Open new realm

ELITE 4075 WINDOWS

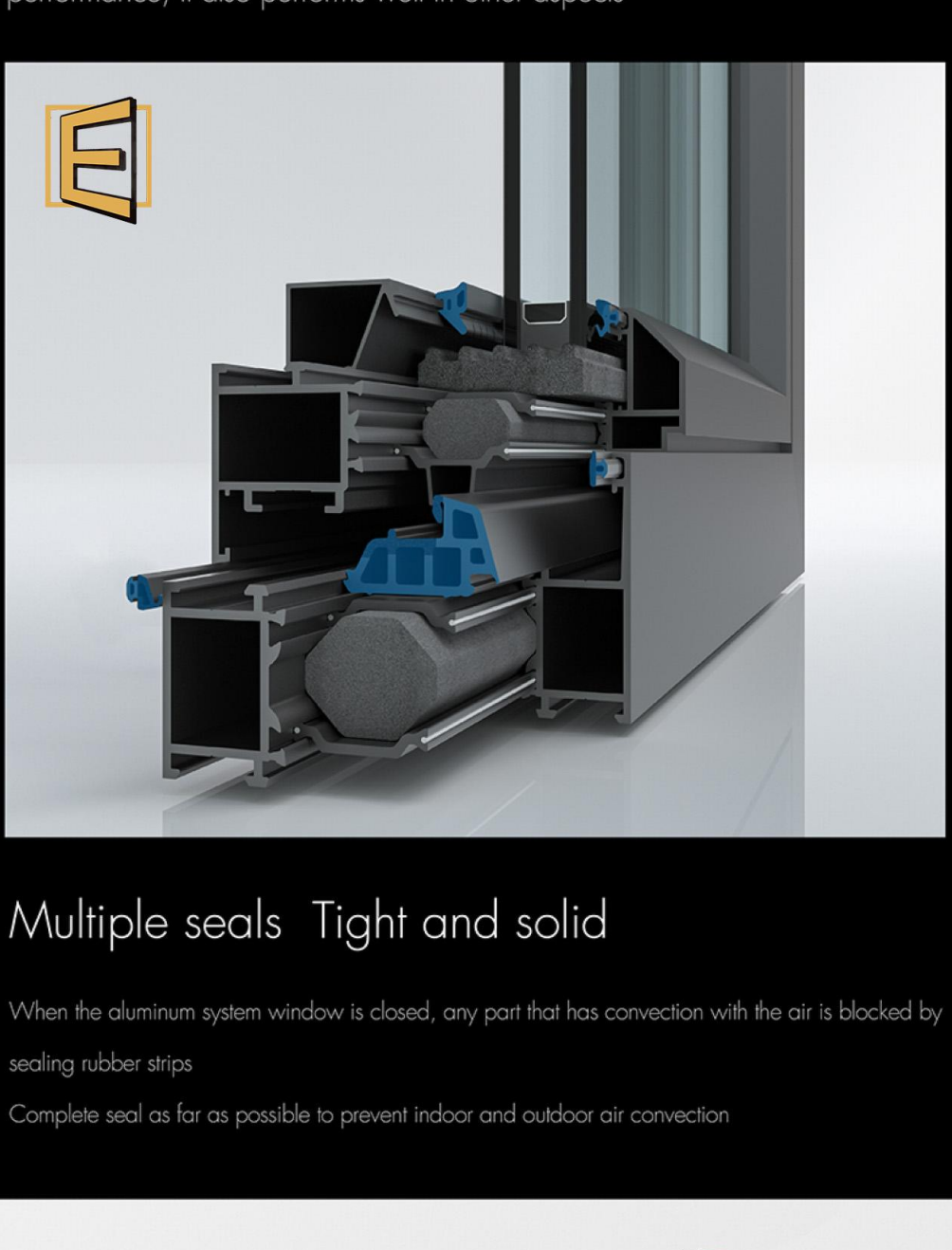
A more comfortable life opens the way to create a more pleasant life experience
A high-quality choice for the backbone of society
The design concept of performance first brings a new realm of difference

ELITE 4075
Open new realm

Lv.8

Air tightness level

Under the action of wind pressure and thermal pressure, air tightness is an important indicator to ensure stable thermal insulation performance of building exterior windows
The airtight performance is directly related to the cold air penetration heat loss of the window. The higher the airtight performance level, the smaller the heat loss
ELITE 4075 aluminum system window has an 8-level airtight performance, which combines structural design with multiple advantages to provide strong performance, it also performs well in other aspects

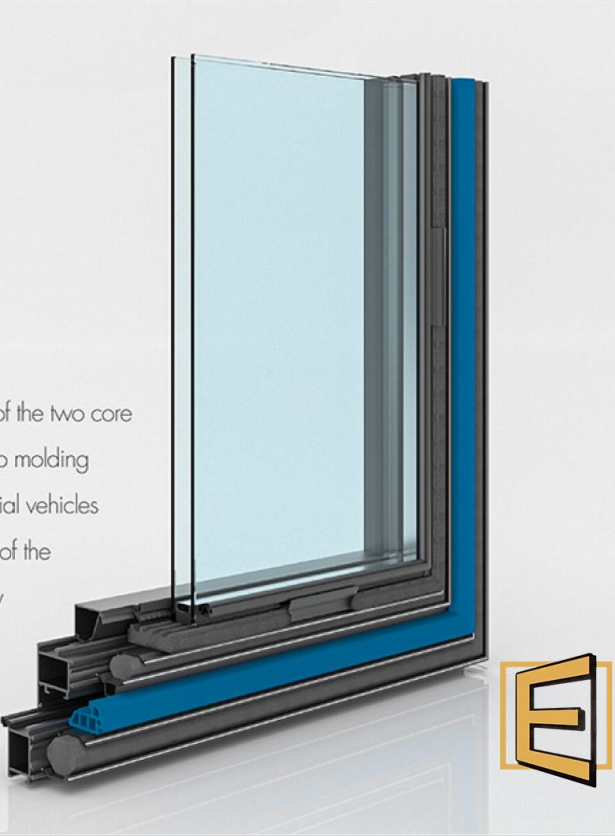


Multiple seals Tight and solid

When the aluminum system window is closed, any part that has convection with the air is blocked by sealing rubber strips
Complete seal as far as possible to prevent indoor and outdoor air convection

