CORNERSTONE WINDOWS & DOORS

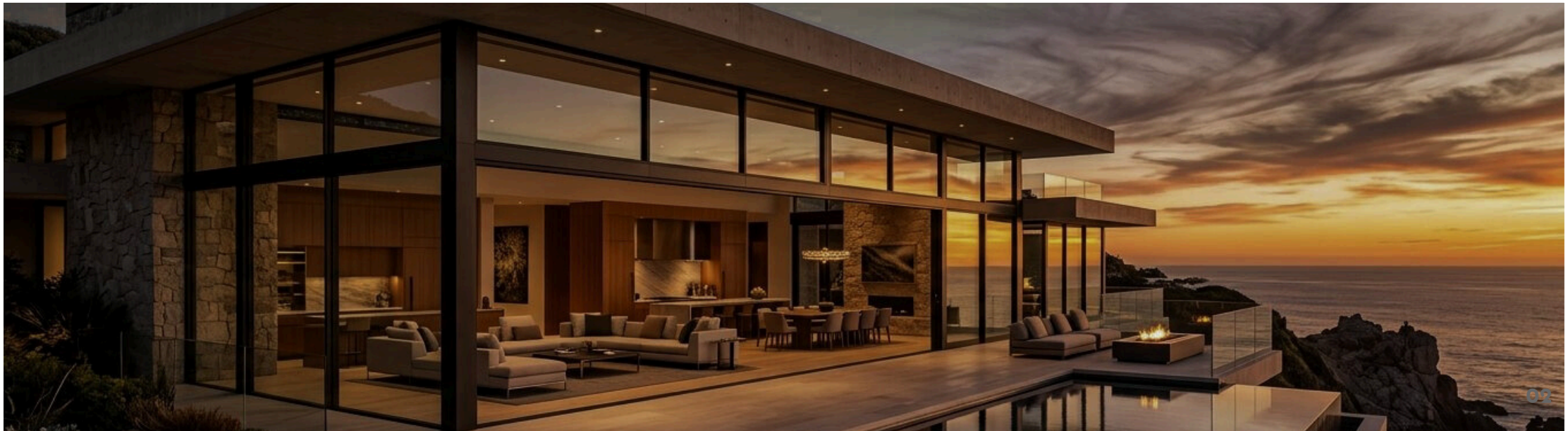
ALUMINUM SYSTEMS COLLECTION
GLASS WALLS • SLIDING • BIFOLD

CORNERSTONE
WINDOWS & DOORS

ALUMINUM WALL SYSTEMS

Engineered for expansive openings, seamless transitions, and effortless operation.

Product Line	Description	Key Features
BIFOLD DOORS	Folding patio door systems that create wide, unobstructed openings.	Multi-point locking system Bottom-loaded steel hardware Low / integrated thresholds Durable powder-coated finishes
SLIDING DOORS	Multi-track and lift & slide systems for expansive openings.	Aeris Series (slim profiles), Vision Series (oversized panels), Lift & Slide (air-tight insulation).
GLASS WALL SYSTEMS	Large-panel glass walls for panoramic views.	Minimal aluminum profiles, oversized panels, glass options, energy efficiency, incredible views



GLASS WALL SYSTEMS

Seamless living. Limitless views.
Minimal frames. Maximum glass.

FEATURES

- **Ultra-slim profiles**
- **Thermal break system**
- **Energy-efficient**
- **Corner configurations**
- **Custom sizes**

APPLICATIONS

RESIDENTIAL • HOSPITALITY • COMMERCIAL

SPECIFICATIONS - GLASS WALL SYSTEMS

Designed as a full-height glass wall system with recessed top and bottom, this solution is built on advanced German engineering. It enables larger panel sizes, reduced sightlines, and superior transparency while maintaining structural performance.

There are multiple systems that are designed for various applications, from high-rises to smaller residential one-story homes. Each system brings unique characteristics and delivers the same result: panoramic views, elegant application, no maintenance, sturdy structure, and unbeatable thermal efficiency

FRAME COLORS & FINISH OPTIONS

GLASS OPTIONS & PERFORMANCE

Black Tempered

Super Light Tempered

Ford Blue Coated

EU Gray Coated

Bule Star Gray Coated

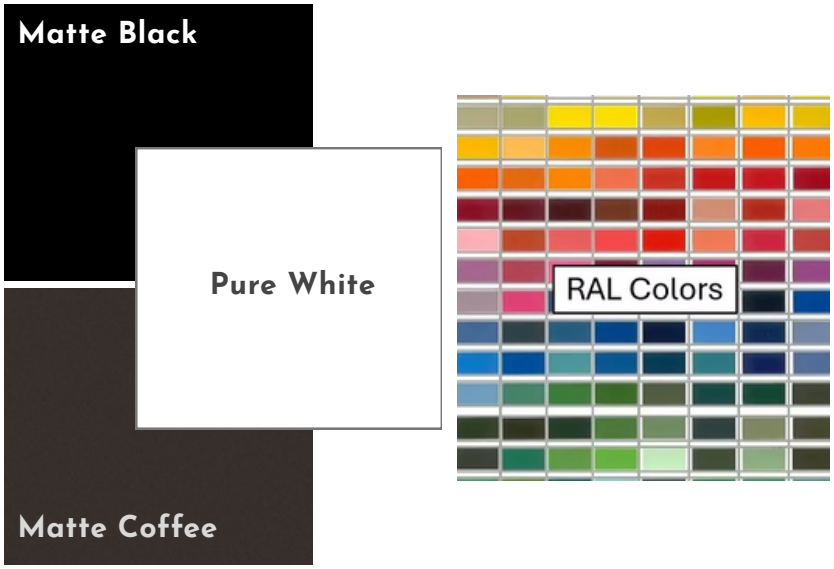
Dark Low-E

Light Low-E

Matte

Choose from multiple insulated glass options designed for energy efficiency, clarity, comfort, and modern aesthetics, along with various tints for the custom look.

STANDARD POWDER COAT OPTIONS



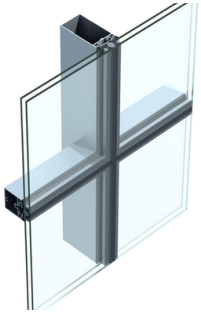
Durable powder-coated finishes provide superior resistance to weathering, fading, and corrosion. Available in a range of standard RAL colors with custom finishes upon request.

