

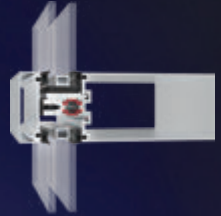


CORE PRODUCTS GUIDE

WINDOWS



CURTAIN WALLS



DOORS



STORE FRONTS



GARAGE DOORS



SKYLIGHTS



ADAPT | INNOVATE | DELIVER

TABLE OF CONTENTS



FOR MORE TECHNICAL RESOURCES
VISIT [WINDSPEC.COM](https://www.windspec.com)
OR SCAN OUR QR CODE

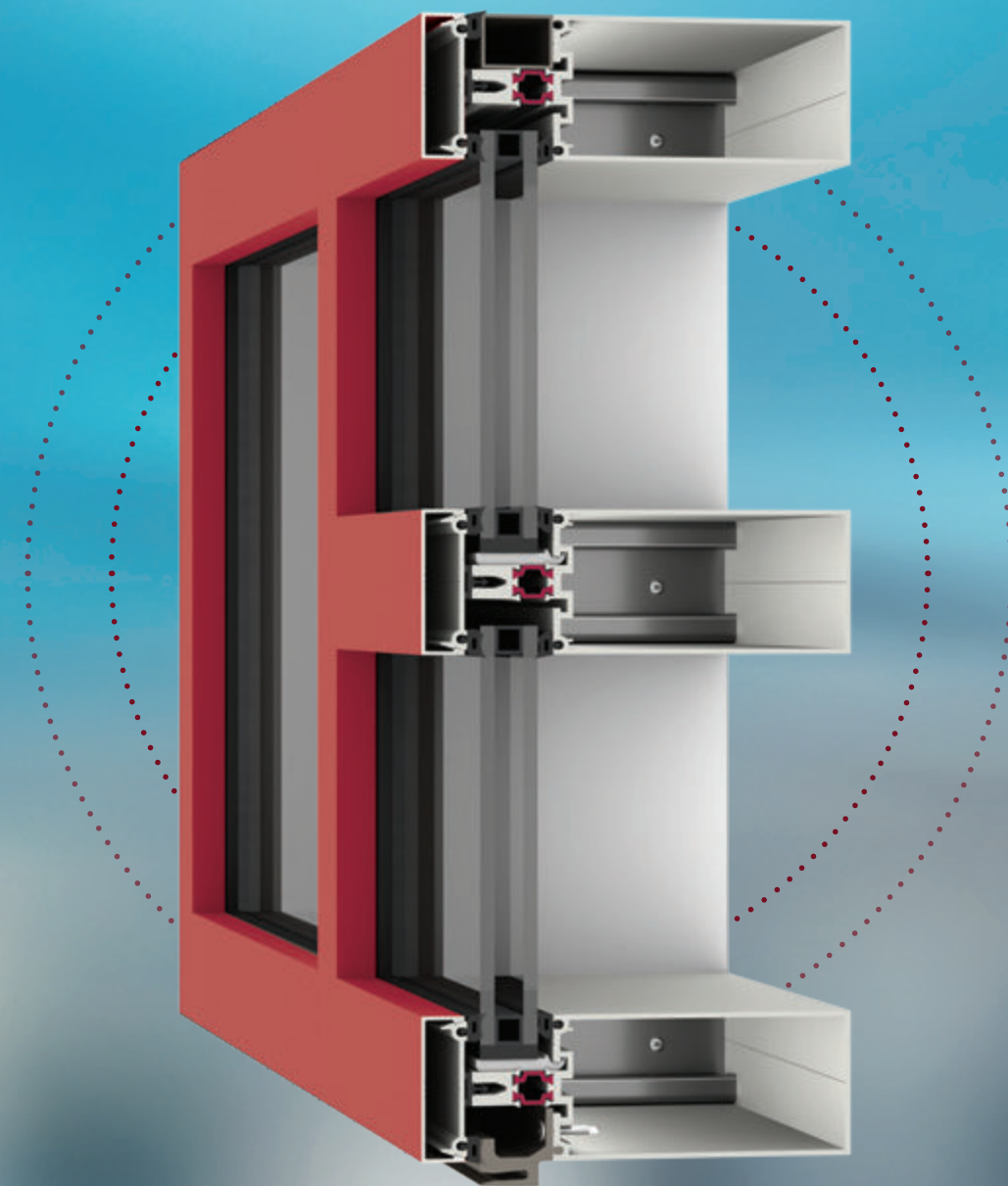
OVERVIEW	
ABOUT WINDSPEC	4 - 11
FINISHING OPTIONS.....	12 - 13
CURTAIN WALLS	
5500 HTP	14
5400 HTP	16
5500	18
5400	20
SLOPED GLAZING	
5700 HTP	22
DOORS	
HTP DOORS	24
COMMERCIAL DOORS.....	26
TERRACE DOORS	28
210 SCREW CHASE DOORS	30
STORE FRONT	
655	32
INTERIOR	
630	34
WINDGLIDE.....	36
200	38
WINDOWS	
535	40
575.....	42
855/875	44
725.....	46
RAINSCREEN	
925RS	48
LOUVERS	
1875, 325	50
GARAGE DOORS	
WINDLYFT HTP	52
WINDLYFT S.....	54



Windspec Inc. manufactures architectural aluminum systems engineered for precision, performance, and adaptability. From automated logistics to design-led solutions, we help our clients deliver high-performance results —efficiently, beautifully, and to exacting standards. Connect with us and discover what is possible.

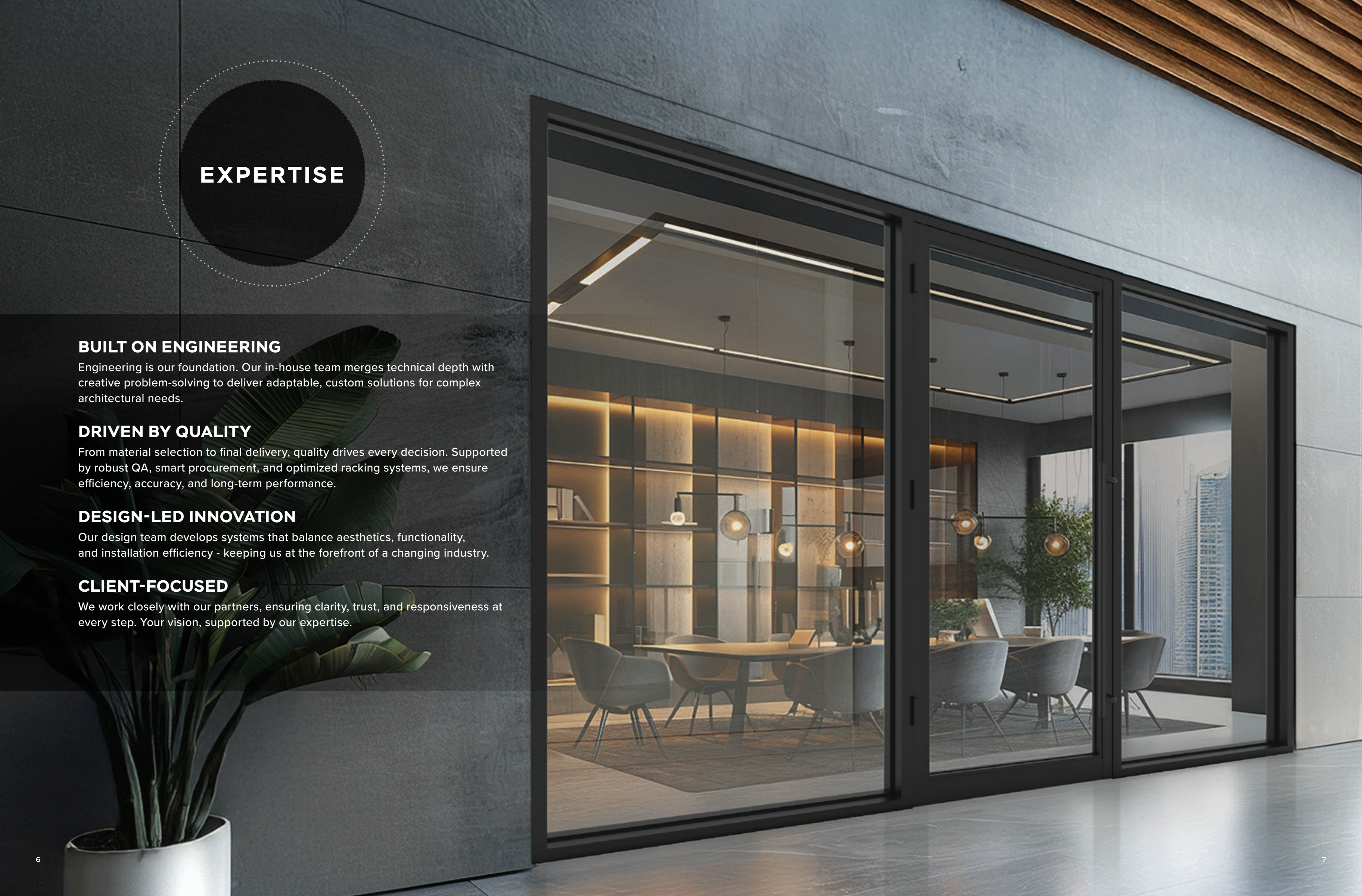
ARCHITECTURAL ALUMINUM SOLUTIONS

WINDSPEC.COM



5500 HTP





EXPERTISE

BUILT ON ENGINEERING

Engineering is our foundation. Our in-house team merges technical depth with creative problem-solving to deliver adaptable, custom solutions for complex architectural needs.

DRIVEN BY QUALITY

From material selection to final delivery, quality drives every decision. Supported by robust QA, smart procurement, and optimized racking systems, we ensure efficiency, accuracy, and long-term performance.

DESIGN-LED INNOVATION

Our design team develops systems that balance aesthetics, functionality, and installation efficiency - keeping us at the forefront of a changing industry.

CLIENT-FOCUSED

We work closely with our partners, ensuring clarity, trust, and responsiveness at every step. Your vision, supported by our expertise.





INNOVATION

INVESTING IN SUCCESS

Our state of the art warehouse logistics solution is built to elevate operational efficiency and productivity. We understand that streamlined operations are key to our clients success.

By revolutionizing inventory management and storage through advanced technology and automation, we maximize space, reduce manual handling, and deliver industry-leading turnaround times.

**CLIENT
CENTRIC
SOLUTIONS**

NEW PRODUCT!

HIGH THERMAL PERFORMANCE
CUSTOMIZABLE GLASS GARAGE DOORS



WINDLYFT HTP
GARAGE DOORS

PRECISION



EXCELLENCE

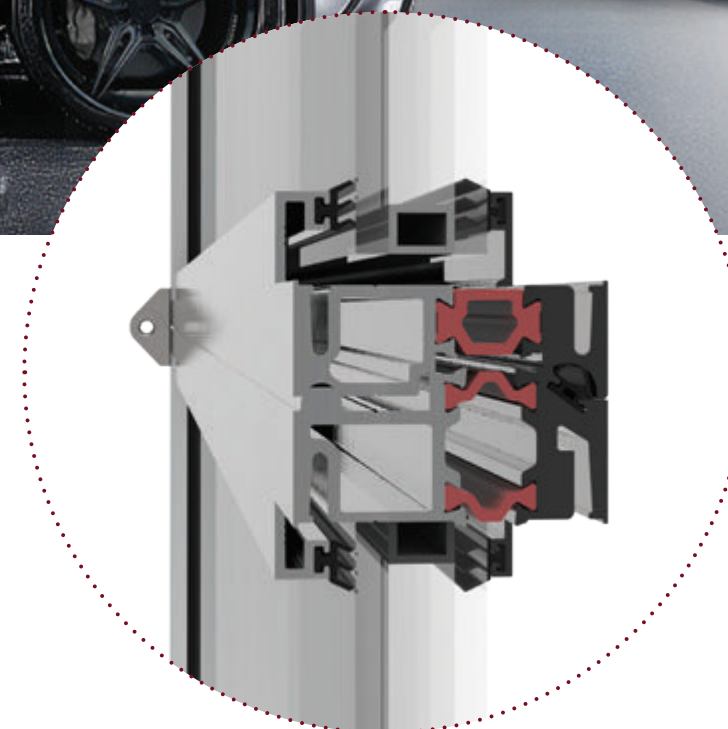


TRUST



COLLABORATION IS KEY.

At Windspec, collaboration and engineering go hand in hand. Our team combines technical expertise with creative agility to develop modular and custom solutions that meet your project goals. Using advanced industry tools and strict validation protocols, we ensure every system delivers on structural integrity, performance, and compliance—built to match your vision.



THE GARAGE INDUSTRIES
FIRST GLASS REINFORCED
NYLON THERMAL BREAK



VISIT:
WINDLYFT.COM

PRECISION ENGINEERED. EXPERTLY FABRICATED.

Every component is built with high-grade materials and guided by rigorous Q and A protocols to meet exacting standards. Our in-house capabilities streamline production, enabling faster turnaround times in the delivery of consistent, installation-ready systems.