Main sealant strip
Microwave vulcanization
360 ° closed-loop
without interface

Bearing the sealing performance, drainage performance of the two core
Using high-quality EPDM microwave vulcanization one-step molding closed-loop technology, the same level standard for industrial vehicles
Improve aesthetics and practicality, ensure that the sealing of the airtight chamber and the drainage channel and temporary water storage space of the watertight chamber play a decisive role in the two major performance of aluminum system doors and windows



-40°C

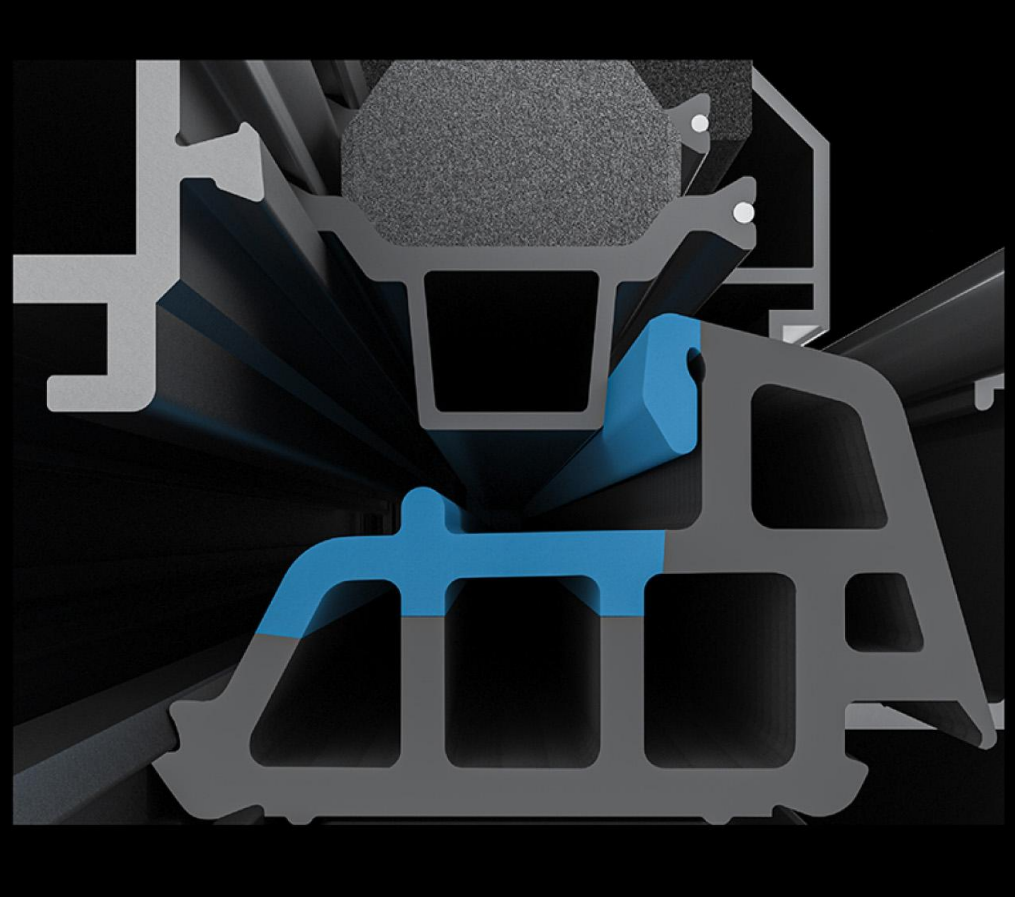
+120°C

Ultimate temperature resistance
Long term sealing

Long-term sealing performance in the temperature range of below 40 degrees to above 120 degrees, always showing the best mechanical and physical properties in the temperature range
High resilience and reach the highest elastic value when the window is closed, excellent cushioning and impact resistance, low thermal conductivity and excellent thermal insulation performance

