

| UltraSlim |  
Less is more

ULTRASLIM | Less is more







## AEGIS SYSTEM

Create a sanctuary of peace and comfort with the AEGIS high-performance aluminum windows and doors. It insulates your home from the outside world, shielding you from extreme temperatures and disruptive noise. Built to be exceptionally strong, durable, and easy to maintain, AEGIS is where sophisticated aesthetics and intelligent functionality unite, perfecting any style of space.



## Handle

Three refined handle designs—Cremonese, Martellina, EXENS—unite ergonomic function with understated elegance.



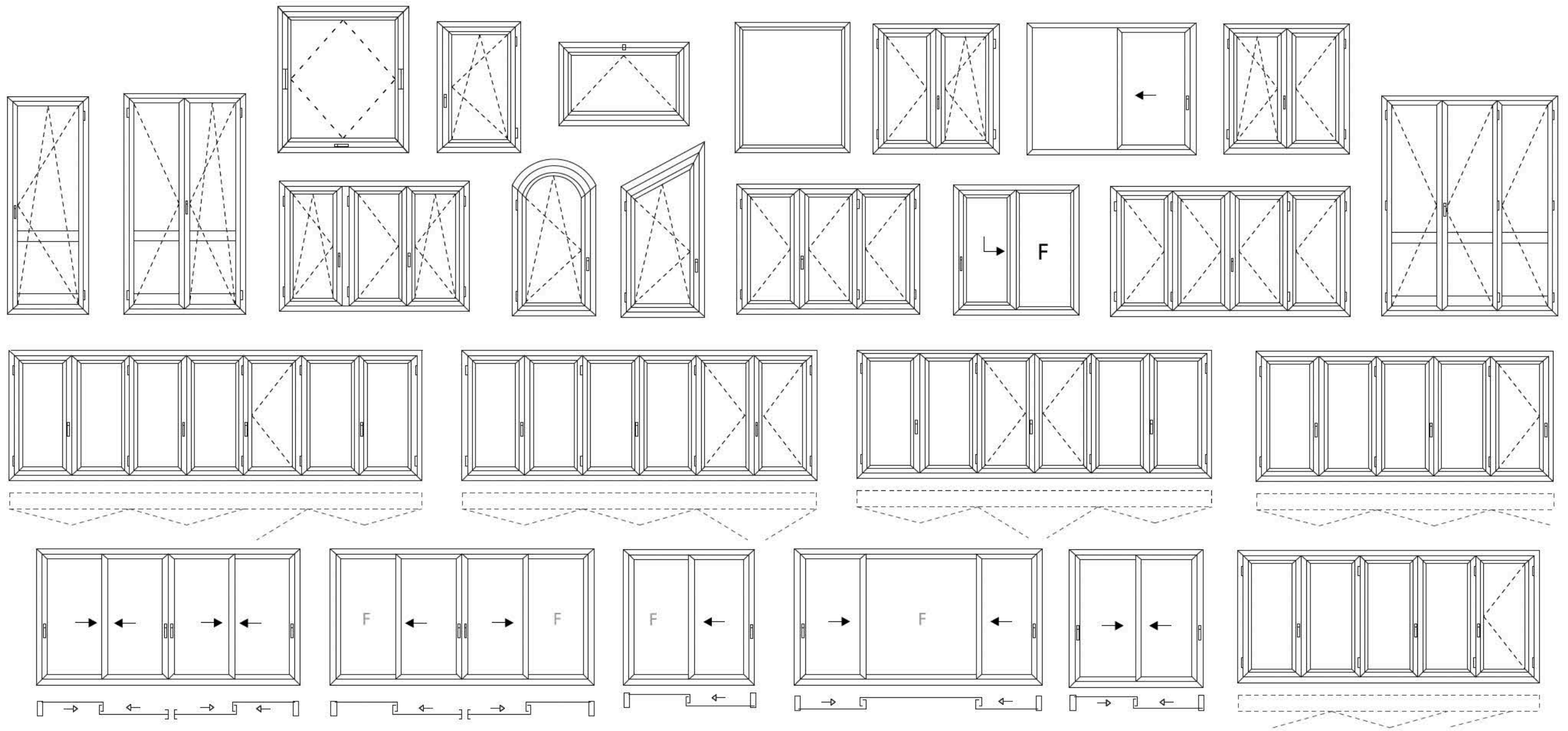
## Multiple Threshold Options

Floor-flush sills eliminate architectural barriers, ensuring seamless transition and safety throughout the home



## Concealed Hinge

Hidden hinges enable 180° opening and support up to 150kg per sash for smooth, durable operation.