ALUMINUM FINISHES

ANODIZED, LIQUID, POWDER COATING, AND SUBLIMATION

METAL FINISHING OPTIONS

Windspec aluminum systems are available in a wide range of finishes that enhance both appearance and performance. Our finishing processes are engineered to meet architectural standards, ensure long-term durability, and support seamless integration across commercial environments.

ANODIZING

Anodizing enhances aluminum’s corrosion resistance and delivers a refined, architectural appearance.

WINDSPEC STANDARD COLOR TINTED ANODIZED FINISHES

	#17 CLEAR AA-M10C21A31 Architectural Class II (.4 mils minimum)
	#14 CLEAR AA-M10C21A41 Architectural Class I (.7 mils minimum)
	#18 CHAMPAGNE AA-M10C21A44 Architectural Class I (.7 mils minimum)
	#26 LIGHT BRONZE AA-M10C21A44 Architectural Class I (.7 mils minimum)
	#40 DARK BRONZE AA-M10C21A44 Architectural Class I (.7 mils minimum)
	#29 BLACK AA-M10C21A44 Architectural Class I (.7 mils minimum)

LIQUID PAINTING

Our liquid paint finish system utilizes PPG™ Duracron, Acrynar, Duranar, Duranar XL to provide a smooth, even coating ideal for matching colors or achieving unique textures.

2604 & 2605 POWDER COATING

Powder coating applies a durable, electrostatically charged powder that is cured in an oven to form a resilient, uniform surface. It offers excellent impact resistance and is available in a wide selection of RAL and custom colors with matte, satin, or gloss finishes.

WINDSPEC STANDARD COLOR POWDER FINISHES

	STANDARD WHITE Clear Anodized Effect
	STANDARD BLACK Black Anodized Effect
	STANDARD SILVER Clear Anodized Effect

SUBLIMATION FINISHES

For a premium woodgrain look with aluminum performance, sublimation combines a base powder coat with a printed transfer film. Once baked and removed, the design becomes permanently bonded to the surface. Ideal for decorative elements or slatwall-style panels.

600+ SUBLIMATION FINISHES AVAILABLE

to view more finishes scan the qr code or visit:
<https://www.decorapowdercoatings.com/finishes>



VISIT:
DECORA



	DARK CHERRY
	CREAM CHERRY
	DARK NATIONAL WALNUT
	LIGHT NATIONAL WALNUT
	DARK TABLE
	LIGHT CHERRY



CONTACT US FOR MORE INFO AND CUSTOM FINISH OPTIONS

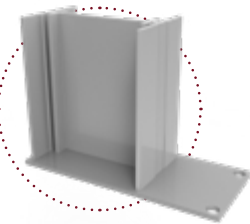
5500 HTP

HIGH THERMAL PERFORMANCE CURTAIN WALL



FEATURES

- 2-1/2” wide profile
- Glass reinforced thermal break allows for exceptionally high thermal performance without affecting the structural integrity of the system
- Mullion depths available: 2-7/8”, 3-5/8”, 4”, 5-1/4”, 6-5/8”, 8”, 10”
- Accommodates 1/4”, 1” and 1 3/4” glazing thickness
- Other glazing thicknesses available upon request
- Overall system depth to be 2-1/4” deeper than mullion depth for double glaze and 3” for triple glazed
- Capped glazing and SSG configurations available
- Pressure equalized internal drainage (applies to capped mullions only)
- Multiple anchoring methods available including ‘F’ and ‘T’ sleeve anchors
- Optional integrated trim system



Sleeve anchors available for quick installation while allowing for deflection.

BENEFITS

The 5500 HTP curtain wall provides exceptional thermal performance that goes beyond current building codes. As a stick building system, the ease of fabrication and installation make this an ideal choice for both small and large size projects.

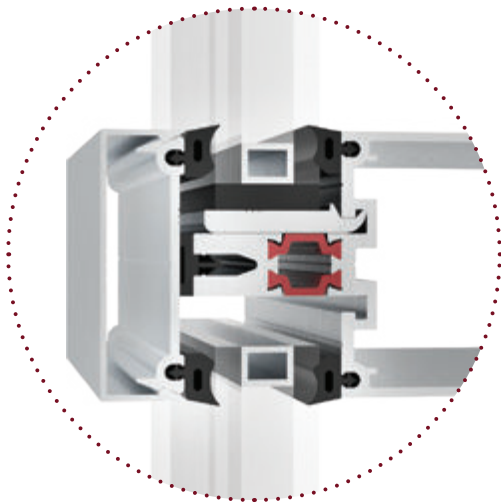
COMPATIBILITY

Compatible with all Windspec Doors:

- HTP doors (high thermal performance)
- Standard Commercial doors
- Exposed and Flush door adapters available

Compatible with most Windspec operable windows:

- 535 projecting vents (Awning, Hopper, Casement)
- 575 frameless projecting vents (Awning, Casement)
- 720 side slider
- 740 single and double hung
- 3-1/4” louver system
- 2-1/4” bypass louver system



MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break polyamide 6.6, 25% glass fiber reinforced
- Gaskets to be silicone or EPDM
- EPDM corner plugs
- Stainless steel fasteners for pressure plates

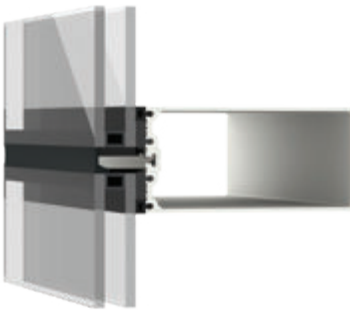
FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)

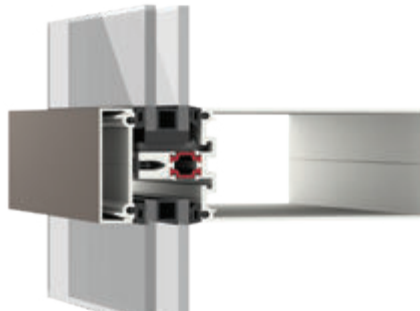
Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283

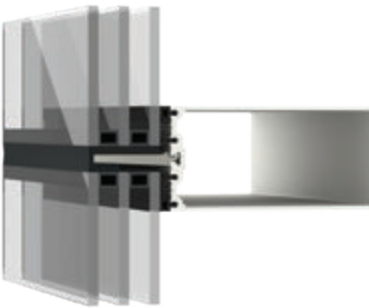
Double Glazed SSG



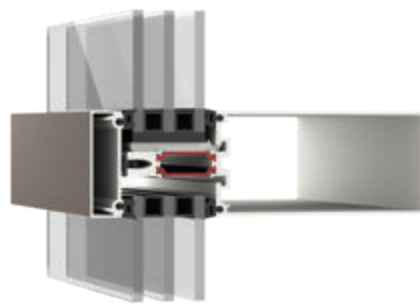
Double Glazed Capped



Triple Glazed SSG



Triple Glazed Capped



Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air infiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	0.01 L/s m2	FW-AW (fixed)
Air exfiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	0.01 L/s m2	FW-AW (fixed)
Static Water Penetration	No Leakage @ 730 Pa	No Leakage @ 730 Pa	FW-AW 100
Structural Design	No permanent damage @ 5040 Pa	No permanent damage @ 5040 Pa	FW-AW70
Forced Entry	Remove all exterior fasteners using common tools within 5 min. period	No removable exterior fixtures	Grade 20

- Water penetration: ASTM E331
- Structural performance: ASTM E330
- Wind load calculations: CAN3-S157

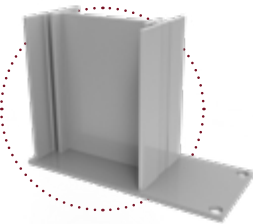
5400 HTP

HIGH THERMAL PERFORMANCE CURTAIN WALL



FEATURES

- 2" wide profile
- Glass reinforced thermal break allows for exceptionally high thermal performance without affecting the structural integrity of the system
- Mullion depths available: 2-3/4", 4", 5"
- Accommodates 1/4", 1" and 1 3/4" glazing thickness
- Other glazing thicknesses available upon request
- Overall system depth to be 2-1/4" deeper than mullion depth for double glazed and 3" for triple glazed
- Capped glazing and SSG configurations available
- Pressure equalized internal drainage (applies to capped mullions only)
- Multiple anchoring methods available including 'F' and 'T' sleeve anchors
- Optional integrated trim system



Sleeve anchors available for quick installation while allowing for deflection.



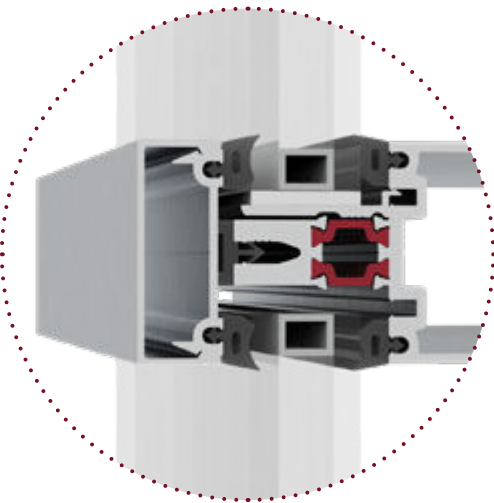
COMPATIBILITY

Compatible with all Windspec Doors:

- HTP doors (high thermal performance)
- Standard Commercial doors
- Exposed and Flush door adapters available

Compatible with most Windspec operable windows:

- 535 projecting vents (Awning, Hopper, Casement)
- 575 frameless projecting vents (Awning, Casement)
- 720 side slider
- 740 single and double hung
- 3-1/4" louver system
- 2-1/4" bypass louver system



BENEFITS

The 5400 HTP curtain wall provides exceptional thermal performance that goes beyond current building codes.

As a stick build system, the ease of fabrication and installation make this an ideal choice for both small and large size projects.

MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break polyamide 6.6, 25% glass fiber reinforced
- Gaskets to be silicone or EPDM
- EPDM corner plugs
- Stainless steel fasteners for pressure plates

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283

- Water penetration: ASTM E331
- Structural performance: ASTM E330
- Wind load calculations: CAN3-S157

Double Glazed Capped



Double Glazed SSG



Triple Glazed Capped



Triple Glazed SSG



Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air Infiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass	FW-AW (fixed)
Air exfiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass	FW-AW (fixed)
Static Water Penetration	No Leakage @ 730 Pa	Pass	FW-AW 100
Structural Design	No permanent damage @ 5040 Pa	Pass	FW-AW 100
Forced Entry	Remove all exterior fasteners using common tools within 5 min. period	Pass	Grade 40

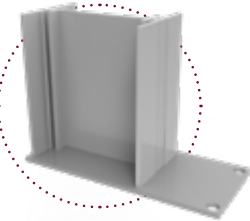
5500

CURTAIN WALL



FEATURES

- 2-1/2” wide profile
- Flexible PVC thermal break
- Mullion depths available: 2-7/8”, 3-5/8”, 4”, 5-1/4”, 6-5/8”, 8”
- Overall system depth is 2” deeper than mullion depths
- Accommodates 1/4” and 1” glazing thickness
- Other glazing thicknesses available upon request
- Capped glazing and SSG configurations available
- Pressure equalized internal drainage (capped mullions only)
- Multiple anchoring methods
- Optional integrated extruded trim system



Sleeve anchors available for quick installation while allowing for deflection.

BENEFITS

The versatility of the 5500 series enables it to be used in almost any curtain wall application. With both capped and silicone glazed options, this product can fulfill a wide range of applications structurally and aesthetically. Applications include: Low to mid-rise commercial buildings, retail, office, health care and institutional applications.