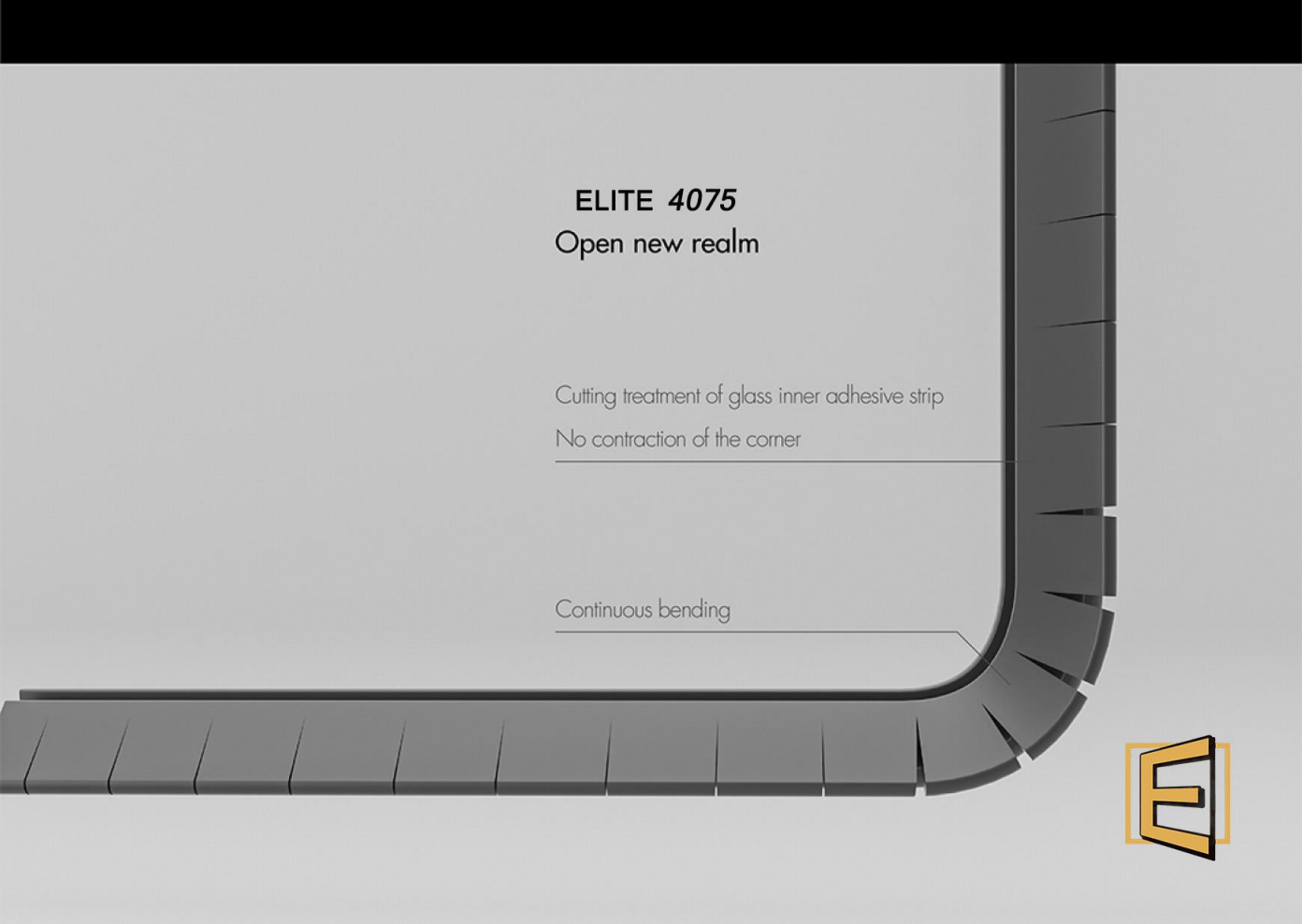
Sealant strip
The life span can last for more than 25* years

*More than 25 years is the life span under normal use



Main sealing strip
EPDM foaming soft and hard coextrusion

Main sealant strip using EPDM dense and foam coextrusion process
Further improve the overall air tightness, water tightness, and dust prevention function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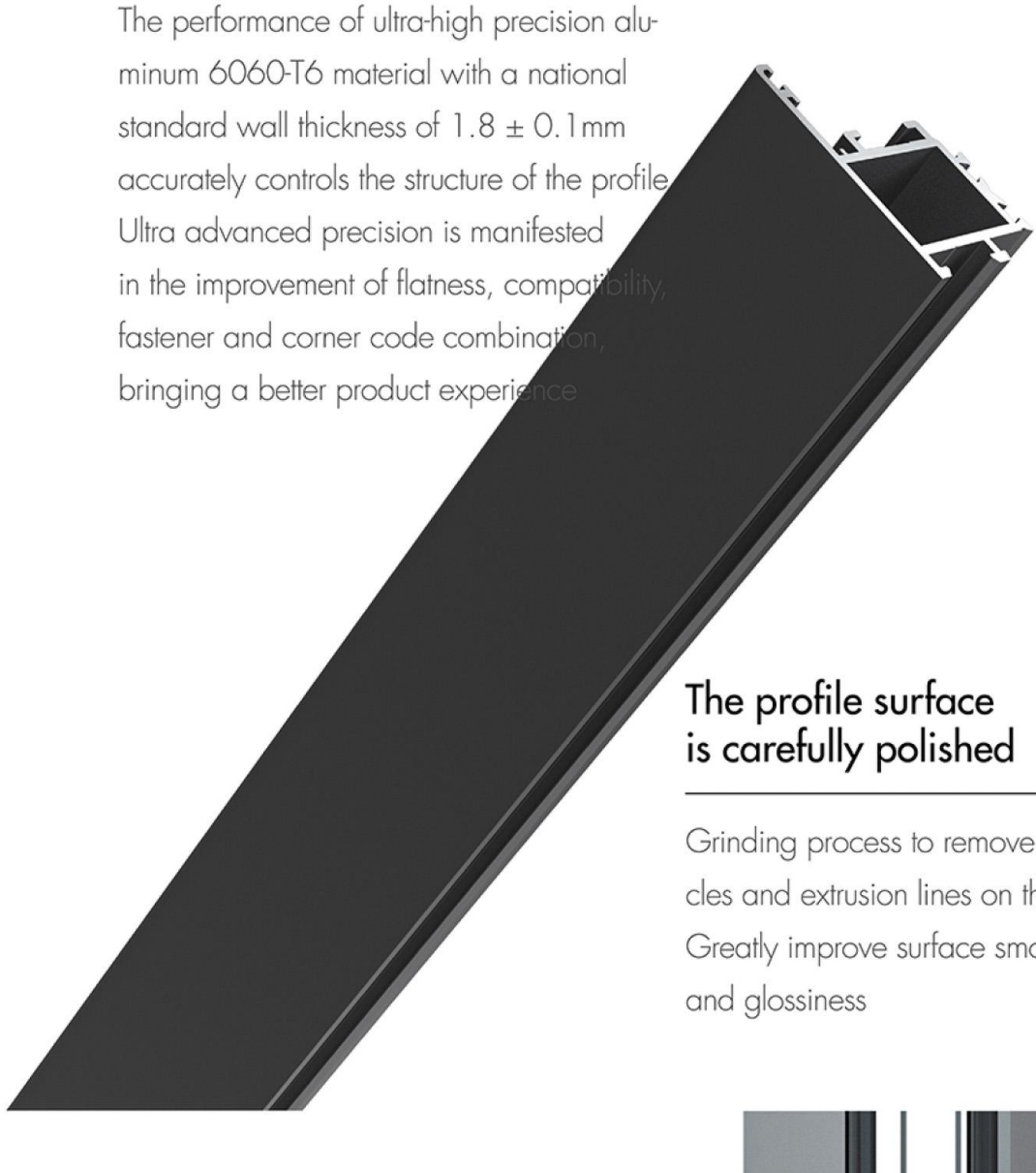
Cutting treatment of glass inner adhesive strip
No contraction of the corner
Continuous bending