GLASS WALL DETAIL PROFILE

High-performance glass wall systems designed for modern architecture. Engineered for strength, efficiency, and seamless integration across a wide range of commercial and residential applications.

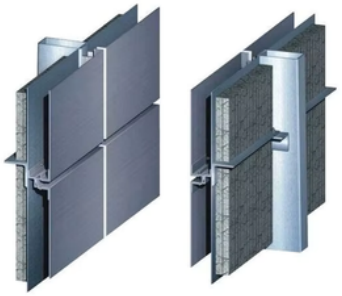
UNITIZED GLASS WALL

Modern glass wall systems engineered for performance, flexibility, and design precision. Available in multiple configurations with advanced thermal performance and durable aluminum construction.



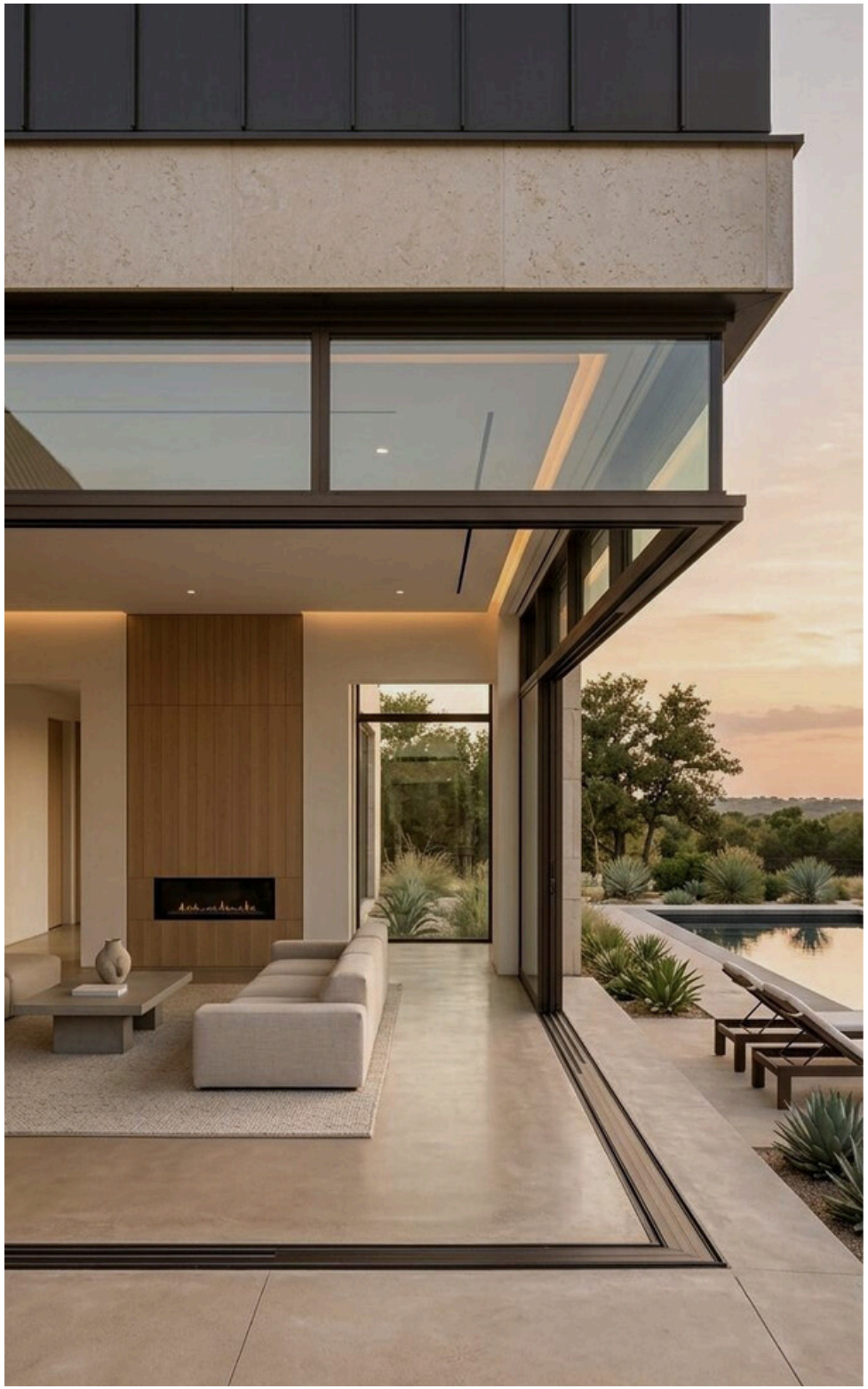
STICK GLASS WALL

Site-built system offering flexibility in design and installation, ideal for custom layouts and complex architectural conditions.



ALUMINUM PLATE GLASS WALL

Lightweight, durable aluminum panels designed for strength, weather resistance, and clean modern façade applications.



VISION SERIES SLIDING DOORS

KEY TECHNICAL FEATURES

Thermally Broken Frames
Improves insulation and energy efficiency.

Large-Scale Openings
Supports oversized glass panels.