COMPATIBILITY

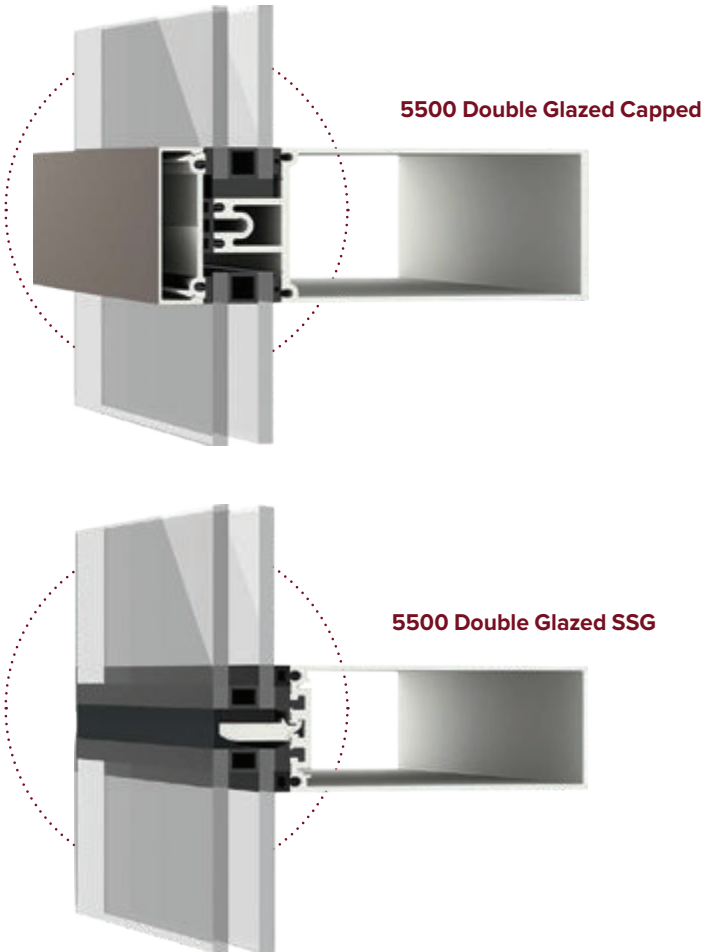
- Compatible with all Windspec Doors:**
- HTP doors (high thermal performance)
 - Standard Commercial doors
 - Exposed and Flush door adapters available
- Compatible with most Windspec operable windows:**
- 535 projecting vents (Awning, Hopper, Casement)
 - 575 frameless projecting vents (Awning, Casement)
 - 720 side slider
 - 740 single and double hung
 - 3-1/4” louver system
 - 2-1/4” bypass louver system

MATERIALS

- All aluminum to be 6063-T6 tempered
- Gaskets to be silicone or EPDM
- EPDM corner plugs
- Stainless steel fasteners for pressure plates

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air Infiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass	FW-AW (fixed)
Air exfiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass	FW-AW (fixed)
Static Water Penetration	No Leakage @ 730 Pa	Pass	FW-AW 100
Structural Design	No permanent damage @ 5040 Pa	Pass	FW-AW 70
Forced Entry	Remove all exterior fasteners using common tools within 5 min. period	Pass	Grade 20

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283
- Water penetration: ASTM E331
- Structural performance: ASTM E330
- Wind load calculations: CAN3-S157

5400

CURTAIN WALL



FEATURES

- 2” wide profile
- Flexible PVC thermal break
- Mullion depths available: 2-3/4”,4”,5”
- Overall system depth is 2“ deeper than mullion depths
- Accommodates 1/4” and 1” glazing thickness
- Other glazing thicknesses available upon request
- Pressure equalized with internal drainage (applies to capped mullions only)
- Multiple anchoring methods available including ‘F’ and ‘T’ sleeve anchors



COMPATIBILITY

Compatible with all Windspec Doors:

- HTP doors (high thermal performance)
- Standard Commercial doors
- Exposed and Flush door adapters available

Compatible with most Windspec operable windows:

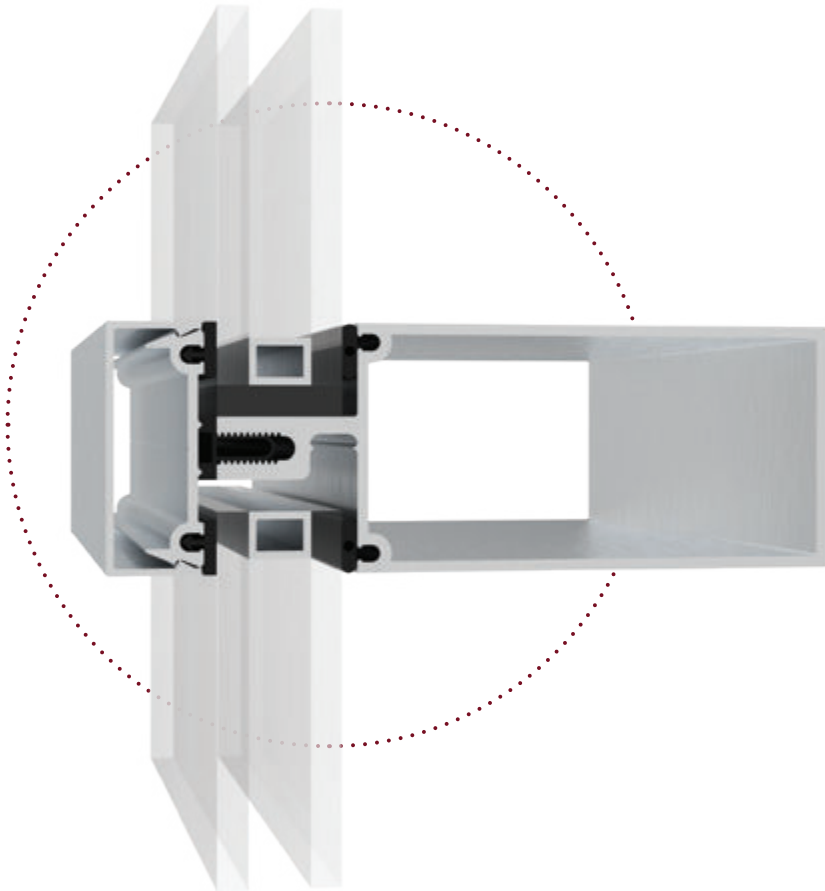
- 535 projecting vents (Awning, Hopper, Casement)
- 575 frameless projecting vents (Awning, Casement)
- 720 side slider
- 740 single and double hung
- 3-1/4” louver system
- 2-1/4” bypass louver system

MATERIALS

- All aluminum to be 6063-T6 tempered
- Gaskets to be silicone or EPDM
- EPDM corner plugs
- Stainless steel fasteners for pressure plates

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



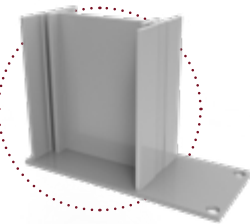
Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air Infiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass	FW-AW Fixed
Air exfiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass	FW-AW Fixed
Static Water Penetration	No Leakage @ 730 Pa	Pass	FW-AW 100
Structural Design	No permanent damage @ 5040 Pa	Pass	FW-AW 70
Forced Entry	Remove all exterior fasteners using common tools within 5 minutes period	Pass	Grade 20

BENEFITS

This 5400 system is ideal for storefront framing and small to medium spanning curtain walls.

Applications include: Low to mid-rise commercial buildings, retail, office, health care and institutional applications.



Sleeve anchors available for quick installation while allowing for deflection.

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283

- Water penetration: ASTM E331
- Structural performance: ASTM E330
- Wind load calculations: CAN3-S157

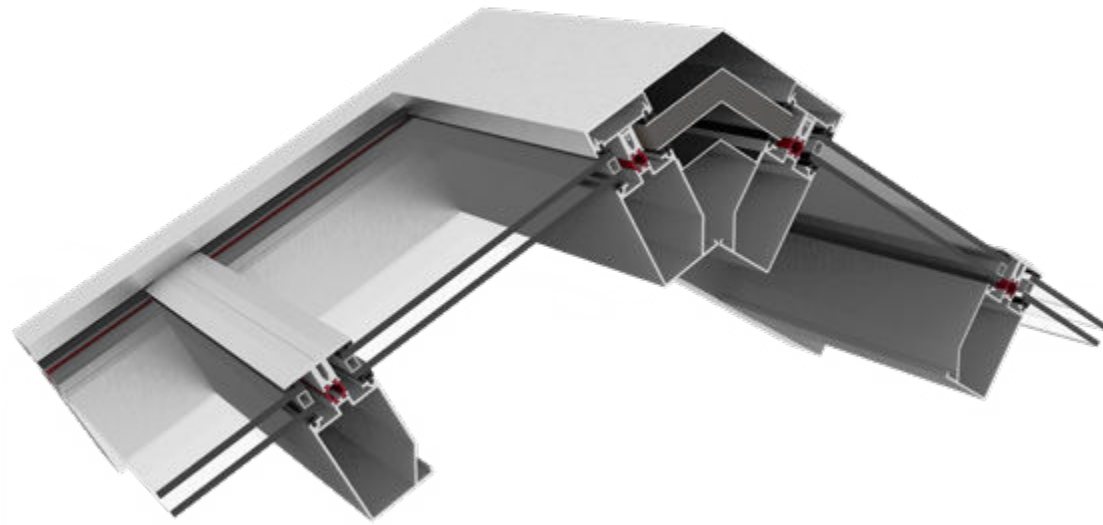
SLOPED GLAZING

5700 SERIES
SKYLIGHT, SOLARIUM, AND SUNROOM SYSTEMS

5700 HTP FEATURES

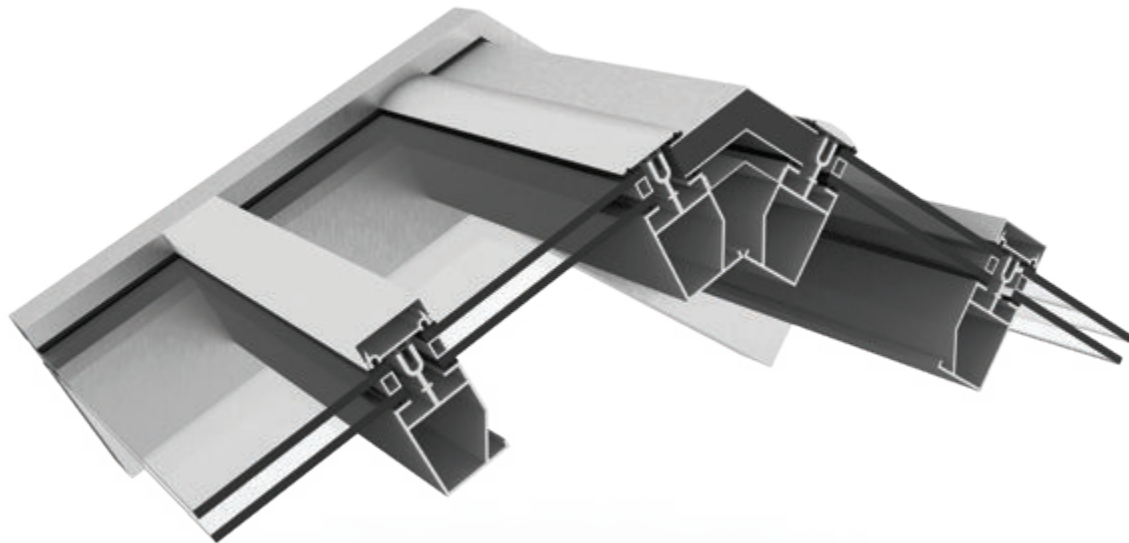
Increased High Thermal Performance

- Exterior Glazed
- 2-1/2" sightline
- 4" and 5-1/4" mullion depths
- Accommodates 1" and 1-3/4" glazing thickness
- Other glazing thicknesses available upon request



5700 FEATURES

- Integral drainage
- Exterior Glazed
- 2" sightline
- Accommodates 1" glazing thickness
- Mullion depths in 2-3/4" and 4"



MATERIALS

5700 HTP

- Thermal Break polyamide 6.6, 25% glass fiber reinforced

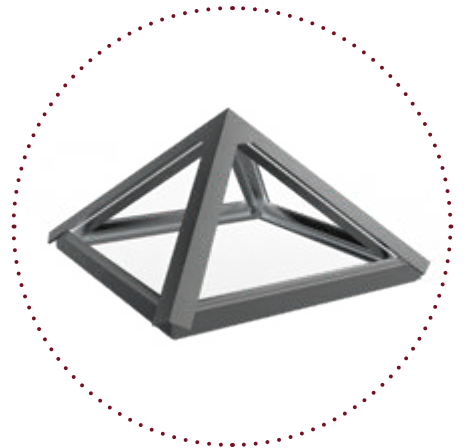
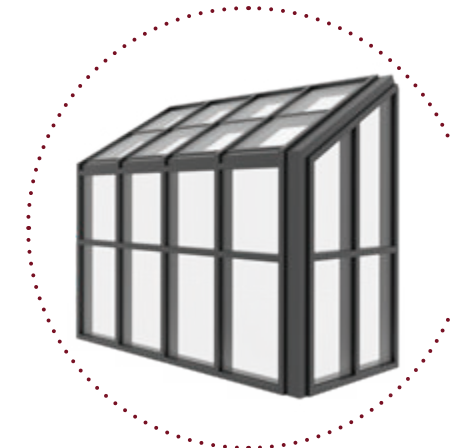
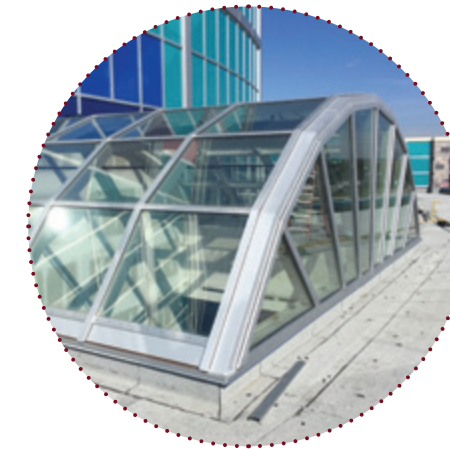
5700 HTP / 5700

- All aluminum to be 6063-T6 tempered
- Gaskets to be silicone or EPDM
- Stainless steel fasteners for pressure plates

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)

WINDSPEC'S SLOPED GLAZING SYSTEMS PROVIDE FLEXIBILITY IN DESIGN APPLICATION



HTP DOORS

THERMAL PERFORMANCE SYSTEM



FEATURES

- High performance glass reinforced nylon thermal break
- Accommodate 1" double glazed and 1-1/2" triple glazed thickness (other thicknesses can be achieved using various glass stops)
- 2-1/2" narrow stile, 3-3/4" medium stile, 5" wide stile
- 2-1/4" door thickness
- Mechanically fastened and welded corners
- 1", 4-1/8", 5-1/2" and 7" horizontal rail options
- Combination rails available

HARDWARE

Standard Hardware:

- 4" x 4-1/2" Stainless steel butt hinges or aluminum continuous hinge
- Tubular push bar
- Offset pull handle
- MS lock with thumb turn and cylinder
- 6-1/2" thermally broken threshold

BENEFITS

Windspec's HTP Series doors bridge the gap between commercial durability and thermal performance. We utilize an advanced glass-reinforced nylon thermal break system, capable of meeting strict thermal requirements, while maintaining attributes for commercial applications.

