

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.



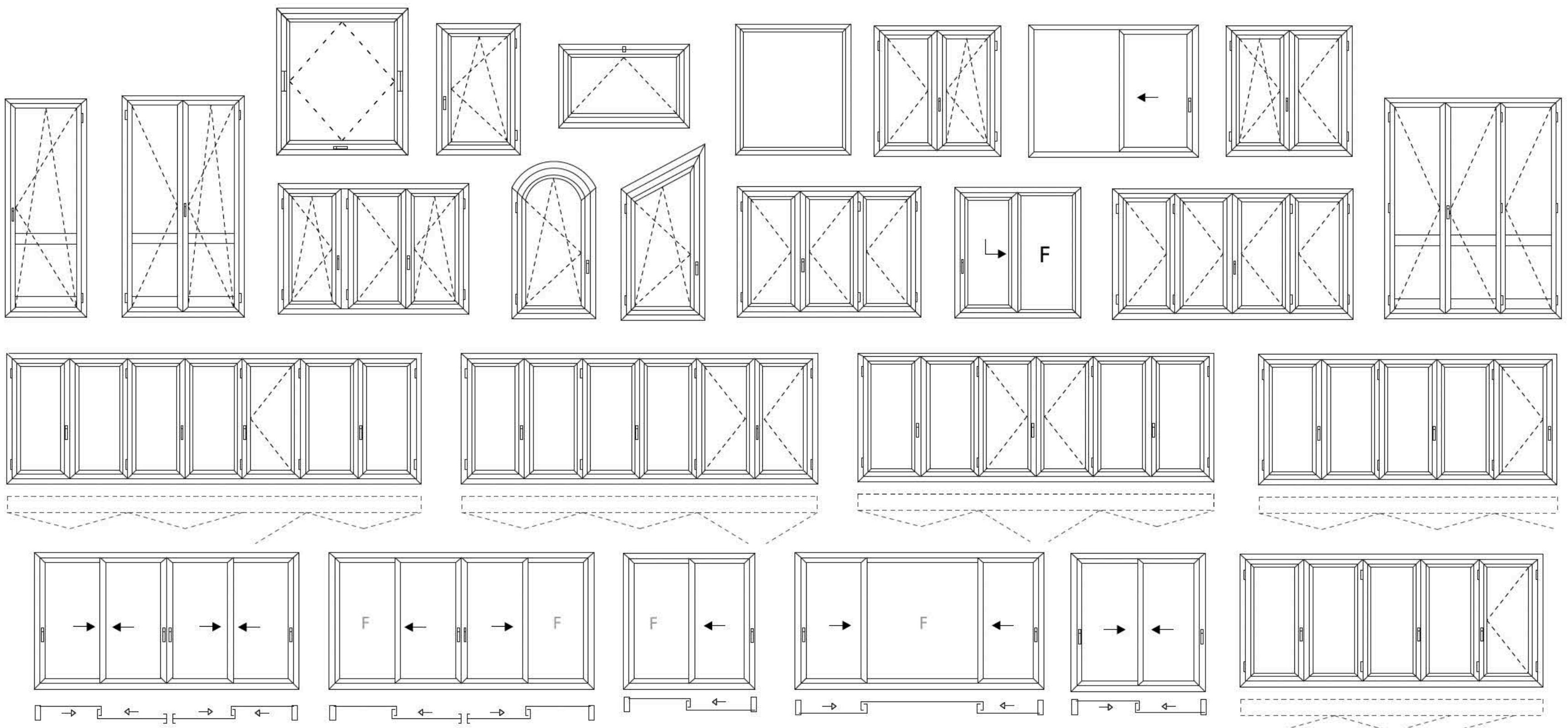
## Multiple Threshold Options

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.



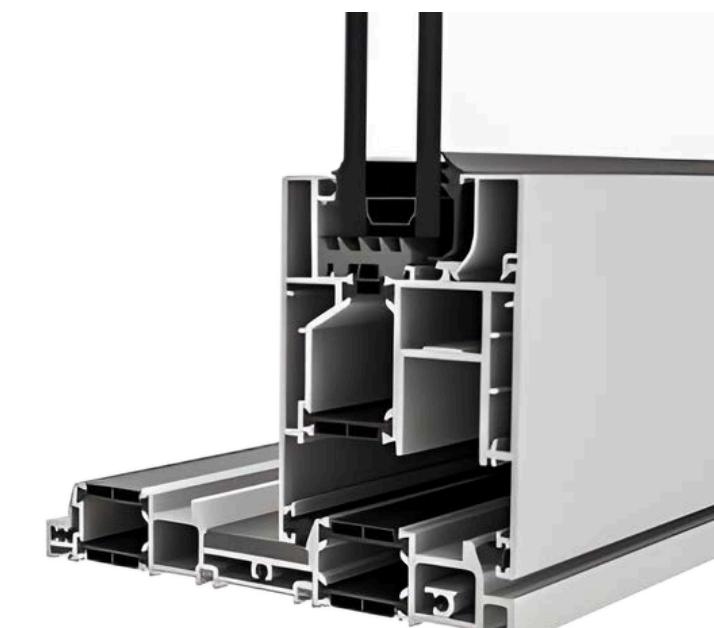
## Lowered Sill

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

## PERFORMANCE

Thermal Insulation:  $< U_w 0.77$   
Waterproof Performance: E1500  
Wind Load Resistance: Class C5  
Air Tightness: Class 4

## FRAME &amp; STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

## THERMAL &amp; 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 &amp; GLAZING

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

## GLAZING SAFETY &amp; 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

## PERFORMANCE

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

## FRAME &amp; STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

## THERMAL &amp; 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 &amp; GLAZING

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

## GLAZING SAFETY &amp; SOUND

Insulating soundproof glass, international 3C certification approved.