EXAMPLES OF SLIDING CONFIGURATIONS



# Variety of Threshold Options



## Invisible Sill

An ultra-low-profile solution, the Hardwearing Sill stands at just 15mm. It is specifically designed for high-traffic areas, offering minimal obstruction and superior durability.



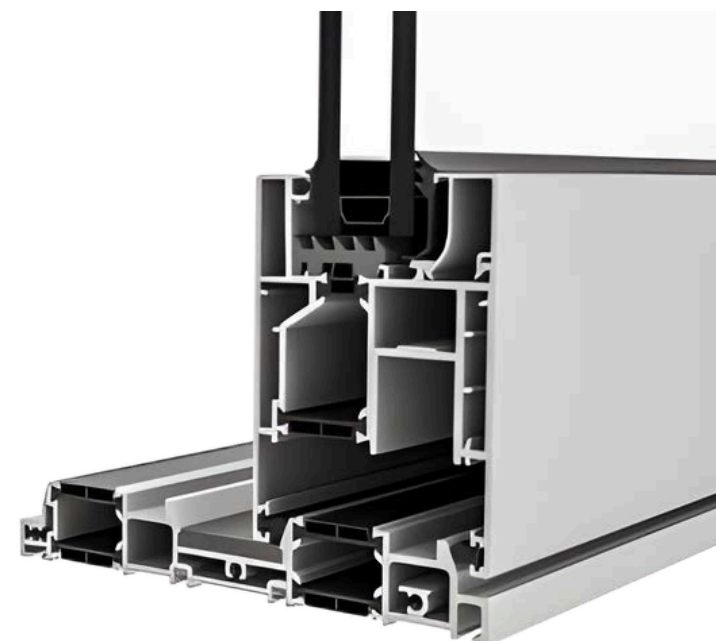
## Lowered Sill

The Lowered Sill features a profile height of 25mm. This option significantly reduces architectural barriers, fully complying with legal requirements without compromising system performance.



## Standard Sill

The Standard Sill provides a robust profile with a height of 50mm. This design is ideal for traditional sliding applications, ensuring stability and a strong frame presence.



# TECHNICAL DATA





# AEGIS CASEMENT SOLUTION

At the heart of AEGIS Casement Solution lies a multi-chamber thermal break, meticulously engineered for exceptional thermal insulation and acoustic comfort. It effectively minimizes heat transfer and dampens external noise, ensuring a consistently comfortable and serene indoor environment—season after season.





SPECIFICATION

BASIC DATA

Section: Frame 72mm / Leaf from 80mm

Visible Section: Lateral 91mm / Central 143mm

Thermal Break Bar: 30mm

Maximum Weight: 150kg

Size of Glass Groove: 58mm

PEFORMANCE

Thermal Insulation: < Uw 0.77

Waterproof Performance: E1500

Wind Load Resistance: Class C5

Air Tightness: Class 4

FRAME & STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

THERMAL & SEALING

Automotive-grade rubber and high-quality thermal break strips.

LOAD-BEARING CAPACITY

Aluminum frame can bear a single panel weight of up to 150 kg.

HARDWARE & GLAZING

Premium Italian Hardware and ultra-clear low-e glazing system.

GLAZING SAFETY & SOUND

Insulating soundproof glass, international 3C certification approved.

CUSTOMIZATION

Offering full color customization and expertise in bespoke shapes.

CERTIFICATE

CE marked.

SAMPLE



The AEGIS PLUS Series offer a system with elevated thermal insulation properties combined with mechanical resistance levels that are beyond excellent.