COMPATIBILITY

- Compatible with most store front and curtain wall systems
- Compatible with most commercial door hardware
- * Some hardware may be limited to specific stile depths

MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break polyamide 6.6, 25% glass fiber reinforced
- Gaskets to be silicone or EPDM
- Stainless steel fasteners for pressure plates

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)

Applicable Standards

• ANSI/NFRC 100 • ANSI/NFRC 200 • NFRC 500

Typically Stocked Optional Hardware:

- Adams Rite 4510 Latch lock with 4590 paddle
- Adams Rite 7400 electric strike (for mortise locks only)
- First Choice 3790 rim panic
- First Choice 3690 CVR panic
- Adams Rite 8400 mortise panic
- Adams Rite 8600 CVR panic
- SC61 closer or similar
- LCN 4040xp (heavy duty option)



DOOR SWINGS

Right Hand (RH)



Left Hand (LH)



Right Hand Reverse (RHR)



Left Hand Reverse (LHR)



Pair In (PI)



Pair Out (PO)



COMMERCIAL DOORS

STANDARD TRADITIONAL SYSTEM



FEATURES

- Accommodate 1/4", 3/8", 1/2" and 1" glazing
- 2" narrow stile, 3-1/2" medium stile, 5" wide stile
- 1-3/4" door thickness
- Mechanically fastened and welded corners
- 1", 2-3/8", 4-1/8", 5-1/2", 7", 8", 10" and 12" horizontal rail options

HARDWARE

Standard Hardware:

- 4" x 4-1/2" Stainless Steel Butt Hinges or aluminum continuous hinge
- Tubular push bar
- Offset Pull Handle
- MS lock with thumb turn and cylinder
- 6-1/2" thermally broken threshold



COMPATIBILITY

- Compatible with most store front and curtain wall systems
- Compatible with most commercial door hardware
- * Some hardware may be limited to specific stile depths
- Compatible with 630 sliding door system and WindGlide barn door header

MATERIALS

- All aluminum to be 6063-T6 tempered
- Gaskets to be silicone or EPDM
- Stainless steel fasteners for pressure plates

FINISHES

- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available:
 - Duracron (one-coat)
 - Duranar (2 coat)
 - Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



DOOR SWINGS

Right Hand (RH)



Left Hand (LH)



Right Hand Reverse (RHR)



Left Hand Reverse (LHR)



Pair In (PI)



Pair Out (PO)



BENEFITS

Windspec's traditional commercial door system is extremely versatile. At 1-3/4" depth, this system is not thermally broken, but can accept single glass or 1" sealed units.

With 3 available side-stile widths and 9 horizontal rail options, we can meet almost all commercial design requirements.

Applicable Standards

• ANSI/NFRC 100 • ANSI/NFRC 200 • NFRC 500

Typically Stocked Optional Hardware:

- Adams Rite 4510 Latch lock with 4590 paddle
- Adams Rite 7400 electric strike (for mortise locks only)
- First Choice 3790 rim panic
- First Choice 3690 CVR panic
- Adams Rite 8400 mortise panic
- Adams Rite 8600 CVR panic
- SC61 closer or similar
- LCN 4040xp (heavy duty option)

TERRACE DOORS

ENTRANCE SYSTEM



FEATURES

- NAFS AW-PG70
- 2-7/16” Deep
- Compatible with 1” and 1 3/4” glazing thickness
- Other glazing thicknesses available upon request
- Low profile sill is available for accessibility
- 3-3/4” door stiles for jambs, head and sill
- 2-1/2” mid-rail available
- Euro-groove hardware for maximum adjustability and performance
- Multi-point locking system for optimal compression
- Triple weather-strip for increased air seal
- Glass reinforced thermal break allows for exceptionally high thermal performance without affecting the structural integrity of the system
- Use as insert or stand alone
- Custom gaskets and components used to optimize performance of system



COMPATIBILITY

- Built in curtain wall adapter
- Compatible with many wall systems
- Option for stand alone installation



MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break: Polyamide 6.6, 25% glass fiber reinforced
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer
- Aluminum and stainless-steel anchors and fasteners
- Cast aluminum corner keys for rigid assembly

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available:
 - Duracron (one-coat)
 - Duranar (2 coat)
 - Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



Single Door - Open Out



Single Door - Open In



Double Door - Open Out



Double Door - Open In

BENEFITS

Windspec’s Terrace Door entrance system is designed to integrate with the architectural demands of condominiums, hotels, and high-rise residences.

Engineered to accommodate various wall conditions offering an enhanced and modern entrance solution.

Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT
Air Infiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass
Air exfiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass
Static Water Penetration	No Leakage @ 730 Pa	Pass
Structural Design	No permanent damage @ 5040 Pa	Pass
Forced Entry	Remove all exterior fasteners using common tools within 5 min. period	Pass

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283

- Water penetration: ASTM E331
- Structural performance: ASTM E330

210 SCREW CHASE DOORS

INTERIOR DOOR SYSTEM

FEATURES

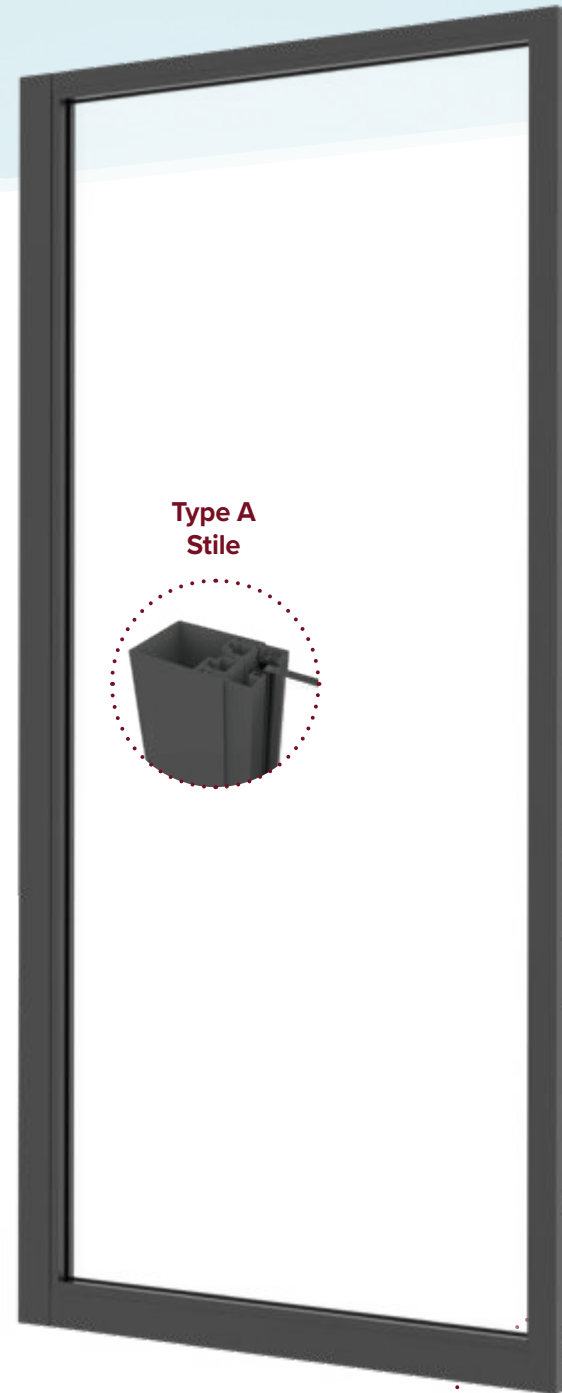
- Seamless integration with the 630 Series interior system and WindGlide barn door header
- Self closing pivot door system available
- Designed for fast, efficient fabrication
- Non-thermally broken profile suitable for interior applications
- 1-3/4" overall sightline to align seamlessly with 630 series
- Accommodates 6mm glazing

Flush Finger Pull Integrated into glass stop

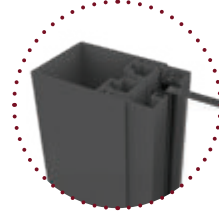


BENEFITS

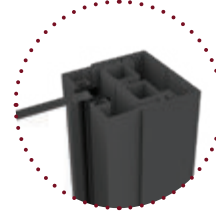
The 210 screw chase door offers a sleek solution for interior sliding and pivot door applications. The innovative screw chase assembly streamlines fabrication while delivering lasting durability and virtually unlimited configuration options.



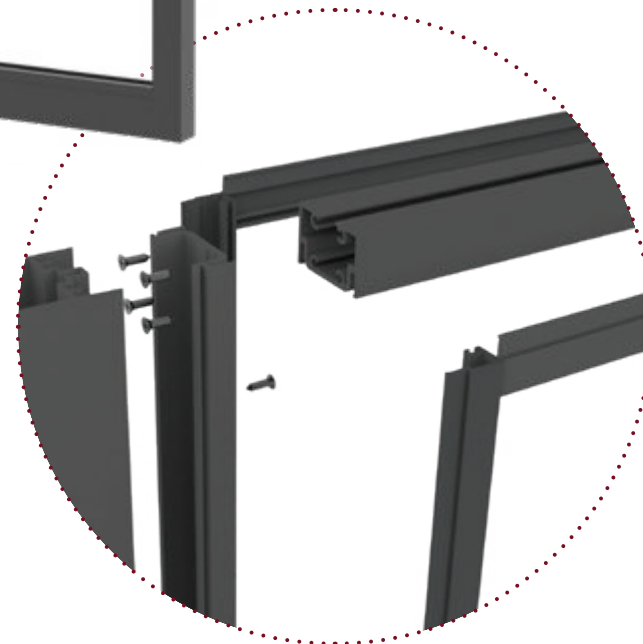
Type A
Stile



Type B
Stile



Required for
lockable doors



MATERIALS

- All aluminum to be 6063-T6 tempered
- Gaskets to be silicone or EPDM
- Stainless steel fasteners for pressure plates

FINISHES

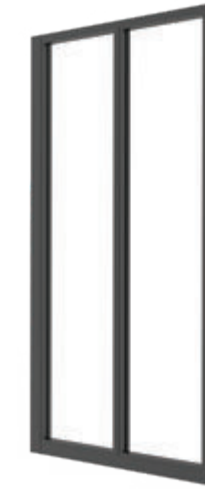
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available:
Duracron (one-coat)
Duranar (2 coat)
Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)

DOOR OPTIONS

Full Glass



Vertical Divided Lites



Horizontal Divided Lites

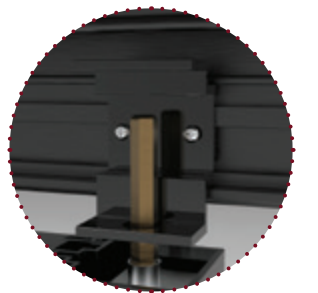


WindGlide Barn Door

WindGlide
Soft Close

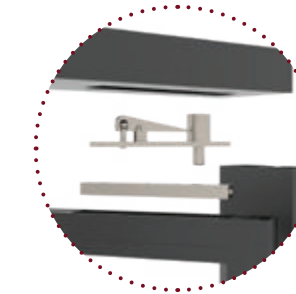


WindGlide
Vertical Lock



Pivot Hinge Door

Pivot Hinge Top



Pivot Hinge Bottom



655

HIGH THERMAL PERFORMANCE FLUSH GLAZE SYSTEM



FEATURES

- Thermally broken storefront framing system
- 2” x 4-1/2” profile
- Pressure equalized internal drainage
- Optional sill track for drainage
- PVC and aluminum adapters available for 1/4” and 1/2” glazing
- Gaskets available for glazing thickness up to 3/4” (inquire for details)
- Glass reinforced thermal break allows for exceptional high thermal performance without affecting the structural integrity of the system
- Tested to NAFS and CSA standards
- Thermal simulations conducted as per NFRC
- U-Value as low as 0.31 (with COG value of 0.24)



COMPATIBILITY

Compatible with all Windspec doors:

- HTP doors (high thermal performance)
- Standard commercial doors
- Other non-Windspec doors may also be compatible

Compatible with Windspec operable windows:

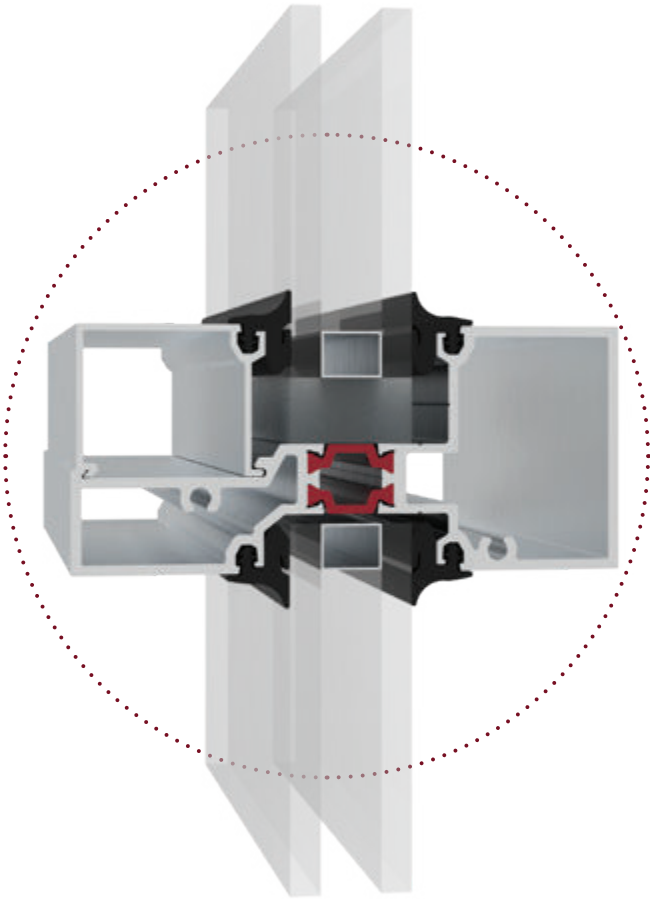
- 535 projecting vents (Awning, Hopper, Casement)
- 720 thermal sliding windows
- 740 single hung window
- Fixed 1-7/8” deep louvers

MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break polyamide 6.6, 25% glass fiber reinforced
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



BENEFITS

The 655 Series enhances the popular flush glazing system by increasing its thermal performance. By utilizing an advanced glass-reinforced nylon thermal break, the 655 Series raises our traditional flush glazing to a new standard.

Its simplicity as a stick-build system is easy to assemble and install, allowing for increased job site efficiencies.

Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air Infiltration @ 75 Pa	Fixed Level: <0.2 L/s m2	Pass	Fixed
Air exfiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass	Fixed
Static Water Penetration	No Leakage @ 730 Pa	Pass	CW100-FW
Structural Design	No permanent damage @ 5040 Pa	Pass	CW70-FW
Forced Entry	Remove all exterior fasteners using	Pass	Grade 40

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/1.5.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/1.5.2/A440-09
- Canadian Supplement Section 5
- Air leakage: ASTM E283
- Water penetration: ASTM E331
- Structural performance: ASTM E330
- Wind load calculations: CAN3-S157

630

PRE-ASSEMBLED SWING & SLIDE CENTERED GLASS FRAMING SYSTEM

FEATURES

- Engineered for superior installation efficiency
- Interior flush glaze
- Non-thermally broken
- 1 3/4" x 4 1/2" profile
- Exterior or interior glazed
- 6mm, 10mm and 12mm glazing thickness
- Compatible with Windspec swing doors
- Fully integrated top track slider available
- Drywall overlap kit allows for seamless integration with adjacent walls



MATERIALS

- All aluminum to be 6063-T6 tempered
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer

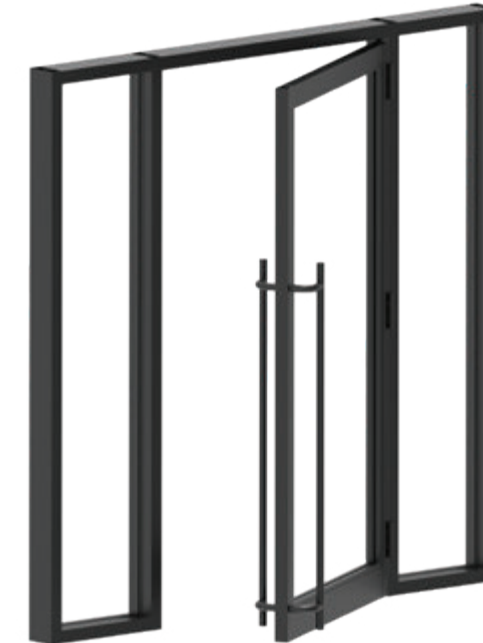


BENEFITS

The Windspec 630 series is a sleek center set flush glazing system adaptable for your interior design project needs.

Featuring a contemporary profile, this series is ideal for interior environments, vestibules, office partitions and more. It's sleek design and pre-installed components provide a fast install experience.

FULLY INTEGRATED FRAMING WITH: SLIDING, BI-PARTING, SWING, PIVOT, AND DOUBLE DOOR SOLUTIONS.



630 Integrated with Swing Door



630 Integrated with Sliding Door

FINISHES

- Standard anodic finishes available in class I (0.0004) and class II (0.0007)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)

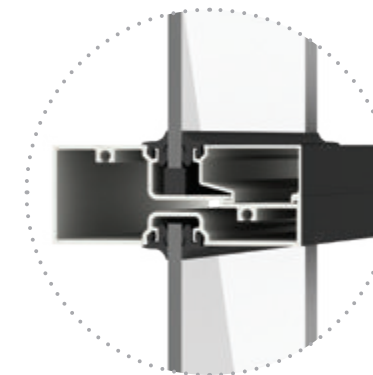
Swing Door Hardware

- Compatible with most commercial hardware
- See commercial doors for standard hardware

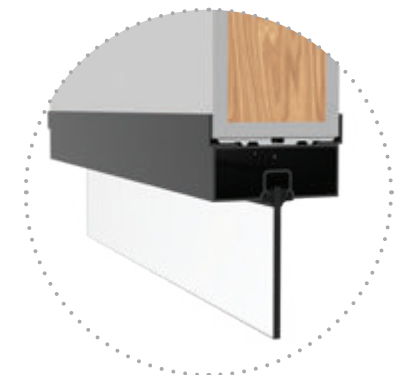
Sliding Door Hardware

- Adams Rite (MS1850 S) Hook Bolt
- Variety of pull handles available

Typical Glazing Cross Section



Optional Overlap Drywall Trim Kit



WINDGLIDE

BARN DOOR HEADER HIT

FEATURES

- Easy on-site Assembly
- Welded or screw chase door compatible
- Luxury soft close and open
- Adaptable for smooth installation
- Innovative hidden vertical lock
- Pre-assembled barn door header
- Choose from standard or optional screw chase door header kits
- Track assembly installs directly to the interior wall creating a clean look and smooth installation experience
- Our standard system is aluminum – and suitable for custom glass, aluminum, or wood
- Rated for up to 120 kg / 264 lbs.
- Also includes pre-drilled holes, groove guide, and all mounting hardware
- Install ready with all components and hardware are shipped flat packed

Soft Close Mechanism



MATERIALS

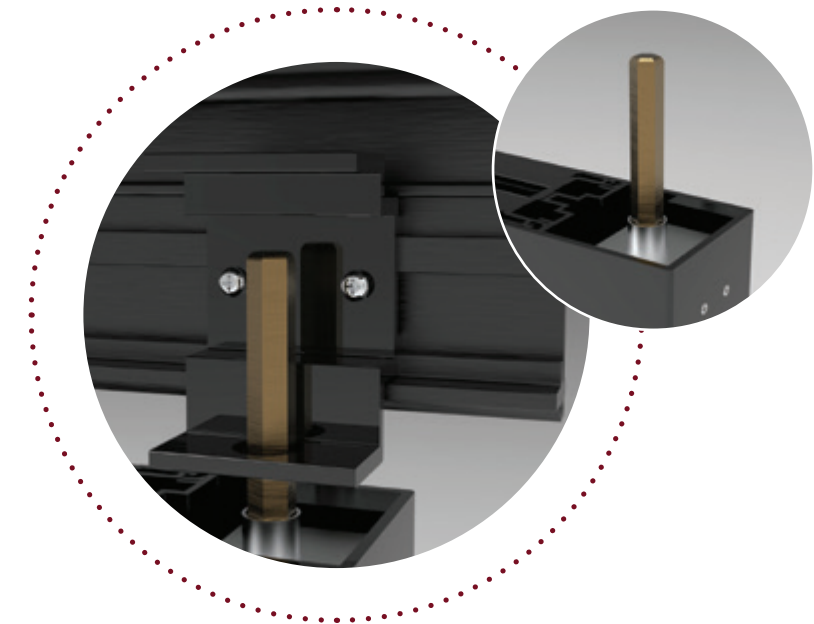
- All aluminum to be 6063-T6 tempered
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer

FINISHES

- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decorall USA)

SECUREGLIDE

Vertically Concealed Lock Feature Comes Standard



210 Door with Frosted Glass



210 Door with Muntin Bars



210 Bi-Parting Doors with SDL (simulated divided lites)



200

MULTI-TRACK SLIDING DOOR SYSTEM

FEATURES

- 1-3/4" thick profile
- Compatible with 1/4", 3/8", 1/2", and 1" glazing thickness
- Other glazing thicknesses available upon request
- Vertical stiles available: 2"
- Horizontal rails available: 1", 1-3/4", 2-3/8", 3-1/4", 4-1/8", 5-1/2", 7", 8", 10", 12"
- Horizontal rails can be combined to create multiple sizes as desired
- Custom gaskets and components used to optimize performance of system
- Surface mount and concealed track options available



BENEFITS

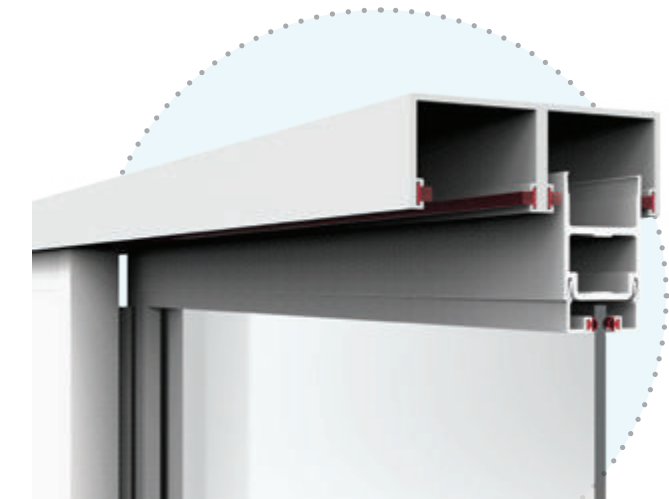
The Windspec 200 Series sliding door is a multi-track system that can be adapted to carry endless amounts of doors. By utilizing sealed interlocking verticals and headers, the system is ideal for classroom, office, and institutional partitions which space and sound separation are important. Due to the simplicity of design and installation, this system will generally be the most economical way to divide spaces that require a glass movable wall.

MATERIALS

- All aluminum 6063-T6 tempered
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer
- Mechanically fastened and 8-point welding

FINISHES

- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available:
Duracron (one-coat)
Duranar (2 coat)
Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decorall USA)



CASCADING SLIDING DOORS



535

HIGH PERFORMANCE OPERABLE WINDOW AND CURTAINWALL INSERTS

FEATURES

- 2-13/16” deep profile
- Compatible with 1” double glazed and 1-3/4” triple glazed sealed units
- High performance glass reinforced polyamide thermal break allows for high thermal performance without affecting the structural integrity of the units
- Available in open-in and open-out configurations
- Pressure equalized
- Tested to NAFS and CSA standards
- Thermal simulations conducted as per NFRC

BENEFITS

The 535 series is streamlined, energy-efficient, and customizable to your project design aesthetics. With a sleek profile, and optional curtain wall functionality, these windows redefine versatility. With integrated drainage, and impressive U values for more energy savings.