Lv.9

Wind pressure resistance grade

Ultra high precision aluminum profile

The performance of ultra-high precision aluminum 6060-T6 material with a national standard wall thickness of 1.8 ± 0.1mm accurately controls the structure of the profile
Ultra advanced precision is manifested in the improvement of flatness, compatibility, fastener and corner code combination, bringing a better product experience



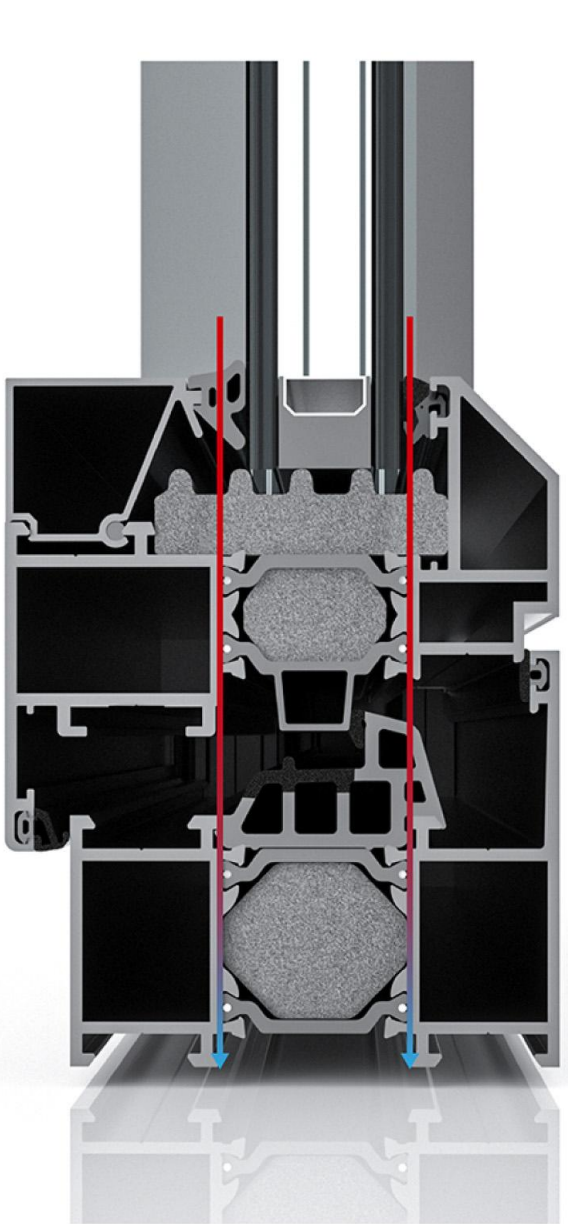
The profile surface is carefully polished

Grinding process to remove small particles and extrusion lines on the surface
Greatly improve surface smoothness and glossiness

Core isotherm

Isotherms are the top priority in the design of aluminum system doors and windows

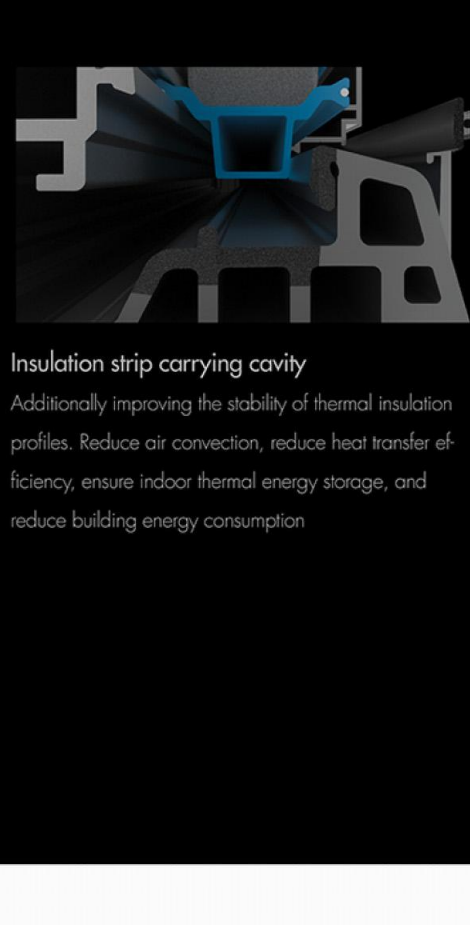
Effectively reduce heat loss caused by air convection
Prevent condensation and ensure heat insulation performance