SPECIFICATION

BASIC DATA

Section: Frame 77mm / Leaf from 80mm
Visible Section: Lateral 79mm / Central 119mm
Thermal Break Bar: 38mm
Maximum Weight: 150kg
Size of Glass Groove: 58mm

PEFORMANCE

Thermal Insulation: < Uw 0.80
Waterproof Performance: Class 8A
Wind Load Resistance: Class C3
Air Tightness: Class 4

FRAME & STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

THERMAL & SEALING

Automotive-grade rubber and high-quality thermal break strips.

LOAD-BEARING CAPACITY

Aluminum frame can bear a single panel weight of up to 150 kg.

HARDWARE & GLAZING

Premium Italian Hardware and ultra-clear low-e glazing system.

GLAZING SAFETY & SOUND

Insulating soundproof glass, international 3C certification approved.

CUSTOMIZATION

Offering full color customization and expertise in bespoke shapes.

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SAMPLE



The AE HI Series is defined by its pure minimalist design, featuring concealed hinges that create an exceptionally clean aesthetic.



SPECIFICATION

BASIC DATA

Section: Frame 82mm / Leaf from 90mm

Visible Section: Lateral 79mm / Central 119mm

Thermal Break Bar: 38mm

Maximum Weight: 150kg

Size of Glass Groove: 76mm

PEFORMANCE

Thermal Insulation: < Uw 0.68

Waterproof Performance: E1500

Wind Load Resistance: Class C5

Air Tightness: Class 4

FRAME & STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

THERMAL & SEALING

Automotive-grade rubber and high-quality thermal break strips.

LOAD-BEARING CAPACITY

Aluminum frame can bear a single panel weight of up to 150 kg.

HARDWARE & GLAZING

Premium Italian Hardware and ultra-clear low-e glazing system.

GLAZING SAFETY & SOUND

Insulating soundproof glass, international 3C certification approved.

CUSTOMIZATION

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SAMPLE



The AEGIS UP Series is a new thermal break system engineered for elite energy efficiency, guaranteeing excellent thermo-acoustic performance and superior sealing against all atmospheric agents.

SPECIFICATION

BASIC DATA

- Section: Frame 75mm / Leaf from 82mm
- Visible Section: Lateral 75mm / Central 97mm
- Thermal Break Bar: 38mm
- Maximum Weight: 150kg with 180 Degree Opening
- Size of Glass Groove: 58mm

PEFORMANCE

- Thermal Insulation: < Uw 0.79
- Waterproof Performance: E1200
- Wind Load Resistance: Class C4
- Air Tightness: Class 4

FRAME & STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

THERMAL & SEALING

Automotive-grade rubber and high-quality thermal break strips.

LOAD-BEARING CAPACITY

Aluminum frame can bear a single panel weight of up to 150 kg.

HARDWARE & GLAZING

Premium Italian Hardware and ultra-clear low-e glazing system.

GLAZING SAFETY & SOUND

Insulating soundproof glass, international 3C certification approved.

CUSTOMIZATION

Offering full color customization and expertise in bespoke shapes.

CERTIFICATE

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SAMPLE



The AE SLIMUP Series is a new aluminum window system featuring European-chamber thermal insulation combined with a minimalist aesthetic and essential lines.



# AEGIS SLIDING SOLUTION

The AEGIS Sliding Solution redefines spatial efficiency with its ultra-smooth gliding mechanism and integrated thermal break technology. Engineered to provide maximum daylight without compromising on insulation, it creates a sanctuary of quiet and comfort. Experience the perfect blend of architectural elegance and high-performance engineering, designed to last a lifetime.



SPECIFICATION

BASIC DATA

Section: Frame 160mm / Leaf from 72mm

Visible Section: Lateral 113mm / Central 59mm

Thermal Break Bar: Complanar Double Tubular Bars

Maximum Weight: 400kg

Size of Glass Groove: 51mm

PEFORMANCE

Thermal Insulation: < Uw 1.53

Waterproof Performance: E1200

Wind Load Resistance: Class C4

Air Tightness: Class 4

FRAME & STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

THERMAL & SEALING

Automotive-grade rubber and high-quality thermal break strips.