ACCESSORIES

- Top Hung Open Out - Standard:**
- Pivot shoe operator on sill
 - 1 claw handle per jamb
 - 4-bar friction hinges (concealed)
- Top Hung Open Out - Optional:**
- Manual cam handles (not compatible with screen)
 - Prep for Teleflex (hinges only - must specify butt hinges or friction hinges when ordering)
 - Teleflex or motorized application not included - contact sales rep for recommended installer
 - Pole operator for hard-to-reach situations
 - Custodial lock
 - Opening Limiter
- Casement - Standard:**
- Roto operator on sill
 - 2 claw locks on jambs (on units 31-9/16” in height and shorter)
 - Multipoint lock (on units 31-5/8” in height and taller)
 - Aluminum exposed butt hinges
- Casement - Optional:**
- Egress units to have manual cam handle and butt hinges
 - NOTE: Egress configuration cannot be used for ventilation
 - Custodial Lock
 - Opening Limiter
- Bottom Hung Open In - Standard:**
- 2 manual cam handles with keepers on header
 - 4-bar friction hinges (concealed)
- Bottom Hung Open In - Optional:**
- Spring catch
 - Cam handle for pole operator
 - Pole sold separately
 - Custodial lock

MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break polyamide 6.6, 25% glass fiber reinforced
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer
- Stainless steel fastener

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



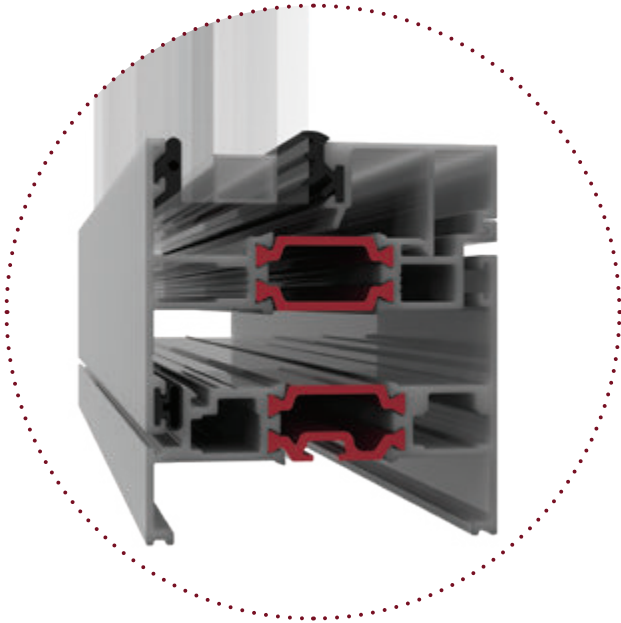
535 Hopper



535 Awning



535 Casement



Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air infiltration @ 300Pa	<0.5 L/s m2	0.02 L/s m2	AP-AW (A3)
Air exfiltration @ 300Pa	<0.5 L/s m2	0.03 L/s m2	AP-AW (A3)
Static water penetration	No leakage @ 730Pa	No leakage @ 730Pa	AP-AW100 (B7)
Structural design	No permanent damage @ various chosen pressure points	No permanent damage @ 4320Pa	AP-AW60
Forced entry	Remove all exterior fasteners using common tools within 5-minute period	No removable exterior fixtures	Grade 20

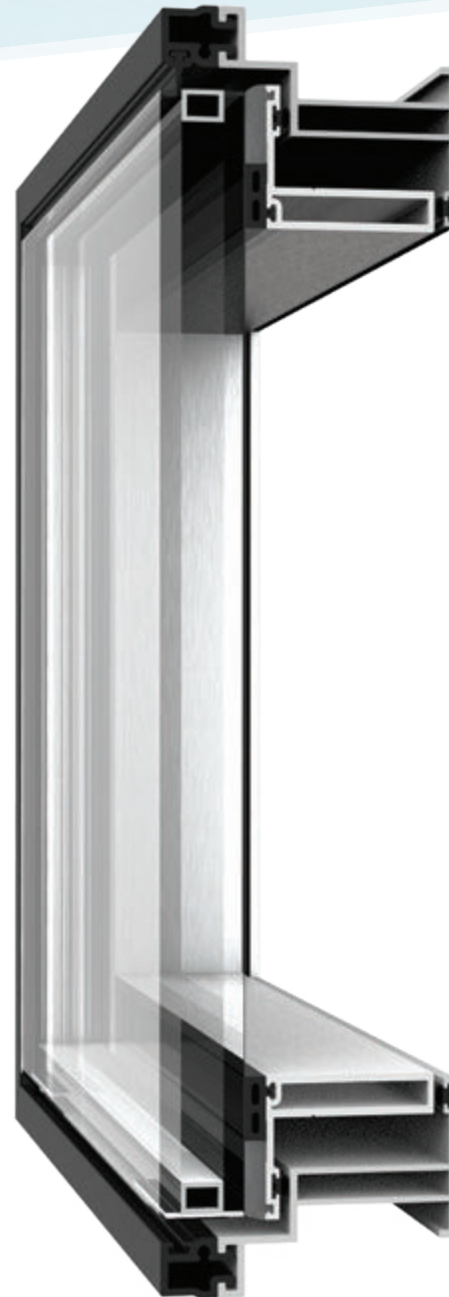
Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283
- Water penetration: ASTM E331
- Structural performance: ASTM E330
- Wind load calculations: CAN3-S157

FEATURES

Open Out Configuration

- No exterior visible framing provides a frameless effect
- Zero sightlines
- Accommodates 1" double or 1 3/4" triple glazing units
- Adaptable for SSG applications
- U value as low as 0.35 (1" glazing)
- U value as low as 0.26 (1 3/4" glazing)
- NAFS: Class CW-PG70-AP
- A440 - A3, C5, B7
- 3-1/2" deep overall profile



COMPATIBILITY

- Compatible with Windspec Windows and Curtain Walls
- May also be compatible with existing window and curtain wall assemblies. Please inquire for further analysis.

HARDWARE

Top Hung Open Out - Standard:

- Pivot shoe operator on sill
- 1 claw lock per jamb
- 4-bar friction hinges (concealed)

Top Hung Open Out - Optional:

- Manual cam handles (not compatible with screen)
- Prep for Teleflex (hinges only - must specify butt hinges or friction hinges when ordering)
- Teleflex or motorized application not included – contact sales rep for recommended installer
- Pole operator for hard-to-reach situations
- Custodial lock
- Opening Limiter

Casement - Standard:

- Pivot shoe operator on jamb
- 2 claw locks on jamb
- 4-bar friction hinges on head/sill (concealed)

Casement - Optional:

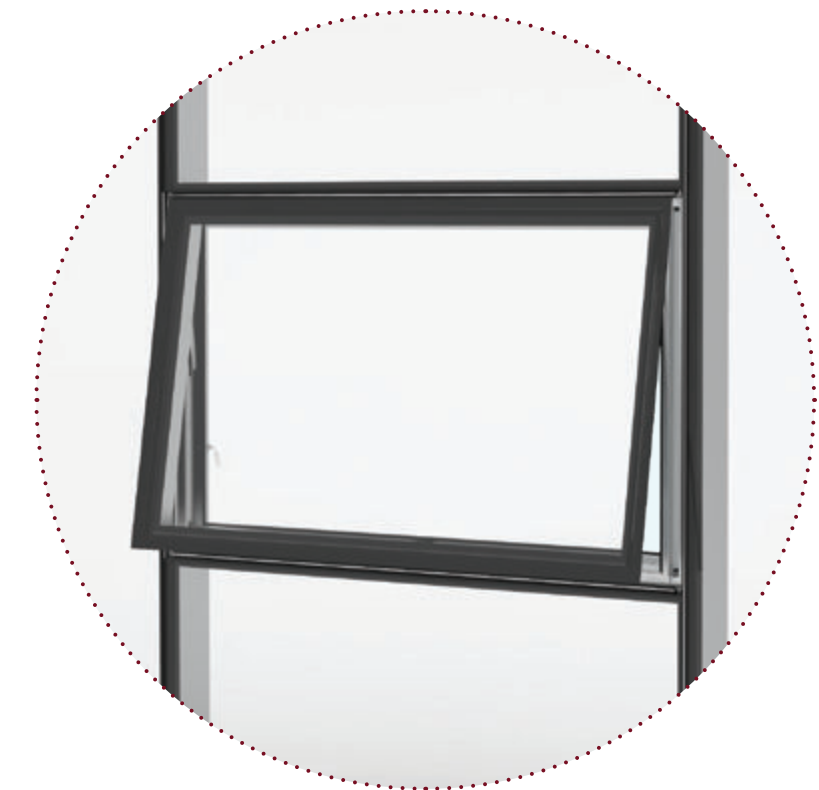
- Custodial Lock
- Opening Limiter

MATERIALS

- All aluminum to be 6063-T6 tempered
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer
- Stainless steel fasteners

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air Infiltration @ 300 Pa	Fixed Level: <0.5 L/s m2	0.08 L/s m2	AP-CW (A3)
Air exfiltration @ 300 Pa	Fixed Level: <0.5 L/s m2	0.08 L/s m2	AP-CW (A3)
Static Water Penetration	No Leakage @ 730 Pa	Pass	AP-CW (B7)
Structural Design	No permanent damage @ various chosen pressure points	Pass	AP-CW 70
Forced Entry	Remove all exterior fasteners using common tools within 5 minutes period	Pass	Grade 20

BENEFITS

Windspec's 575 frameless vent allows for a seamless operable unit in window or curtainwall framing without affecting exterior sightlines.

By limiting exterior aluminum components, we have achieved thermal performance values far beyond industry standards.

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283
- Water penetration: ASTM E331
- Structural performance: ASTM E330

855/875

COMMERCIAL AND INSTITUTIONAL THERMALLY BROKE STICK BUILD WINDOWS

FEATURES

- 3/4” thick profile with 3/4” glazing fins
- 3-1/4” to 6” overall depths available
- Custom depths available upon request
- Face sealed window design
- Modified Rain-screen setup available
- Compatible with 1” double glaze and 1-3/4” triple glaze units
- Other glazing thicknesses available upon request
- Compatible with Windspec sandwich panels (various depths)
- Glass reinforced thermal break allows for exceptionally high thermal performance without affecting the structural integrity of the system
- Custom gaskets and components used to optimize performance of the system



COMPATIBILITY

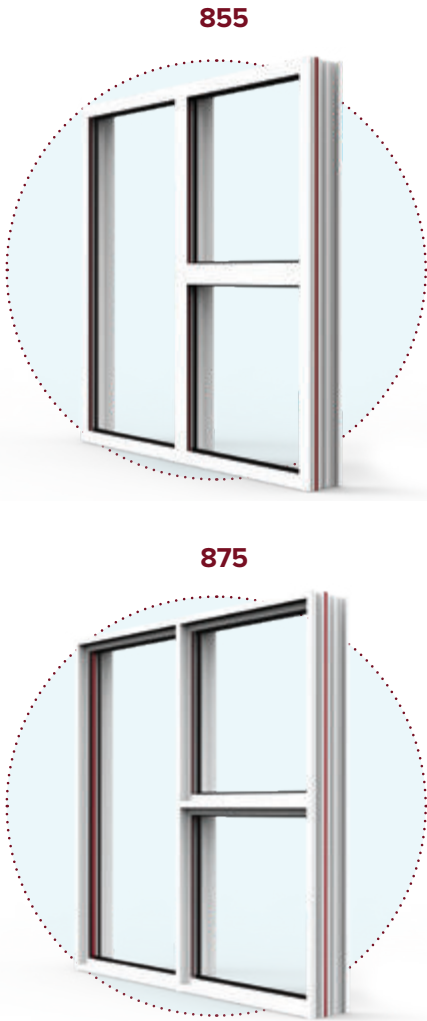
- Compatible with all Windspec doors:**
- 535 Operable windows
 - 1875 louvers
 - 575 Frameless operable windows

MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break polyamide 6.6, 25% glass fiber reinforced
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available:
 - Duracron (one-coat)
 - Duranar (2 coat)
 - Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air Infiltration @ 75 Pa	Fixed Level: <0.2 L/s m2	Pass	Fixed
Air exfiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass	Fixed
Static Water Penetration	No Leakage @ 730 Pa	Pass	CW100-FW
Structural Design	No permanent damage @ 5040 Pa	Pass	CW70-FW
Forced Entry	Remove all exterior fasteners using common tools within 5-minute period	Pass	Grade 40
Thermal Transmittance	N/A	Double glazed 0.32" Triple glazed 0.21**	N/A

Applicable Standards

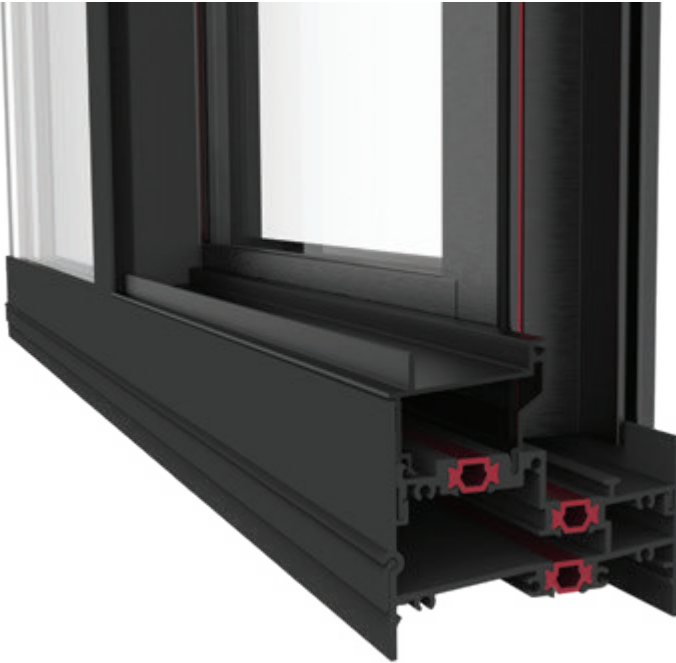
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283
- Water penetration: ASTM E331
- Structural performance: ASTM E330