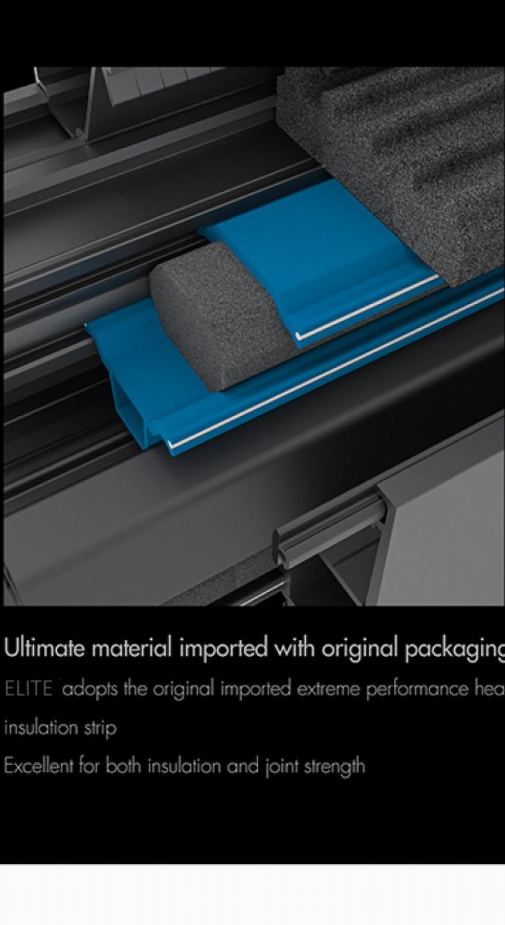
28

28mm heat insulation strip
Centered structure

The performance of the original imported 28mm insulation strip has been incisively and vividly played
The maximum K value of the insulation coefficient of the whole window is 1.5W/M2K



Insulation strip carrying cavity
Additionally improving the stability of thermal insulation profiles. Reduce air convection, reduce heat transfer efficiency, ensure indoor thermal energy storage, and reduce building energy consumption



Ultimate material imported with original packaging
ELITE adopts the original imported extreme performance heat insulation strip
Excellent for both insulation and joint strength

1.5W/M2K

Thermal insulation coefficient K value

Systematic cavity design

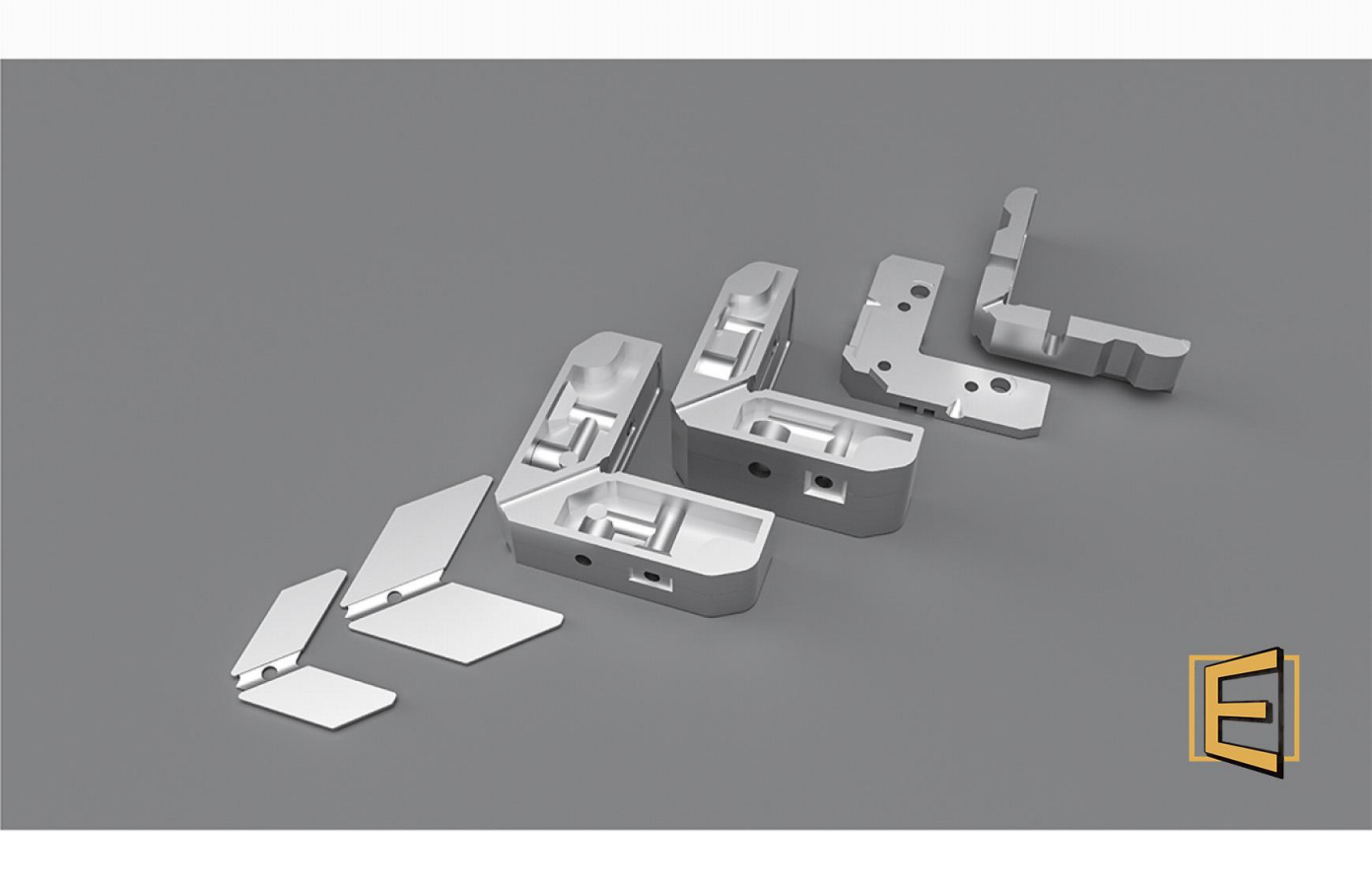
Follow the design concept of performance first and experience first
Constantly exploring a systematic design that integrates strength, performance, and aesthetics
Solve the demand problem caused by building energy consumption and domestic energy consumption