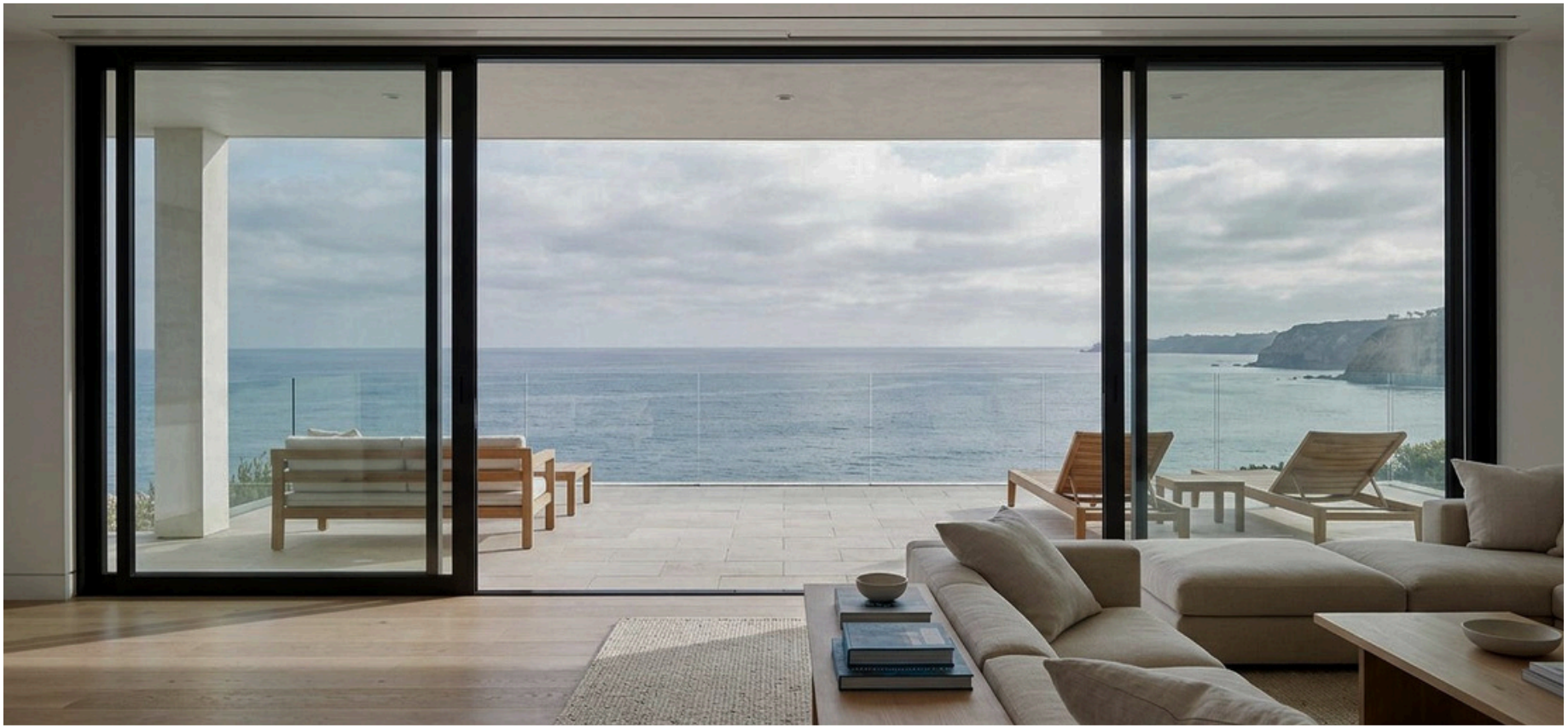
Slim Profiles
Maximizes glass and natural light.

Low-E Glass
Enhances energy performance.

Warranty Coverage
Long-term reliability.

Nationwide Support
Delivery and installation assistance.

SPECIFICATIONS - VISION SLIDING DOOR SYSTEMS



U-Value	0.3
Air Leakage	0.3
Water Thightenss	400pa
Wind Resistance	4000pa
Sound Insulation	36dB
Alum Profile & Thickness	6063-T5 Al (2.0mm
Glazing	1" Dual Pane, Tempered, Argon, Low-E
Profile Depth	Frame: 5.4" (2 panel) Panel: 2"

Sighline Width	Frame: 2" Panel: 2.25" (lock) / 1.4" (overlap)
Max size	Weight: 1,100 lbs Size: 8'W x 16' H
Security	Multi - Point Hook Lock
Colours	Powder Coat: Black / White / RAL