725 SERIES

THERMALLY BROKEN ALUMINUM HORIZONTAL AND VERTICAL SLIDING WINDOWS

FEATURES

- 4” deep system
- Side slider, single hung, double hung and fixed configurations available
- Glass reinforced nylon thermal break
- Split finish options
- Sill weep system allows for internal drainage
- Glazed with 1” sealed unit glazing
- Integrated flyscreen
- Spring loaded locking mechanism to automatically latch when closed



COMPATIBILITY

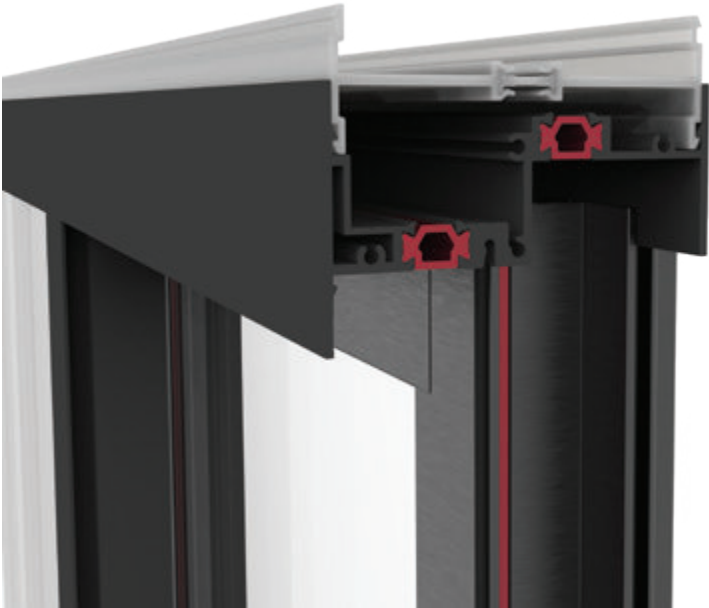
- Compatible with all Windspec doors:**
- Curtainwall adapter available to suite 1” glazing cavity
 - Fixed, side slider and vertical hung combinations available

MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break polyamide 6.6, 25% glass fiber reinforced
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



725 DOUBLE HUNG



725 SIDE SLIDER



Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT
Air Infiltration @ 75 Pa	<1.5 L/s m2 (<0.3 cfm/ft2)	Pass
Air exfiltration @ 75 Pa	<1.5 L/s m2 (<0.3 cfm/ft2)	Pass
Static Water Penetration	No Leakage @ 730 Pa	Pass
Structural Design	No permanent damage @ 5040 Pa	Pass
Forced Entry	Remove all exterior fasteners using common tools within 5-minute period	Pass

***Please inquire with your sales rep or specific configurations

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283
- Water penetration: ASTM E331
- Structural performance: ASTM E330

925 RS

HIGH THERMAL PERFORMANCE RAIN-SCREEN

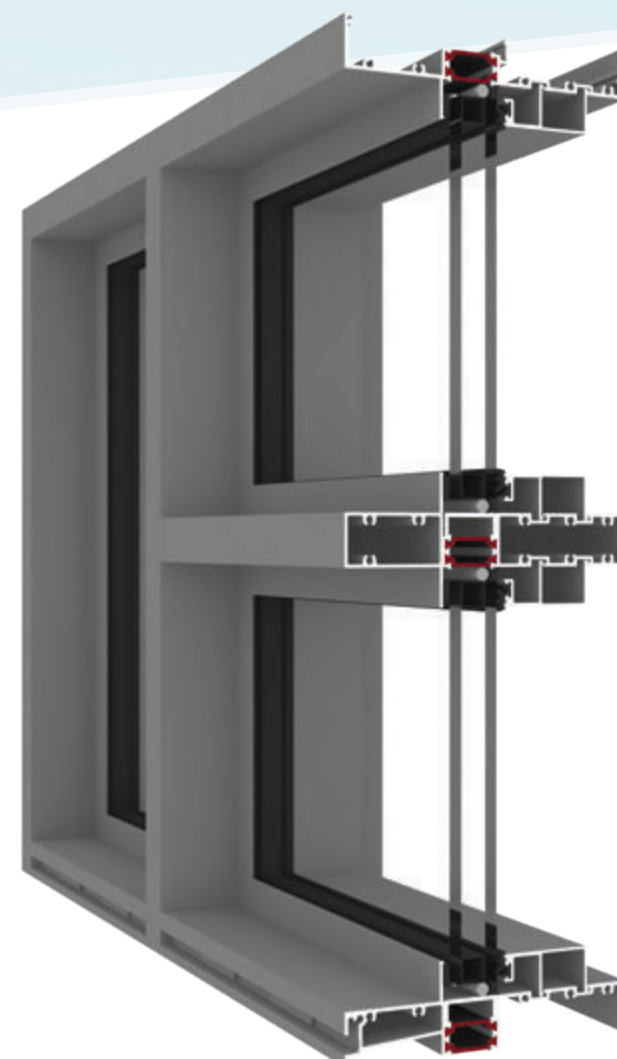


FEATURES

- 1" thick profile with 3/4" glazing fins
- Available frame depths: 6" and 7"
- Compatible with 1" double glaze and 1-3/4" triple glaze thickness
- Other glazing thicknesses available upon request
- Integrated exterior panning ideal for retrofit projects
- Pressure equalized rain-screen design
- Glass reinforced thermal break allows for exceptionally high thermal performance without affecting the structural integrity of the system
- Custom gaskets and components used to optimize performance of the system
- Thermal simulations conducted as per NFRC

BENEFITS

High thermal performance rain-screen window ideal for institutional and high end residential projects



COMPATIBILITY

Compatible with:

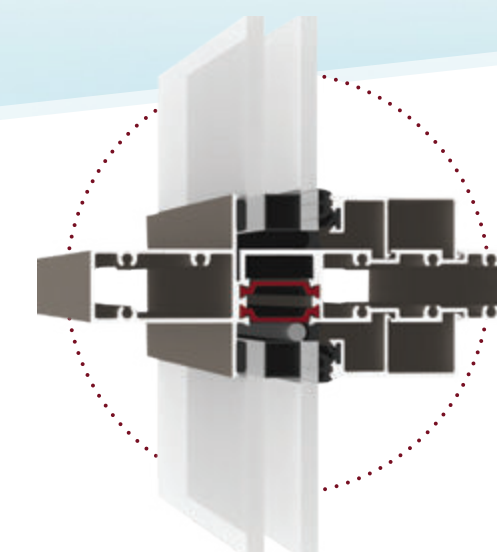
- Windspec 535 Operable Windows (Awning, Hopper, Casement)
- Windspec 575 Frameless Awnings
- Windspec 925 Side Slider
- Windspec 925 Double Hung
- Windspec 1-7/8" louvers

MATERIALS

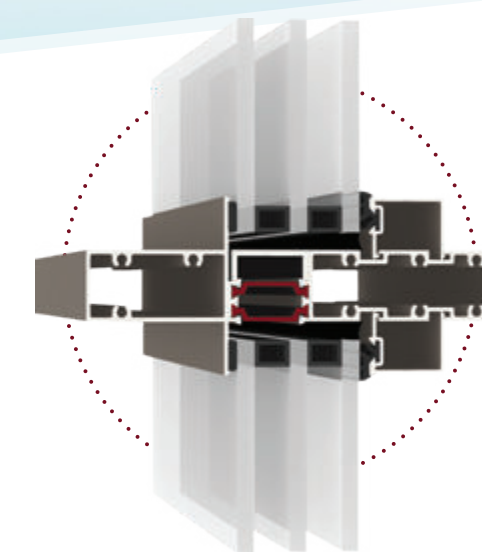
- All aluminum to be 6063-T6 tempered
- Thermal break polyamide 6.6, 25% glass fiber reinforced
- Interior / exterior glazing gaskets: extruded EPDM - 60 durometer
- Aluminum and stainless steel anchors and fasteners

FINISHES

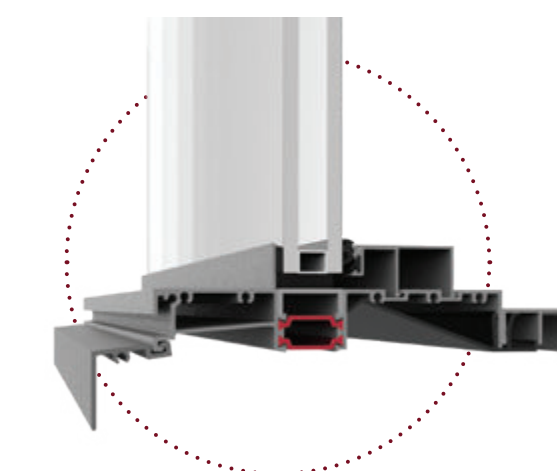
- 2 Color options available (interior/exterior)
- Standard anodize finishes available in class I (0.0004) and class II (0.0007)
- Clear anodize (.0004),
- Clear anodize (.0007),
- #40 bronze (.0007),
- #26 Light Bronze (.0007),
- Black (.0007)
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat), Duranar (2 coat), Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



Double Glazed Capped



Triple Glazed Capped



Optional Extruded Panning and Trim Systems

Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air Infiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	0.1 L/s m2	FW-AW Fixed
Air exfiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	0.1 L/s m2	FW-AW Fixed
Static Water Penetration	No Leakage @ 730 Pa	Pass	FW-AW 100
Structural Design	No permanent damage @ 5040 Pa	Pass	FW-AW 70
Forced Entry	Remove all exterior fasteners using common tools within 5 minutes	No removable exterior fixtures	Grade 20
Thermal Transmittance	N/A	Double glazed* - 0.30 Triple glazed* - 0.19	N/A

*Based on double glazed unit with Center of Glass U value of 0.24

**Based on triple glazed unit with Center of Glass U value of 0.12

Vertical Slider Window

Side Slider Window

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283
- Water penetration: ASTM E331
- Structural performance: ASTM E330

LOUVERS

ALUMINUM EXTRUDED LOUVER SYSTEMS

FEATURES

- 1-7/8" blade for equal leg inserts and window integration
- 2-1/4" blade for bypass system and curtainwall integration
- 3-1/4" curtainwall insert system (uses 2-1/4" blades)
- 2-1/2 - 2-3/4" blade spacing
*Custom spacing upon request
- Compatible with various window, curtainwall and storefront systems

BENEFITS

- Seamless horizontal blades resist water infiltration while allowing air exfiltration
- Covering large spans allow concealing of exhaust from mechanical units
- Flexible design options allow for insert into windows, curtainwall or use as a standalone system
- Insect or bird screens are also available and can easily be applied to the louver frame



1875 Louver insert
1-7/8" deep



325 Louver curtain wall insert
3-1/4" deep
(shown in 5400 HTP curtainwall)

MATERIALS

- All aluminum to be 6063-T6 tempered

FINISHES

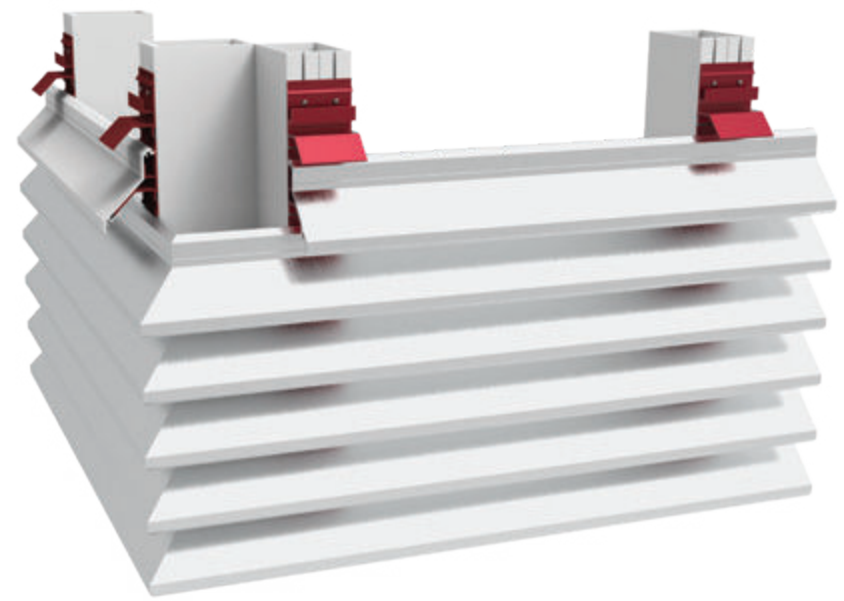
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available:
Duracron (one-coat)
Duranar (2 coat)
Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decorall USA)