LOAD-BEARING CAPACITY

Aluminum frame can bear a single panel weight of up to 400 kg.

HARDWARE & GLAZING

Premium Italian Hardware and ultra-clear low-e glazing system.

GLAZING SAFETY & SOUND

Insulating soundproof glass, international 3C certification approved.

CUSTOMIZATION

Offering full color customization and expertise in bespoke shapes.

CERTIFICATE

CE marked.

SAMPLE



The AE 160 Lift & Slide PLUS is our top-tier lifting and sliding thermal break door system, engineered for heavy-duty performance and unparalleled durability.



SPECIFICATION

BASIC DATA

Section: Frame 160mm / Leaf from 75mm

Visible Section: Lateral 113mm / Central 59mm

Thermal Break Bar: Complanar Double Tubular Bars

Maximum Weight: 400kg

Size of Glass Groove: 63mm

PEFORMANCE

Thermal Insulation: < Uw 0.94

Waterproof Performance: E1200

Wind Load Resistance: Class C4

Air Tightness: Class 4

FRAME & STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

THERMAL & SEALING

Automotive-grade rubber and high-quality thermal break strips.

LOAD-BEARING CAPACITY

Aluminum frame can bear a single panel weight of up to 400 kg.

HARDWARE & GLAZING

Premium Italian Hardware and ultra-clear low-e glazing system.

GLAZING SAFETY & SOUND

Insulating soundproof glass, international 3C certification approved.

CUSTOMIZATION

Offering full color customization and expertise in bespoke shapes.

CERTIFICATE

CE marked.

SAMPLE



The AE 160 Lift & Slide UP is a thermal break system specifically designed for large-sized lifting and sliding windows, balancing massive scale with smooth functionality.

SPECIFICATION

BASIC DATA

Section: Frame 106mm / Leaf from 45mm
Visible Section: Lateral 90mm / Central 59mm
Thermal Break Bar: Complanar Double Tubular Bars
Maximum Weight: 200kg
Lower Lateral Section: 59mm

PEFORMANCE

Thermal Insulation: < Uw 1.18
Waterproof Performance: E1500
Wind Load Resistance: Class B4
Air Tightness: Class 4

FRAME & STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

THERMAL & SEALING

Automotive-grade rubber and high-quality thermal break strips.

LOAD-BEARING CAPACITY

Aluminum frame can bear a single panel weight of up to 200 kg.

HARDWARE & GLAZING

Premium Italian Hardware and ultra-clear low-e glazing system.

GLAZING SAFETY & SOUND

Insulating soundproof glass, international 3C certification approved.

CUSTOMIZATION

Offering full color customization and expertise in bespoke shapes.

CERTIFICATE

CE marked.

SAMPLE



The AE 106 Sliding Series is a highly versatile thermal break system designed for both sliding and lift-and-slide windows, defined by its generous 106mm frame section.



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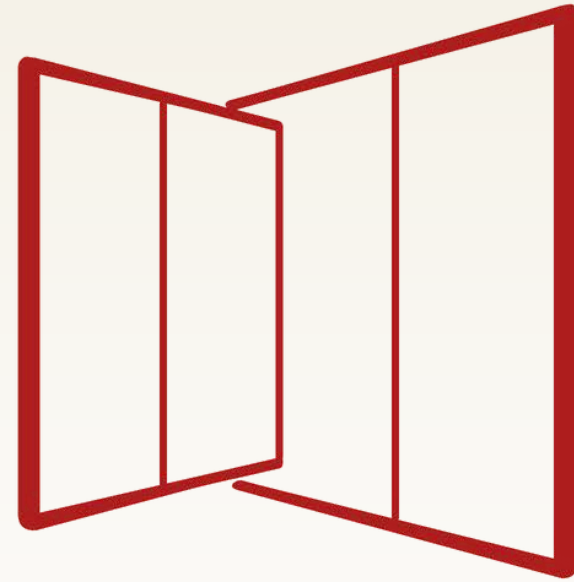


Ultraslim

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| Less is More, Engineered for Excellence |