluminum Thickness: 1.8 mm
- Glass: 5 mm + 20A + 5 mm (24 mm Insulated Glass)
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XY115-Series

Size Limits

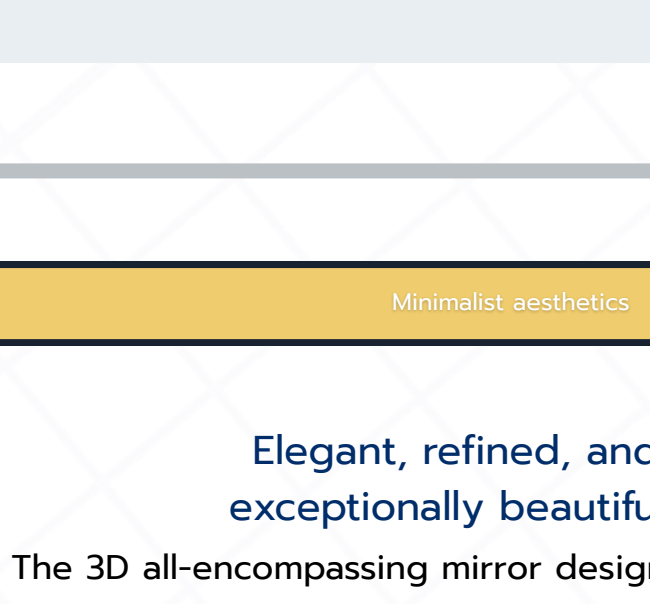
- (W): Opening width: 560 to 900 mm.
- (H): Opening height: 705 - 2200 mm.



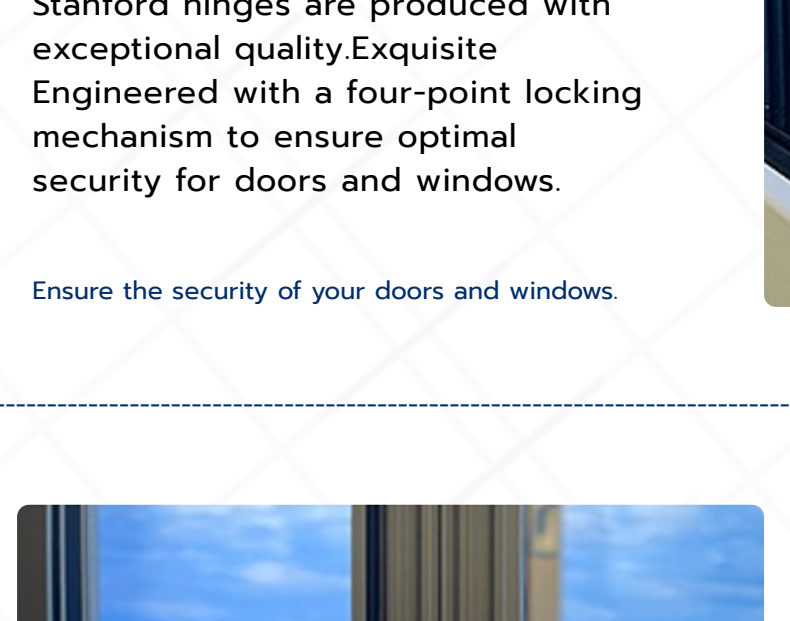
Seamless laser welding technology

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 exceptionally beautiful.

The 3D all-encompassing mirror design is both elegant and refined, featuring an ultra-slim outer frame of merely 18mm, which enhances the viewing experience.

The 18mm outer frame provides an exceptionally slim viewing surface and an exceedingly narrow experience.

Minimalist accessories; elegance in every detail.

Stanford hinges are produced with exceptional quality. Exquisite Engineering with a four-point locking mechanism to ensure optimal security for doors and windows.