FRAME COLORS & FINISH OPTIONS

GLASS OPTIONS & PERFORMANCE

Black Tempered

Super Light Tempered

Ford Blue Coated

EU Gray Coated

Bule Star Gray Coated

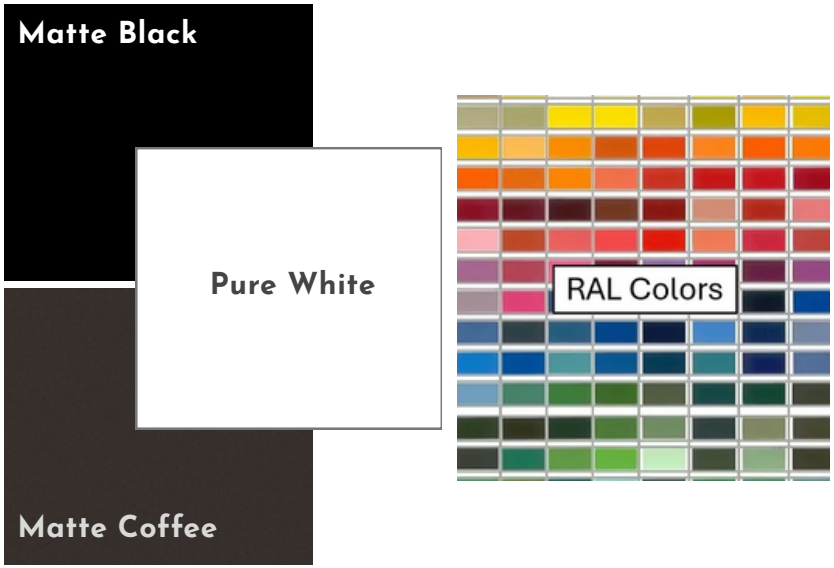
Dark Low-E

Light Low-E

Matte

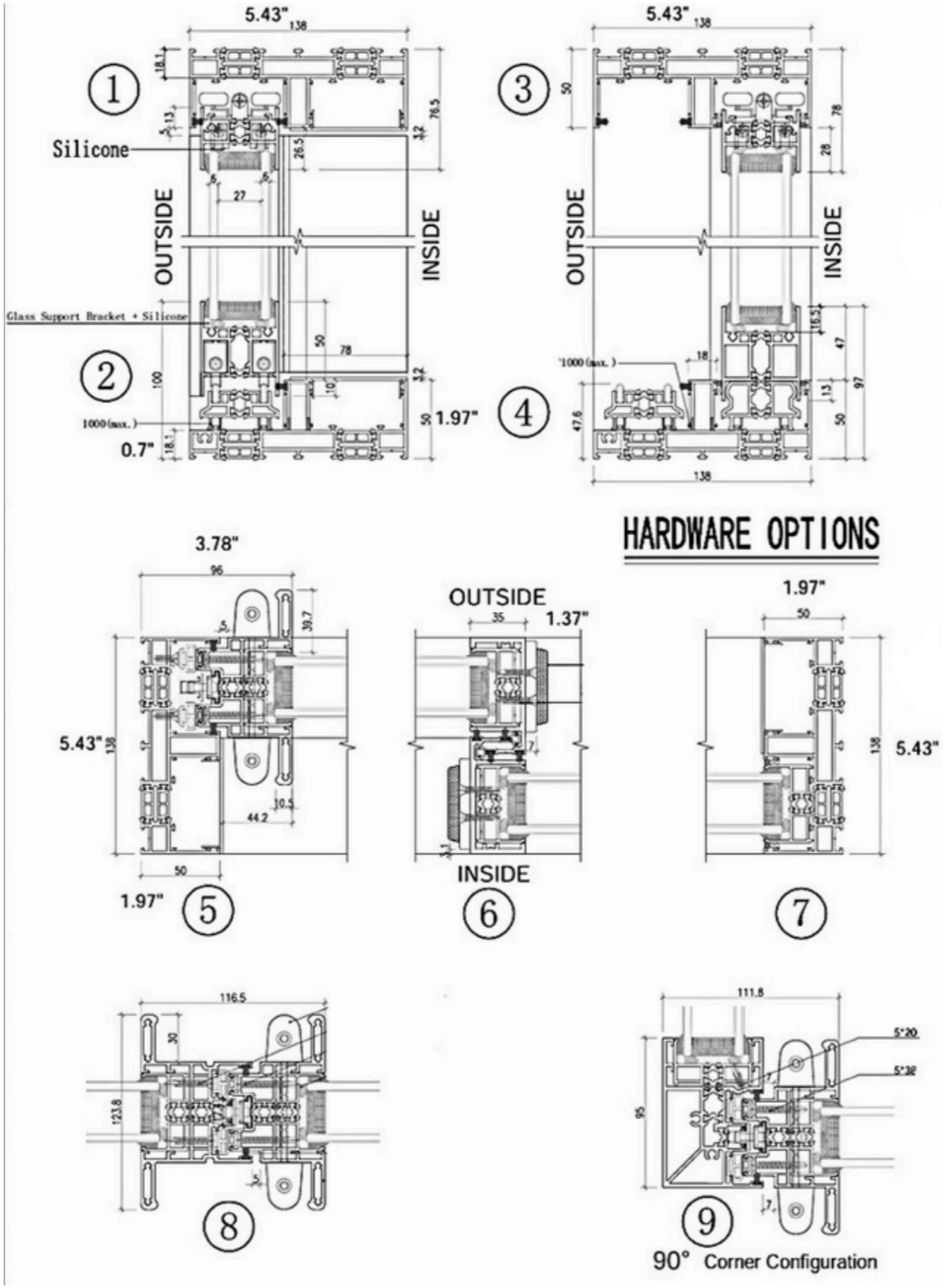
Choose from multiple insulated glass options designed for energy efficiency, clarity, comfort, and modern aesthetics, along with various tints for the custom look.

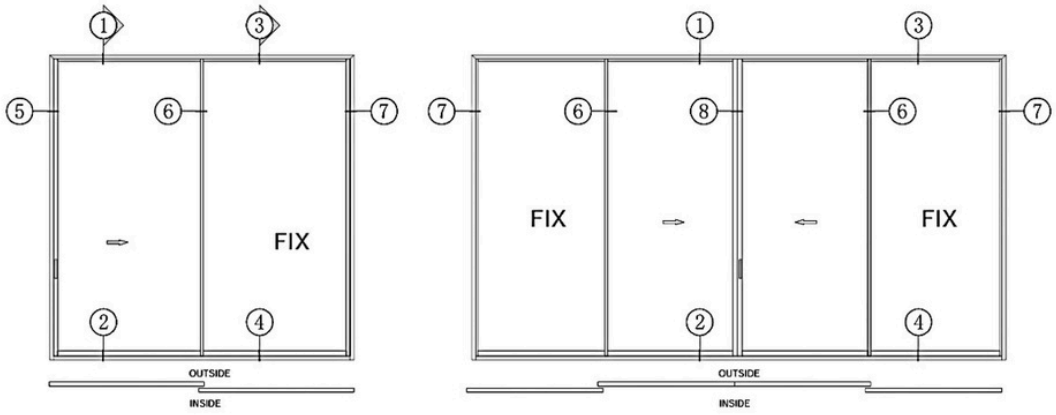
STANDARD POWDER COAT OPTIONS



Durable powder-coated finishes provide superior resistance to weathering, fading, and corrosion. Available in a range of standard RAL colors with custom finishes upon request.

SPECIFICATIONS





AERIS SERIES SLIDING DOORS

KEY TECHNICAL FEATURES

Thermally Broken Frames
Improves insulation and energy efficiency.

Large-Scale Openings
Supports oversized glass panels.

Slim Profiles
Maximizes glass and natural light.

Low-E Glass
Enhances energy performance.

Warranty Coverage
Long-term reliability.

Nationwide Support
Delivery and installation assistance.

SPECIFICATIONS - AERIS SLIDING DOOR SYSTEMS

U-Value	0.3
Air Leakage	0.3
Water Thightenss	400pa
Wind Resistance	4000pa
Sound Insulation	36dB
Alum Profile & Thickness	6063-T5 Al (2.0mm
Glazing	1" Dual Pane, Tempered, Argon, Low-E
Profile Depth	Frame: 4.25" (2 panel) Panel: 1.5"

Sighline Width	Frame: 2" Panel: 2.25" (lock)/ONLY 1" (overlap)
Max size	Weight: 1,100 lbs Size: 8'W x 16' H
Security	Multi - Point Hooks Lock
Colours	Powder Coat: Black / White / Custom RAL