Frame fan cavity system systematization
Balanced frame fan cavity design
Excellent systematic performance

European standard hardware notch
Notch design meeting EU standards
Emphasize the precise matching of hardware and product portfolio

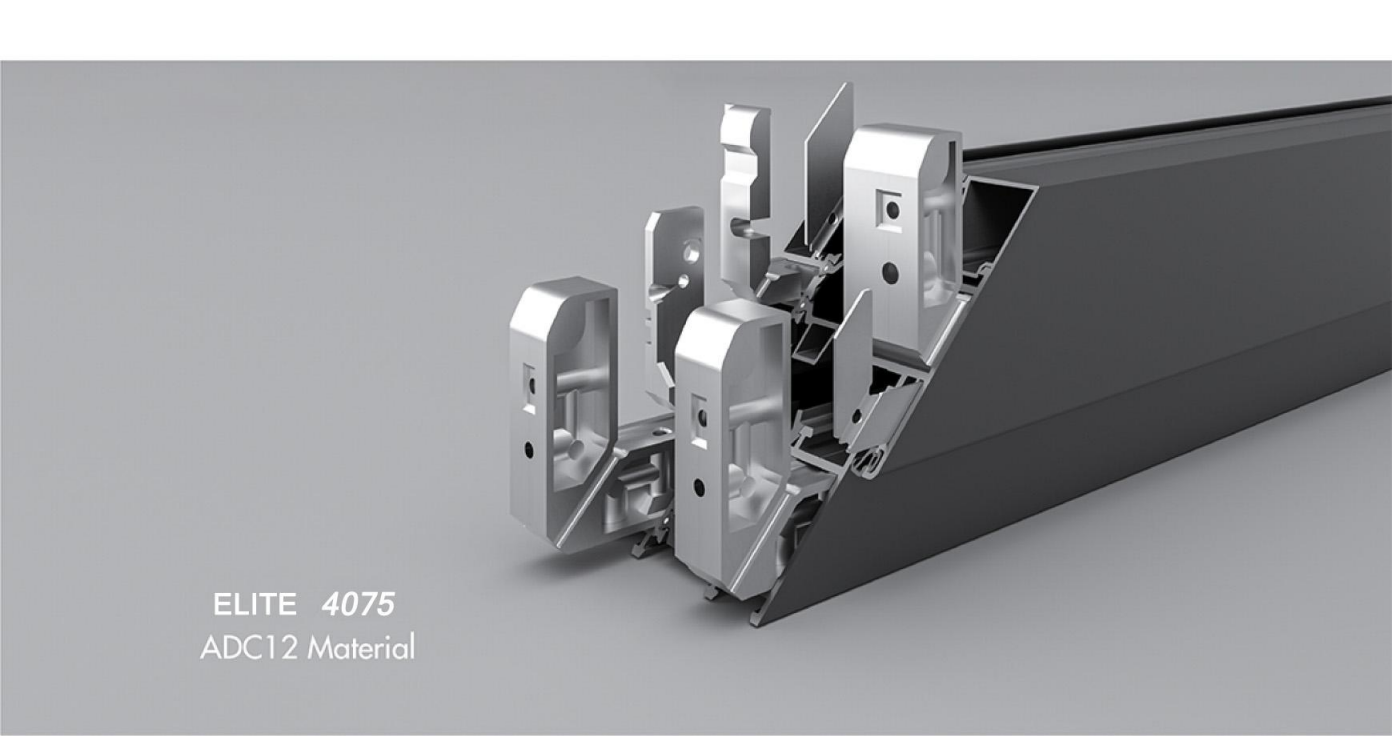
Wall thickness 1.8±0.1mm
Super high precision 6060-T6
Meet the national standard

Reinforcement group corner injection
Extremely strong temperature resistance and adhesion
Window corner shear strength
N ≈ 1.5 tons



ADC12 material
Surge engine design

The full aluminum engine is made of the same type of ADC12 material and is designed with a surging engine corner code combined with a glue injection process
Continuous strength guarantee for product delivery