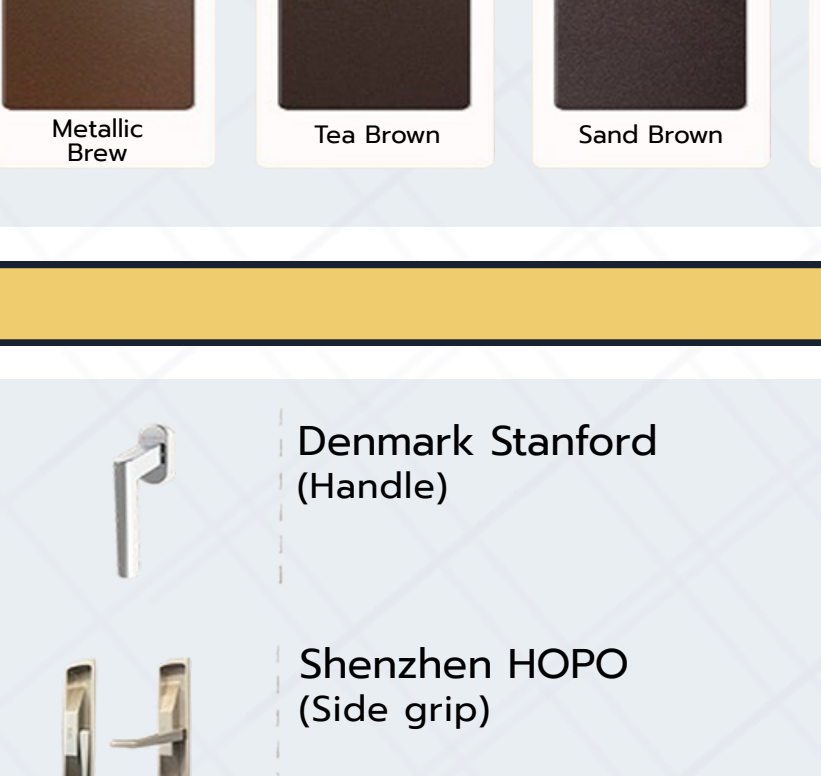
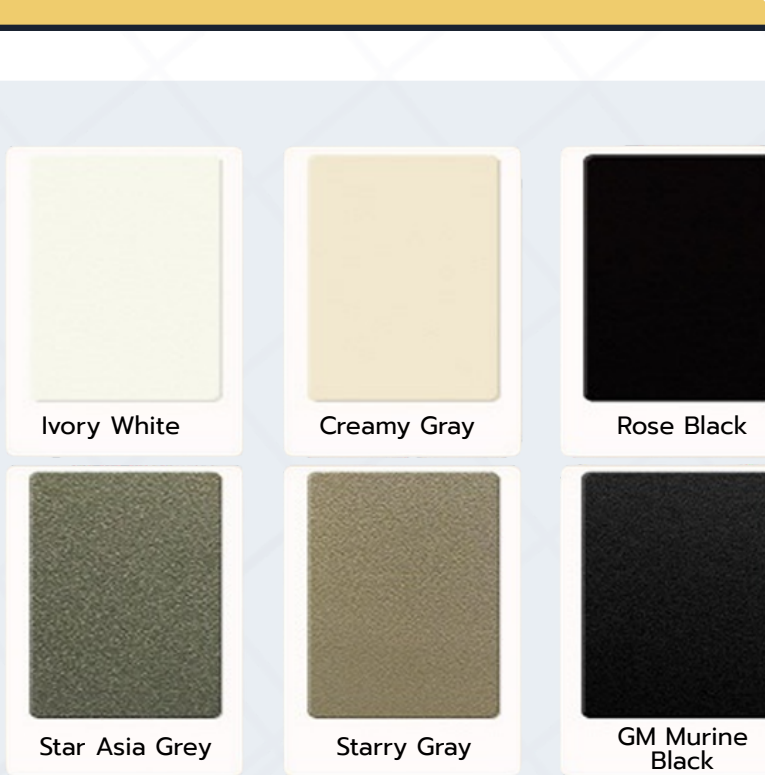
Ensure the security of your doors and windows.



Thermal Insulation Technology

Seamlessly welded thermal insulation strip. The K value of the material is approximately 2.1. The heat protection performance is undeniably exceptional.

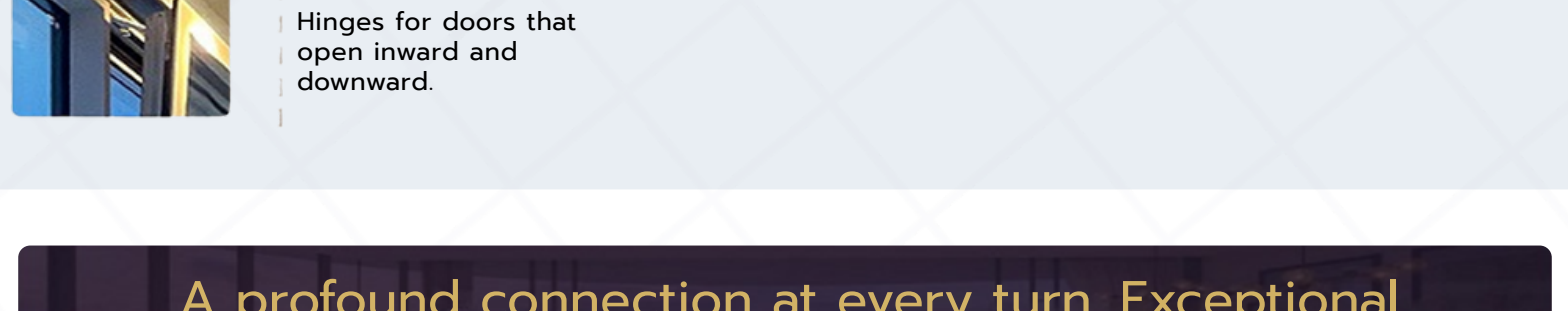
The K value of the profile is approximately 2.1, demonstrating a remarkable heat insulation effect.



Rubber seal kit featuring a dust-proof brush strip.

Premium Haida composite rubber seals offer optimal weather resistance, meeting the strict automotive standards used in luxury vehicles like BMW and Mercedes-Benz.

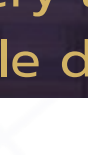
Product Color



Hardware/accessories



Denmark Stanford (Handle)



USA CMECH (Handle)



Shenzhen HOPO (Side grip)



Oaasm: Slimline Push Lock, Handle without Rosette



SIEGENIA Hinges for doors that open inward and downward.

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