FRAME COLORS & FINISH OPTIONS

GLASS OPTIONS & PERFORMANCE

Black Tempered

Super Light Tempered

Ford Blue Coated

EU Gray Coated

Bule Star Gray Coated

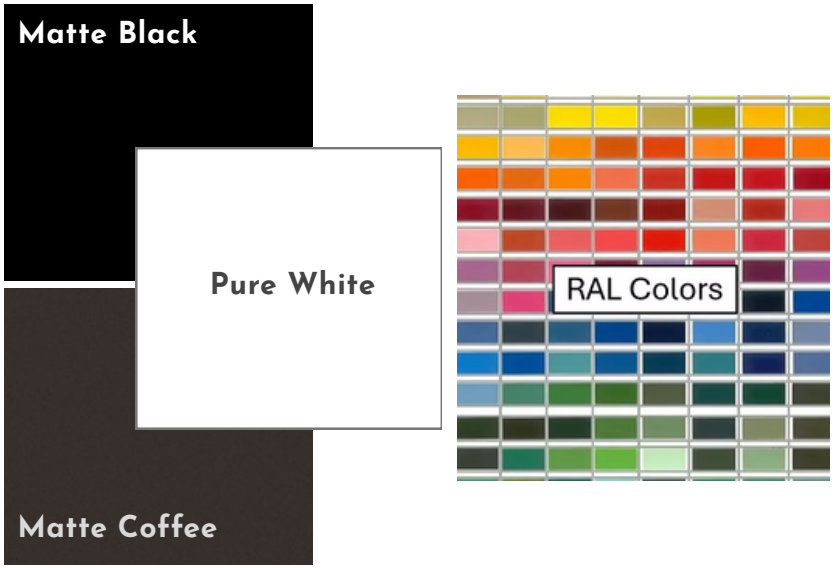
Dark Low-E

Light Low-E

Matte

Choose from multiple insulated glass options designed for energy efficiency, clarity, comfort, and modern aesthetics, along with various tints for the custom look.

STANDARD POWDER COAT OPTIONS



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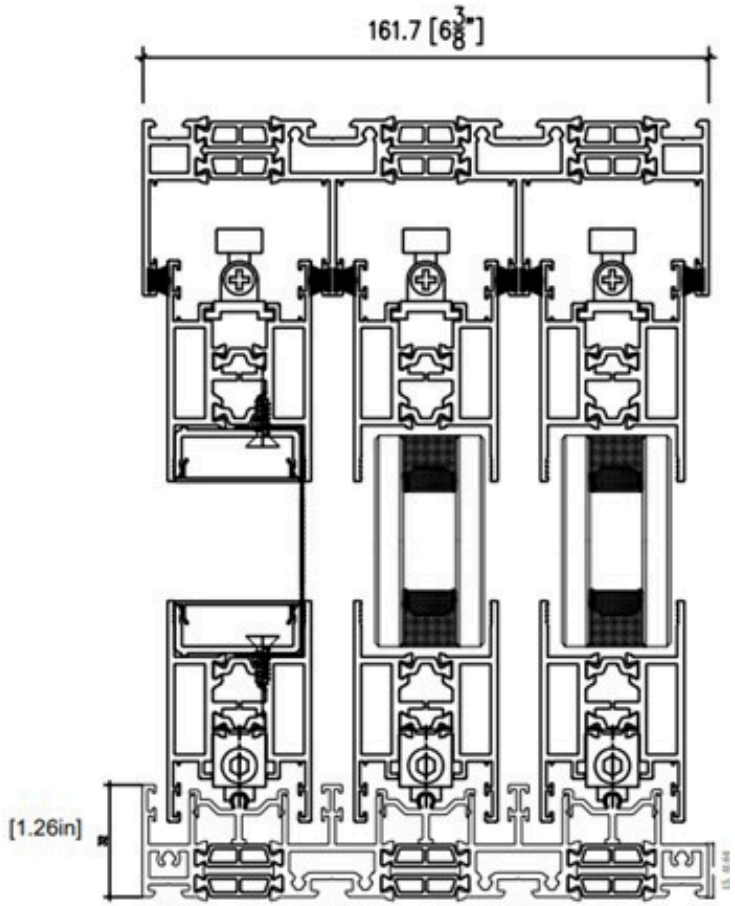
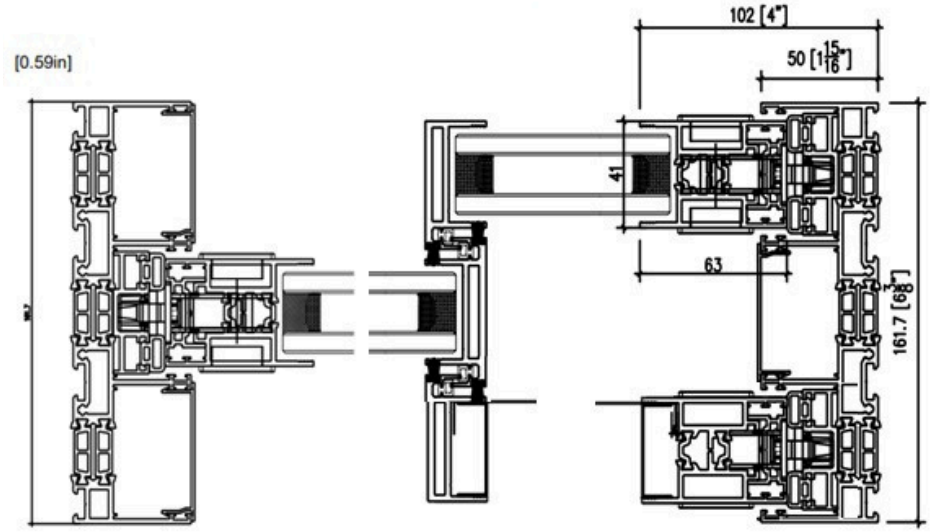
SPECIFICATIONS



SIDE-VIEW DIAGRAM

SECTION VIEW



TOP-VIEW DIAGRAM

LIFT-&-SLIDE SLIDING DOORS

KEY TECHNICAL FEATURES

Thermally Broken Frames
Improves insulation and energy efficiency.

Large Panel Capacity
Supports oversized panels up to 770 lbs

High Weather Performance
Engineered for air, water, and wind resistance.

Multi-Point Locking
Enhanced security and structural sealing.

Advanced Glazing
Double / triple glazing for thermal and acoustic comfort.