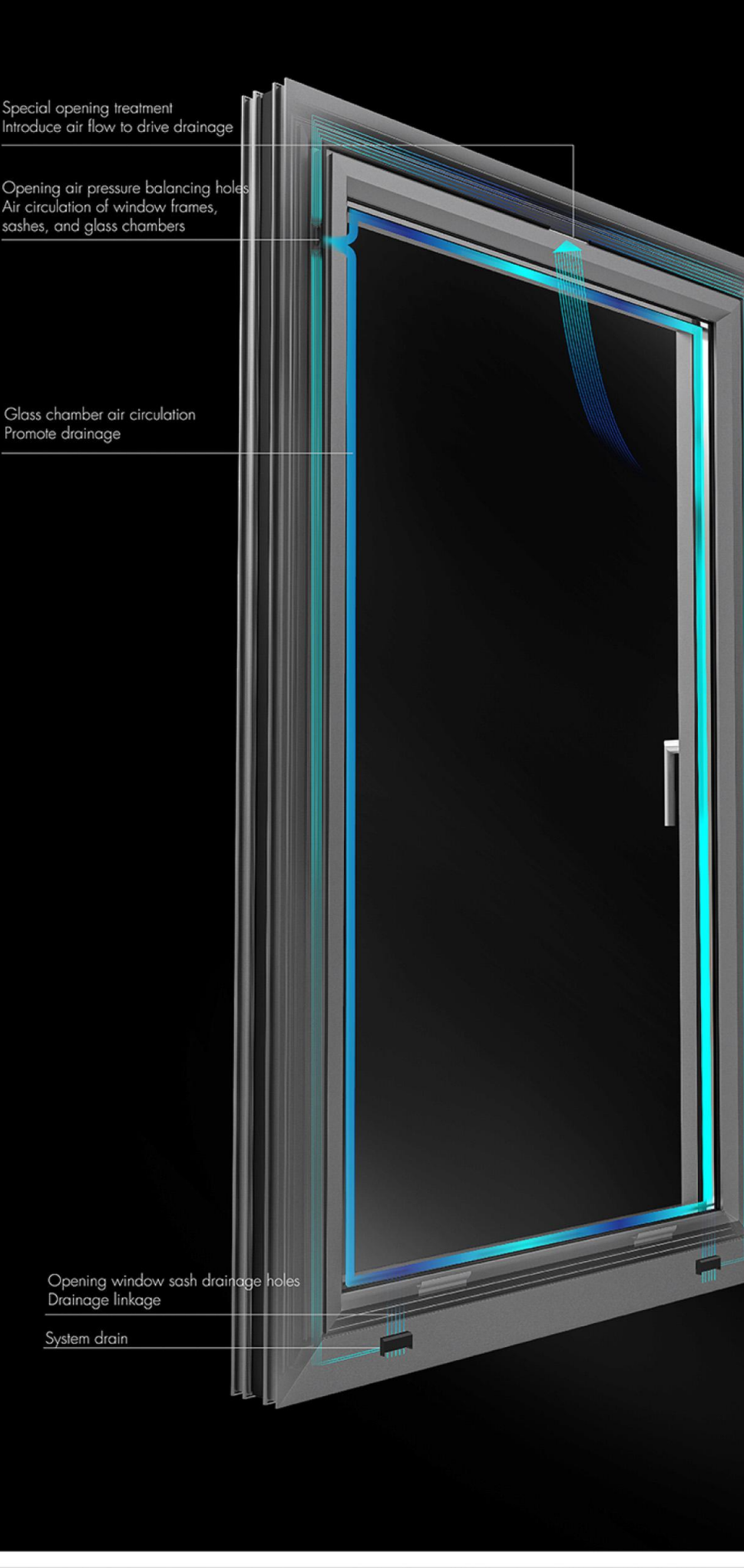


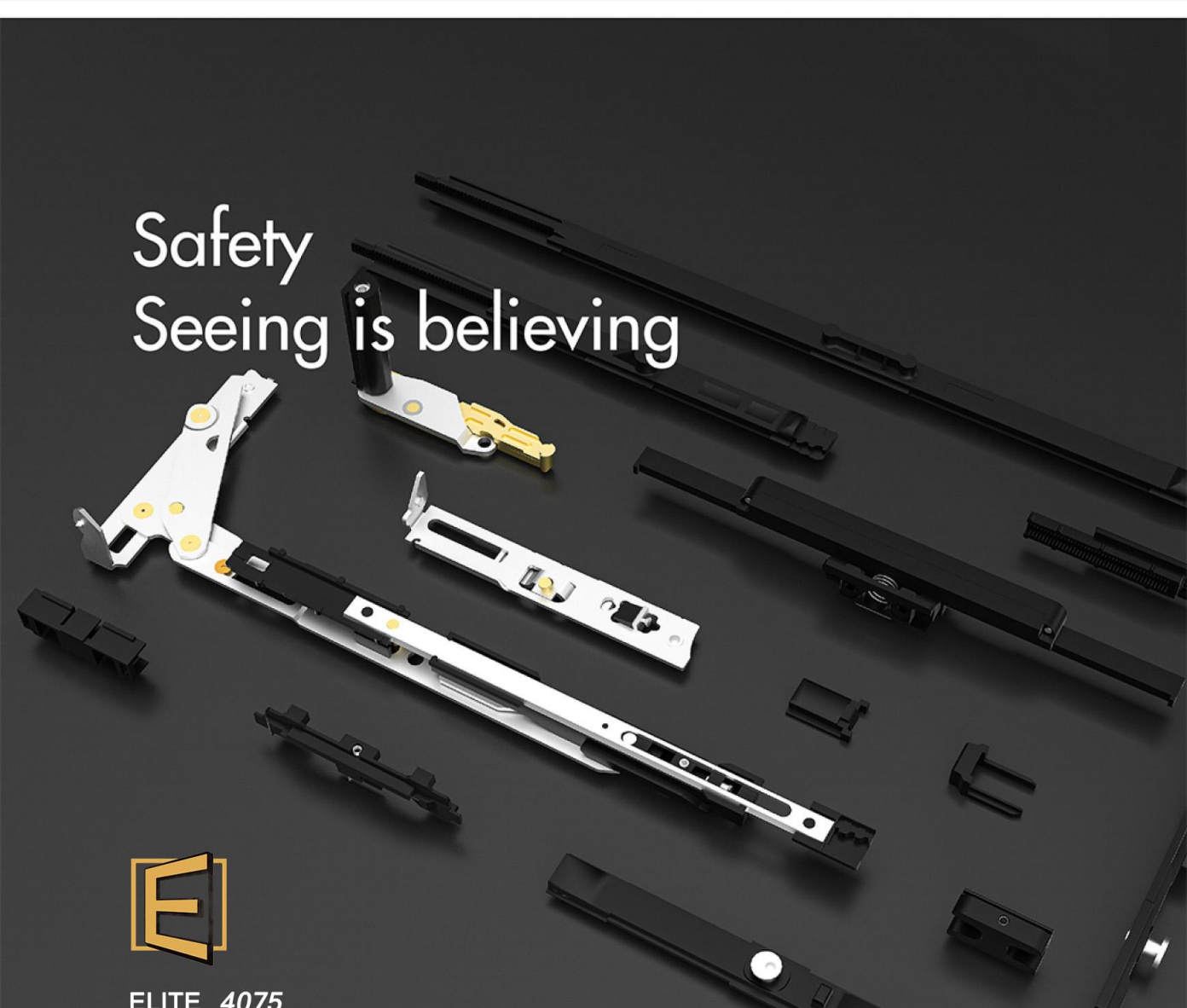
Lv.6

Water tightness level

Dredging as the main task and blocking as the auxiliary

Open drainage holes, air pressure balance holes, drainage holes
Introduce air flow and integrate frame fan with drainage


Special opening treatment
Introduce air flow to drive drainage