1875 Louver blades
1-7/8" deep
(shown integrated with 925rs)



325 Bypass Louvers
2-1/4" deep blades
(shown with SSG curtainwall)

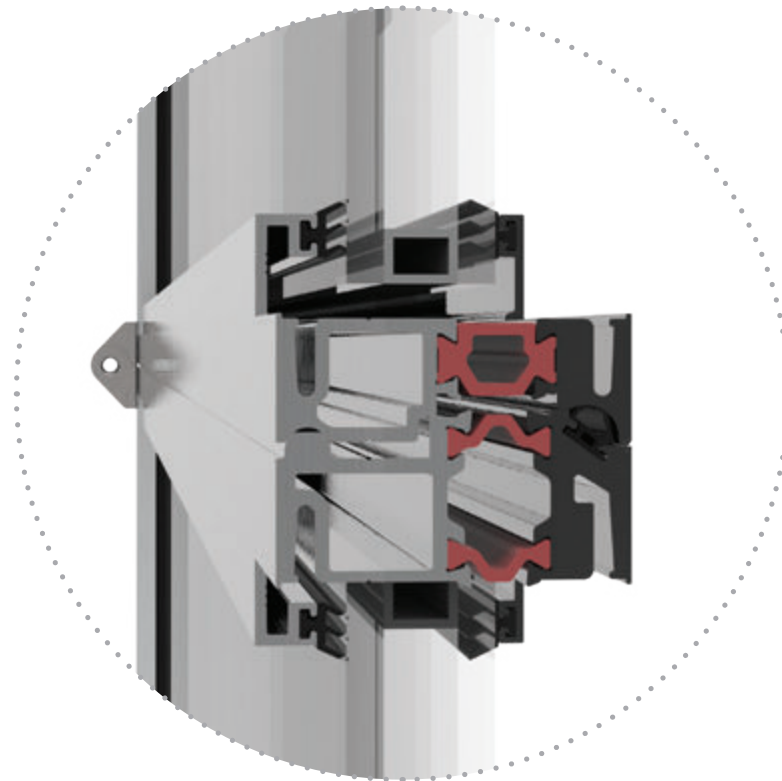


WINDLYFT HTP

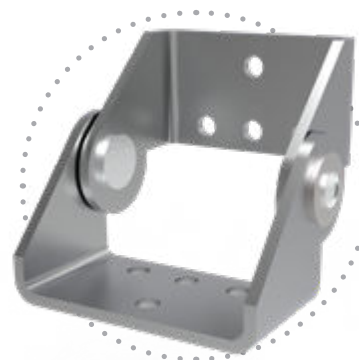
HIGH THERMAL PERFORMANCE CUSTOMIZABLE ARCHITECTURAL ALUMINUM GLASS GARAGE DOORS

FEATURES

- Crafted with reinforced, heavy-gauge architectural aluminum for unmatched strength and high thermal performance
- WindLyft HTP garage doors contain an industry first glass-reinforced nylon thermal barrier
- Architectural aluminum construction: a robust 2-inch deep aluminum frame ensures long-lasting, low-maintenance performance with a modern look
- Streamlined appearance: sleek 3-inch sightlines offer a contemporary design while maximizing visibility
- Weather-resistant seals: precision-engineered section joints prevent air and water infiltration, ensuring reliable performance in any climate
- Reinforced durability: enhanced structural reinforcements deliver added strength, particularly for larger double-door models
- Additional reduction of exterior noise
- Color matching hardware available
- Single or sealed units glazing available
- Endless color and glass options



WindLyft Custom
Color Match Hinges



MATERIALS

- All aluminum to be 6063-T6 tempered
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer
- Thermal Break polyamide 6.6, 25% glass fiber reinforced

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat), Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)

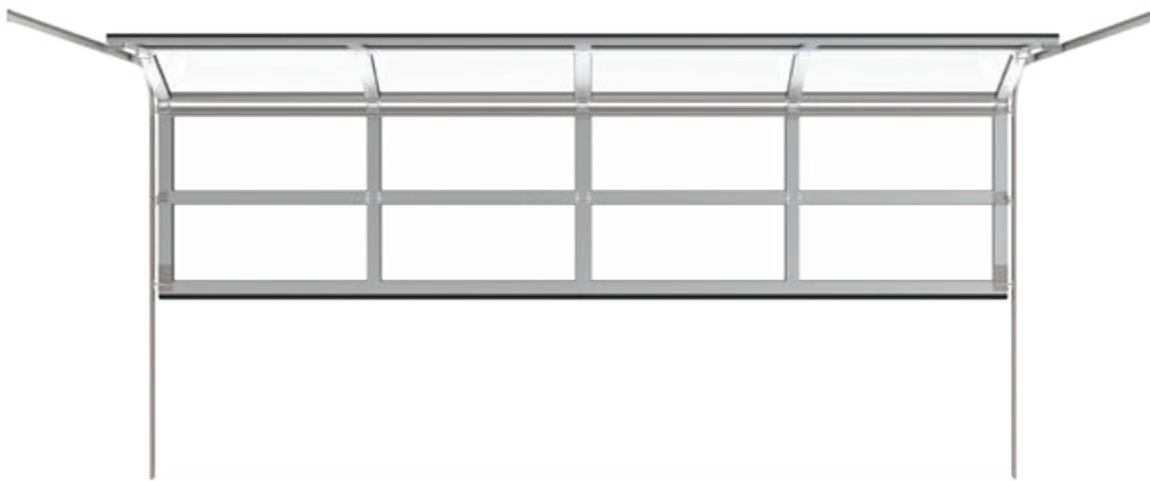
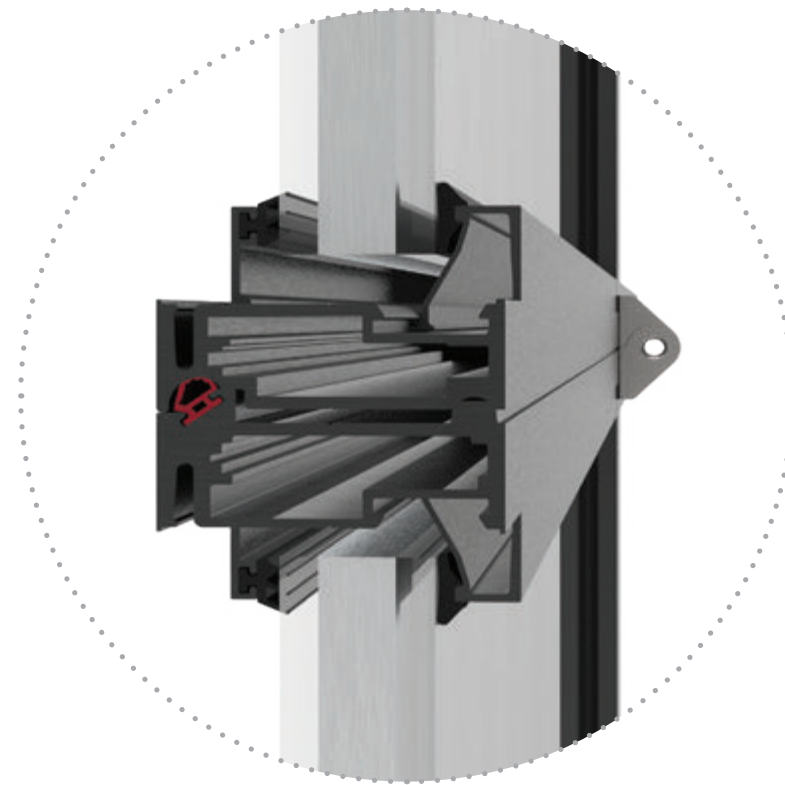


WINDLYFT S

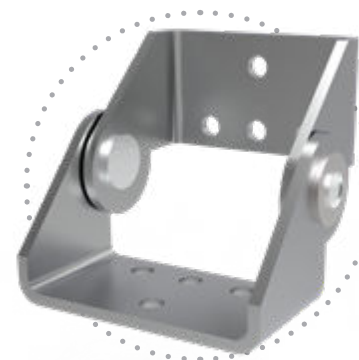
CUSTOMIZABLE ARCHITECTURAL ALUMINUM GLASS GARAGE DOORS

FEATURES

- Architectural aluminum construction: a robust 2-inch deep aluminum frame ensures long-lasting, low-maintenance performance with a modern look.
- Streamlined appearance: sleek 3-inch sightlines offer a contemporary design while maximizing visibility.
- Weather-resistant seals: precision-engineered section joints prevent air and water infiltration, ensuring reliable performance in any climate.
- Reinforced durability: enhanced structural reinforcements deliver added strength, particularly for larger double-door models.
- Additional reduction of exterior noise.
- Color matching hardware available.
- Single or sealed units glazing available
- Endless color and glass options.



WindLyft Custom
Color Match Hinges



MATERIALS

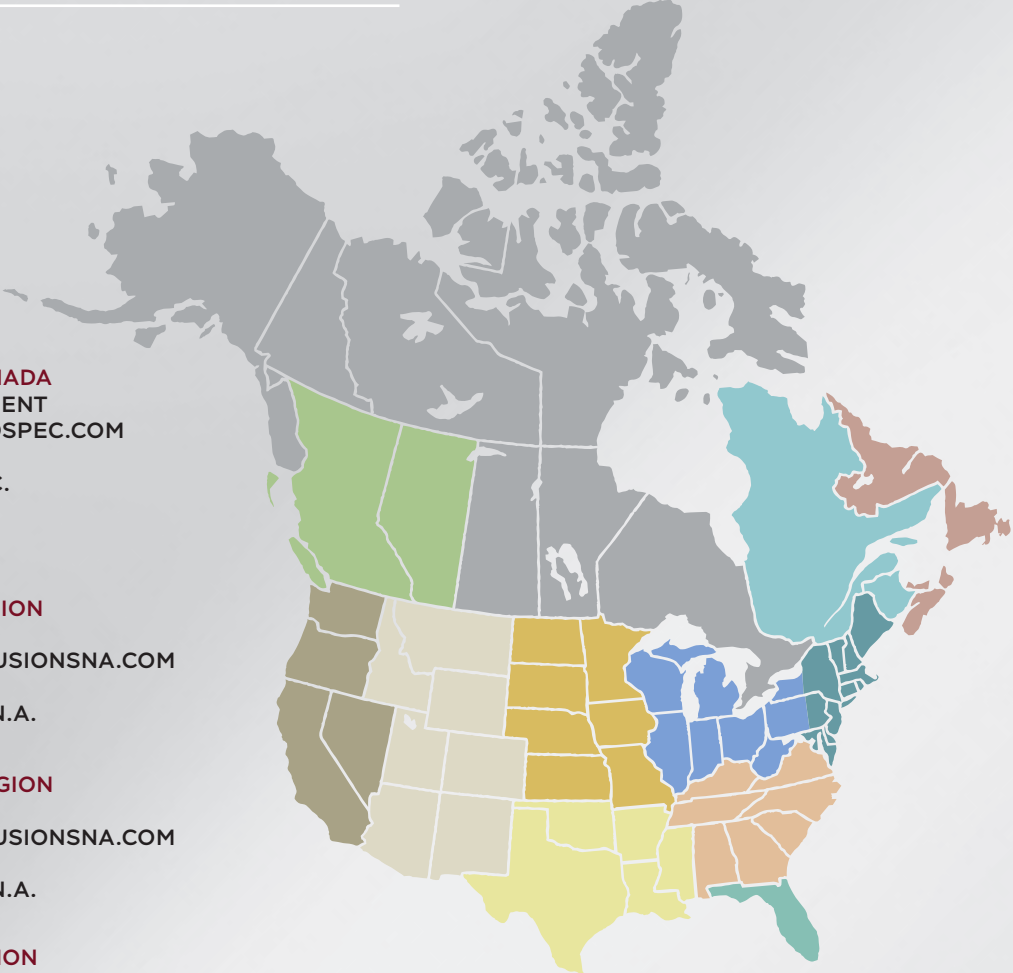
- All aluminum to be 6063-T6 tempered
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat) Duranar (2 coat) Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



CONNECT WITH US.



WESTERN CANADA
AARON ELLEMENT
AARON@WINDSPEC.COM
604.817.2545
WINDSPEC INC.

WESTERN REGION USA
SALES@EXTRUSIONSNA.COM
216.533.2266
EXTRUSIONS N.A.

MOUNTAIN REGION USA
SALES@EXTRUSIONSNA.COM
216.533.2266
EXTRUSIONS N.A.

MIDWEST REGION USA
MATT GARY
216.408.5600
EXTRUSIONS N.A.

SOUTHWEST REGION USA
TYLER EVANS
440.382.1334
EXTRUSIONS N.A.

CANADA ONTARIO
INFO@WINDSPEC.COM
WINDSPEC INC.
HEAD OFFICE
905.738.8311

QUEBEC NEW BRUNSWICK
YVES MAYER
MAYER ALUMINUM
437.477.5622

NEWFOUNDLAND PEI NOVA SCOTIA
RICK THOMAS
THOMAS ARCHITECTURAL
902.441.3488

GREAT LAKES REGION USA
DON EVANS
EXTRUSIONS N.A.
216.533.2266

EAST COAST USA
MIKE GARY
EXTRUSIONS N.A.
216.409.1254

SOUTH EAST USA
SHANE WALSH
EXTRUSIONS N.A.
216.244.6228

FLORIDA USA CARIBBEAN
ADAM ANAVA
AALCOR
954.260.9126



WINDSPEC INC.

INFO@WINDSPEC.COM
905-738-8311
1-800-656-6616

1310 CREDITSTONE RD.
CONCORD, ON L4K 5T7

WINDSPEC.COM

ADAPT

INNOVATE

DELIVER