Smooth Lift & Slide Operation
Effortless movement with precision hardware

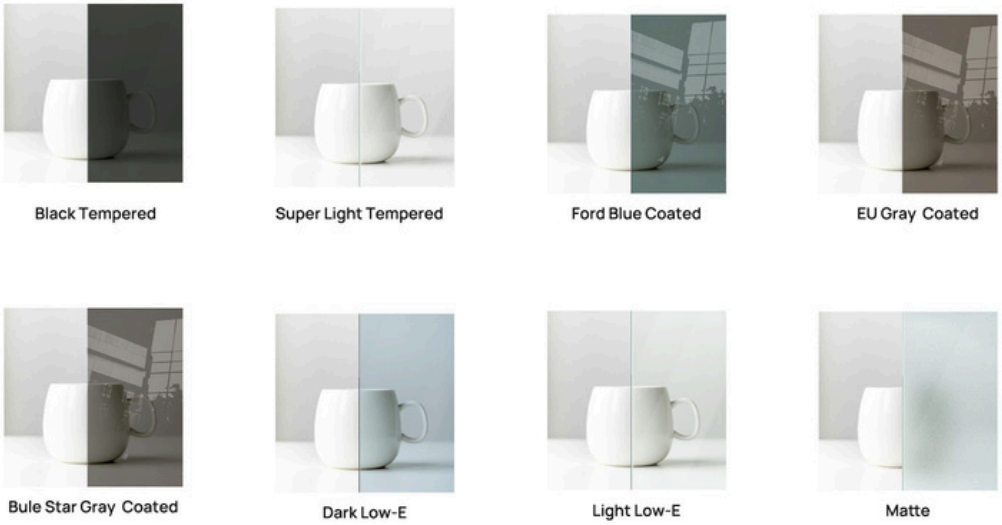
SPECIFICATIONS - LIFT & SLIDE DOOR SYSTEM

U-Value	0.3
Air Leakage	0.1
Water Thightenss	720pa Level 6
Wind Resistance	4000pa Level 7
Sound Insulation	36dB Level 7
Alum Profile & Thickness	6063-T5 Al (2.0mm)
Glazing	1" Dual Pane, Tempered, Argon, Low-E
Profile Depth	Frame: 6.3" / Panel: 2.5"

Sighline Width	Frame: 2" / Panel: 3"
Max size	Weight: 770 lbs / 8' W x 10' H
Security	Multi - Point HookS Lock
Colours	Powder Coat: Black / White / Custom RAL

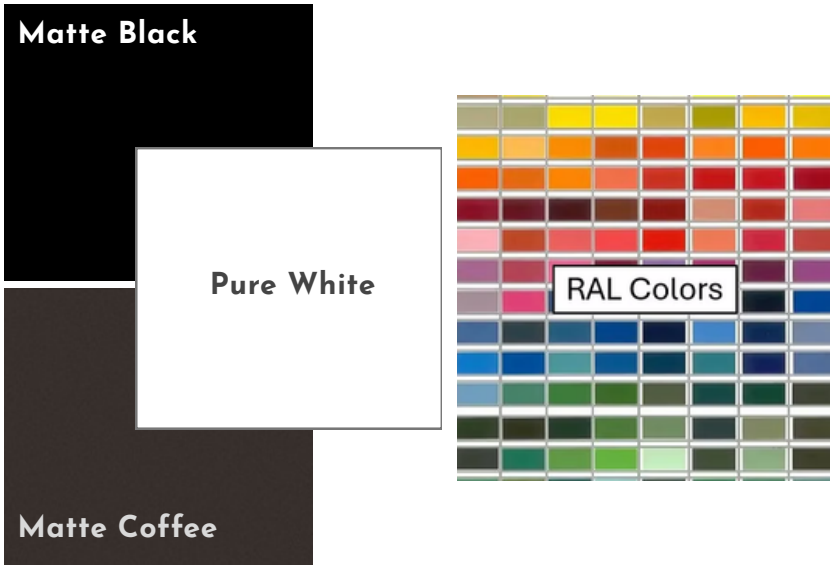
FRAME COLORS & FINISH OPTIONS

GLASS OPTIONS & PERFORMANCE



Choose from multiple insulated glass options designed for energy efficiency, clarity, comfort, and modern aesthetics, along with various tints for the custom look.

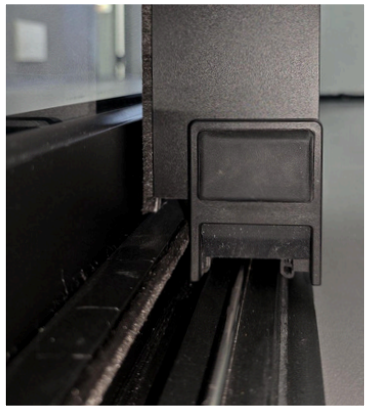
STANDARD POWDER COAT OPTIONS



Durable powder-coated finishes provide superior resistance to weathering, fading, and corrosion. Available in a range of standard RAL colors with custom finishes upon request.

FRAME FINISHES & PROFILE DETAILS

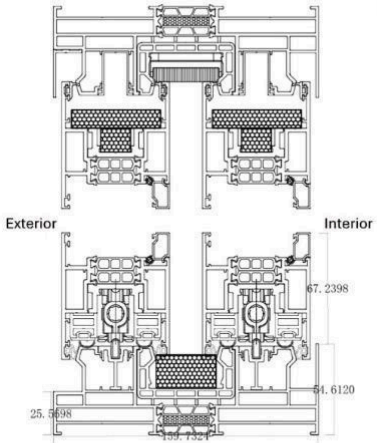
TRACK, FRAME & FINISH DETAILS



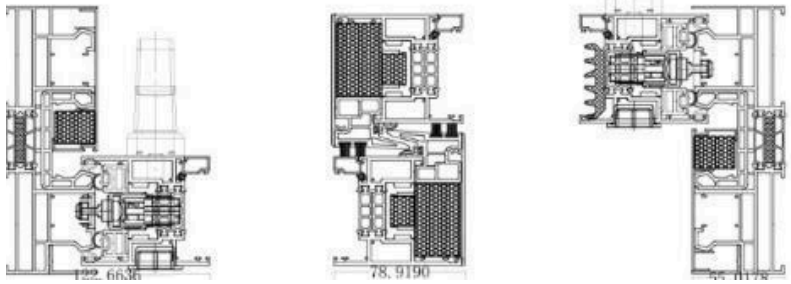
Architectural-grade aluminum track and frame systems engineered for smooth operation, structural durability, and refined modern aesthetics. Precision detailing and premium surface finishes ensure long-term performance in demanding environments.

LIFT & SLIDE MECHANISM

European-engineered lift & slide systems use a precision roller mechanism that raises and lowers panels for effortless operation. When closed, compression seals create a tight barrier against air and water infiltration.



SECTION VIEW



SYSTEM PROFILE SECTIONS

VISION SERIES BIFOLD DOOR

KEY TECHNICAL FEATURES

Thermal Break Technology
Improves energy efficiency.