Opening air pressure balancing holes
Air circulation of window frames, sashes, and glass chambers
Glass chamber air circulation
Promote drainage
Opening window sash drainage holes
Drainage linkage
System drain

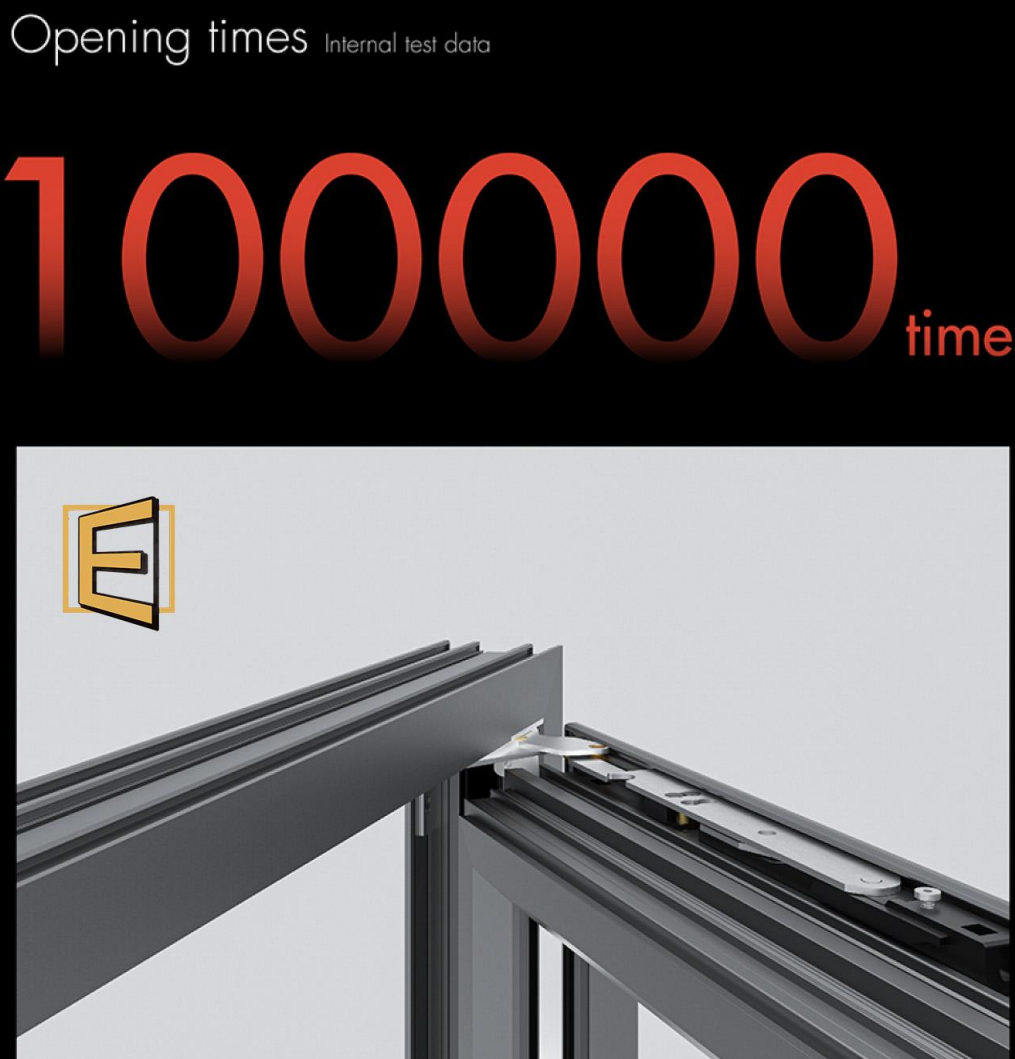


Maximum load bearing

170kg

Opening times Internal test data

100000times



全系标配

Safe mushroom lock poin

Safety certification

SKG ☆☆