## CUSTOMIZATION

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## CERTIFICATE

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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

## PERFORMANCE

Thermal Insulation:  $< U_w 0.68$   
Waterproof Performance: E1500  
Wind Load Resistance: Class C5  
Air Tightness: Class 4

## FRAME &amp; STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

## THERMAL &amp; 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 &amp; GLAZING

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

## GLAZING SAFETY &amp; SOUND

Insulating soundproof glass, international 3C certification approved.

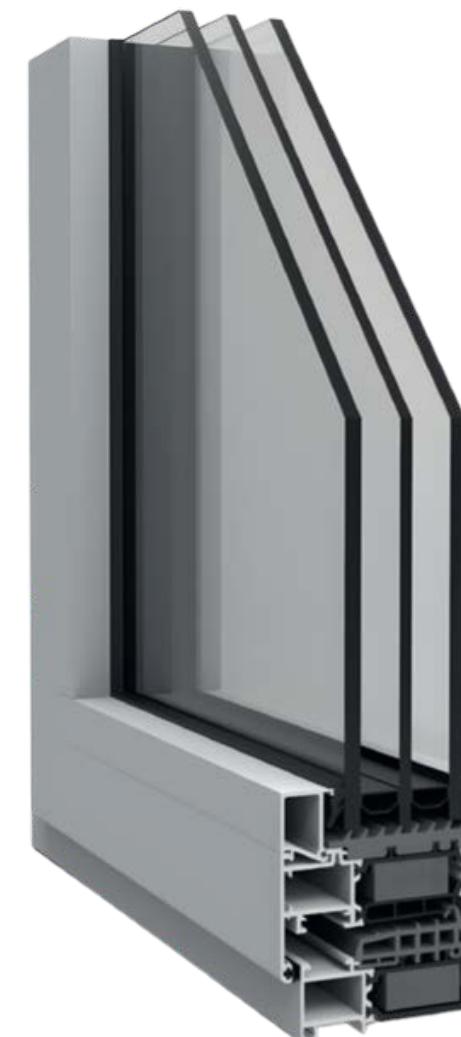
## CUSTOMIZATION

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## CERTIFICATE

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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

## PERFORMANCE

Thermal Insulation:  $U_w < 0.79$

Waterproof Performance: E1200

Wind Load Resistance: Class C4

Air Tightness: Class 4

## FRAME &amp; STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

## THERMAL &amp; 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 &amp; GLAZING

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

## GLAZING SAFETY &amp; SOUND

Insulating soundproof glass, international 3C certification approved.

## CUSTOMIZATION

Offering full color customization and expertise in bespoke shapes.

## CERTIFICATE

CE marked.

## 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

## PERFORMANCE

Thermal Insulation:  $< U_w 1.53$   
Waterproof Performance: E1200  
Wind Load Resistance: Class C4  
Air Tightness: Class 4

## FRAME &amp; STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

## THERMAL &amp; 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 &amp; GLAZING

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

## GLAZING SAFETY &amp; 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

## PERFORMANCE

Thermal Insulation:  $U_w < 0.94$

Waterproof Performance: E1200

Wind Load Resistance: Class C4

Air Tightness: Class 4

## FRAME &amp; STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

## THERMAL &amp; 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 &amp; GLAZING

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

## GLAZING SAFETY &amp; 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

## PERFORMANCE

Thermal Insulation:  $< U_w 1.18$

Waterproof Performance: E1500

Wind Load Resistance: Class B4

Air Tightness: Class 4

## FRAME &amp; STRUCTURE

Thermally broken alloy profile, 6060-T66 grade.

## THERMAL &amp; 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 &amp; GLAZING

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

## GLAZING SAFETY &amp; 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.

GLOBAL  
PARTNER

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**AkzoNobel**

**Sobinco**  
OPENS YOUR LIFE

**Quanex**

**Honeywell**

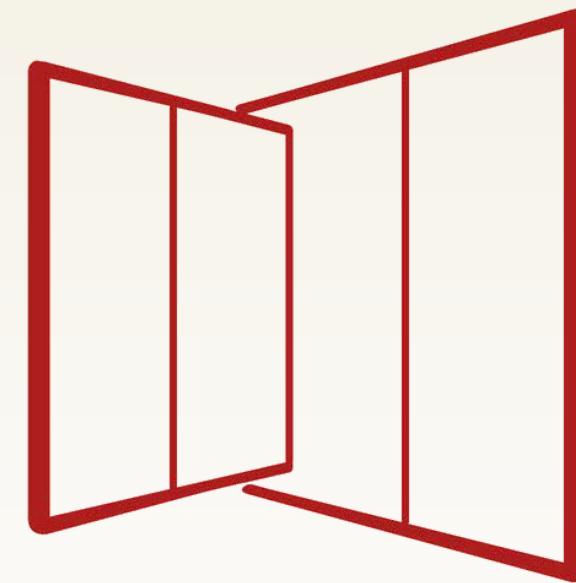
**TECHNOFORM**



**Hiaida**

Ultraslim  
Less is more





# UltraSlim

| Less is More, Engineered for Excellence |