Ultra Slim Profiles
35mm frame / 45mm panel.

High Performance Sealing
Air, water, and wind resistance.

Insulated Glazing
Argon-filled double glazing.

Compact Frame System
75mm frame depth.

Smooth Folding System
Effortless operation.

Multi-Point Lock System
Enhanced security.

Aluminum Construction
Durable 6063-T5 profiles.

SPECIFICATIONS - VISION BIFOLD DOOR SYSTEM

U-Value	0.3
Air Leakage	0.3
Water Thightenss	550pa Level 6
Wind Resistance	4000pa Level 7
Sound Insulation	36dB Level 7
Alum Profile & Thickness	6063-T5 Al 2.0mm
Glazing	1" Dual Pane, Tempered, Argon, Low-E
Profile Depth	Frame: 75mm / Panel: 65mm

Sighline Width	Frame: 35mm / Panel: 45mm
Max size	Weight: 300 lbs / 3ft Wx 11.8ft H
Security	Multi - Point (3) Lock
Colours	Powder Coat: Black / White / Custom RAL

ENGINEERED FOR ARCHITECTURAL PERFORMANCE

PRECISION-CRAFTED ALUMINUM BIFOLD SYSTEM DESIGNED FOR SEAMLESS INDOOR–OUTDOOR LIVING, STRUCTURAL STRENGTH, AND LONG-TERM DURABILITY.

Integrated Multi-Point Lock

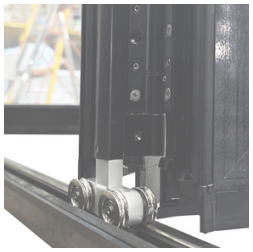
Concealed multi-point locking system provides enhanced security while maintaining a clean, architectural profile.

Heavy-Duty Hinges

Reinforced hinge system ensures structural stability and smooth, controlled panel operation.

Retractable Latch System

Smooth operation retractable latch system allowing one handed opening and closing of the entire door system.



Smooth Glide System

Precision-engineered roller system ensures smooth, quiet operation with long-term performance and reliability.

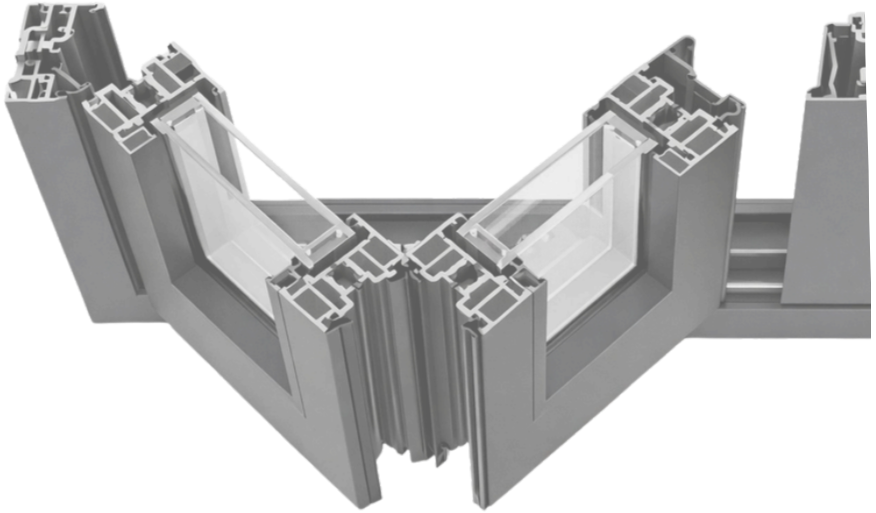
DESIGNED FOR SEAMLESS LIVING

ENGINEERED TO CREATE FLUID TRANSITIONS BETWEEN INTERIOR AND EXTERIOR SPACES, COMBINING REFINED AESTHETICS WITH PRECISION HARDWARE AND EFFORTLESS OPERATION.

Slim Sightlines

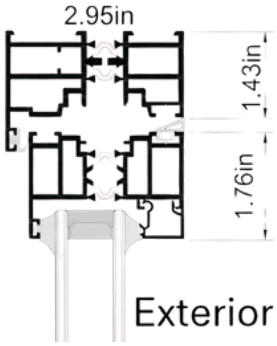
Refined frame and panel profiles maximize glass area for uninterrupted views and natural light.

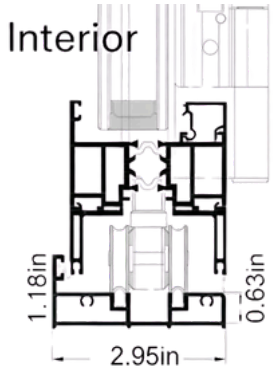
System Profile

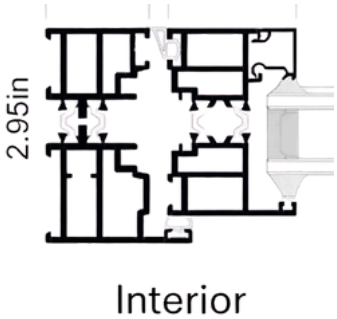


Thermally Engineered Profiles

Multi-chamber aluminum construction with thermal breaks improves energy efficiency in all climates.

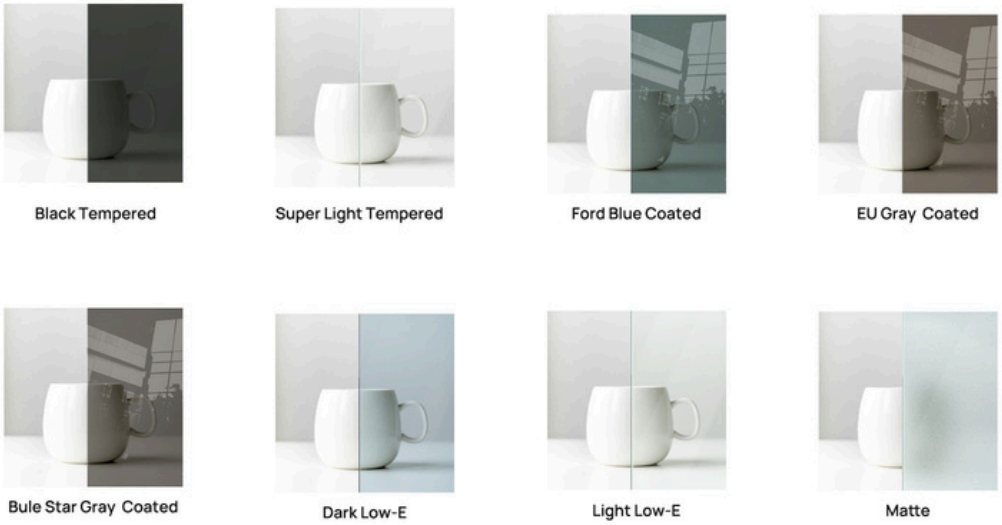






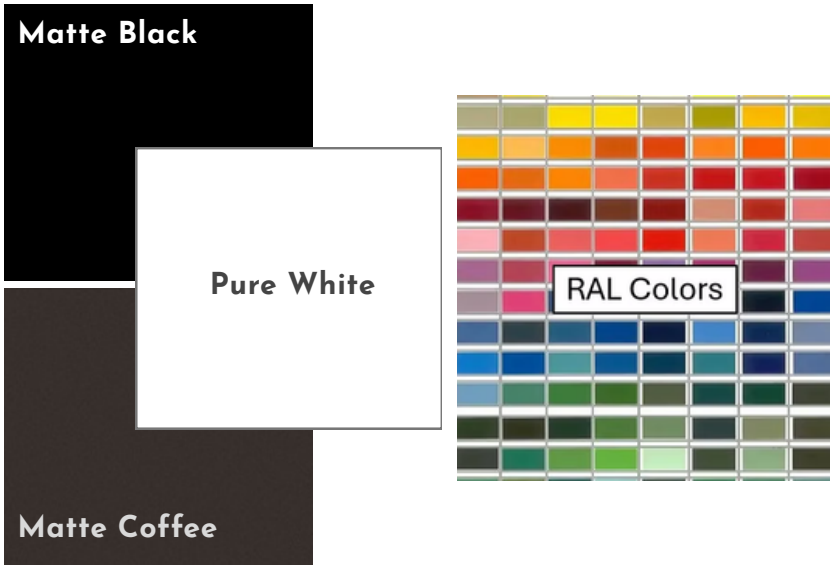
FRAME COLORS & FINISH OPTIONS

GLASS OPTIONS & PERFORMANCE



Choose from multiple insulated glass options designed for energy efficiency, clarity, comfort, and modern aesthetics, along with various tints for the custom look.

STANDARD POWDER COAT OPTIONS

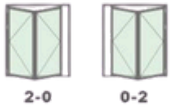


Durable powder-coated finishes provide superior resistance to weathering, fading, and corrosion. Available in a range of standard RAL colors with custom finishes upon request.

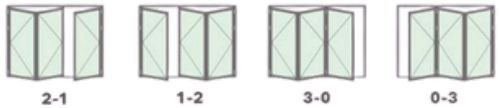
CONFIGURATION FLEXIBILITY

ENGINEERED TO CREATE FLUID TRANSITIONS BETWEEN INTERIOR AND EXTERIOR SPACES, COMBINING REFINED AESTHETICS WITH PRECISION HARDWARE AND EFFORTLESS OPERATION.

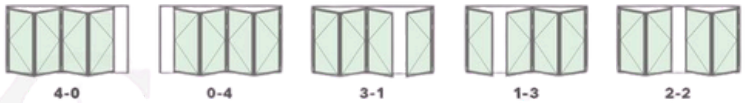
2 Panel



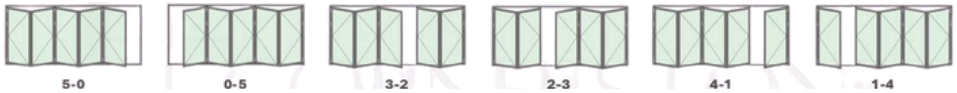
3 Panel



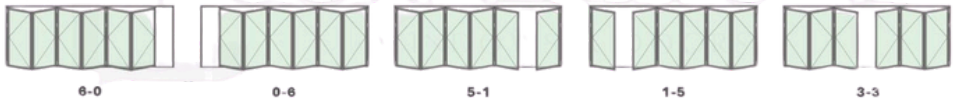
4 Panel



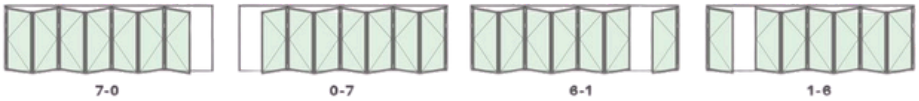
5 Panel



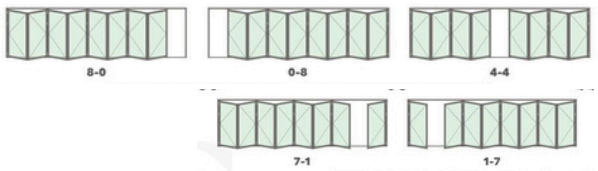
6 Panel



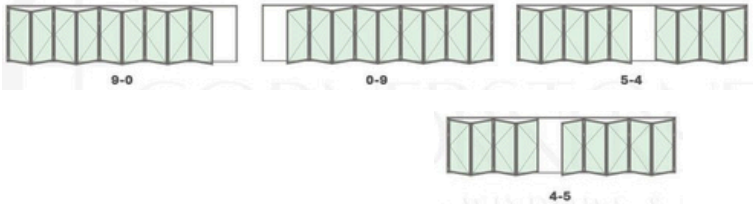
7 Panel



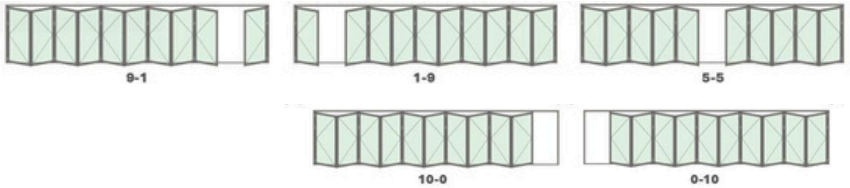
8 Panel



9 Panel



10 Panel



Allows inward or outward folding with multiple stacking configurations to suit any architectural layout.

CORNERSTONE WINDOWS & DOORS

DESIGNED FOR MODERN LIVING
ENGINEERED FOR PERFORMANCE

CORNERSTONE
WINDOWS & DOORS

PHONE
(855) 630-3982

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