



North Tech
WINDOWS AND DOORS



ABOUT US

As a sub-company of NorthTech Group, Beijing NorthTech Windows, which is devoted to digital technology and scientific research, is a systematic manufacturer of high-quality aluminum products, including energy-saving thermally broken aluminum windows and doors, curtain walls and so on. Located on the east coast of China and close to the main seaports, it is one of the largest factories with an area of 35,000 square meters. Annual production capacity is 400,000 square meters of windows and doors. It is equipped with top-class processing machines, such as imported automatic processing equipment of Anmei Bestar, online production of sawing center, CNC processing center, Belgian JOOPS design software and others, in order to meet the high precision and fast lead time requirement from high-end commercial and residential projects globally.

Our products meet and exceed the quality standards of North American NAFS, CSA, and European CE. We consistently strive to provide the finest, most energy-saving, hurricane-resistant products architecturally. With our Energy Star awarded windows and doors, customers not only get pleasant green buildings, but also get an allowance from the government of up to 8000 USD.

Customer satisfaction is our objective. We sincerely invite you to experience private high-end products by sending us estimation requests.

CERTIFICATION

QAI LABORATORIES
TESTING SERVICES

CLIENT: Beijing North Tech Glass Co. Ltd.
#0202-1129131 Georgia Street
Vancouver, British Columbia

Test Report No: BUR0009-GW-C Issue Date: May 15, 2023

SAMPLE ID: Beijing North Tech Glass Co. Ltd. N152 Series Lift and Slide Sliding Door

SAMPLING DETAIL: Test sample information was submitted directly to CAI for evaluation.

DATE OF RECEIPT: Documentation was received between February 13, 2023 and May 2, 2023 from Beijing North Tech Glass Co. Ltd.

TESTING PERIOD: Evaluation was conducted between May 2, 2023 and May 8, 2023.

AUTHORIZATION: Proposal 23M701202 signed by Dong Cai on February 10, 2023.

TEST PROCEDURE: Thermal simulation evaluation was performed following the methods outlined in the following standard:
CSA A440.2-19 Fenestration Energy Performance.

TEST RESULTS: Based on evaluation conducted by QAI, energy performance values for N152 Series Lift and Slide Sliding Door are as listed in the Test Results section of this report for glazing options evaluated.

Prepared By: *Jin R. Bost* Reviewed By: *Neil Dumont*

Jin Bost Project Manager Neil Dumont Fenestration Reviewer

Signed for and on behalf of QAI Laboratories, Ltd.

Test Report - Products
Fenestration - Windows

TÜV Rheinland

Test report no.: 80079808-01 Order No.: 80079800 Page 1 of 9
Fenestration no.: PD no. 1647842 Order date: 2024-01-24 Page 1 von 9
Client Reference No.: K162818101 Order date: 2024-01-24
Client: Beijing North Tech Windows Co., Ltd.
No.3 Shuangshine Road, Deyangman, Xibei District, Beijing, China

Test item: Sliding Door

Test category: 152 series

Identification Type No.: 152 series

Order reference: Tests which have been performed in order to establish whether or not the building product meets the applicable requirements of EN 14353-1.

Test specification: EN 14353-1:2008 + A2:2018*

7 additional spec: Windows and doors - Product standards, performance characteristics - Part 1, windows and external pedestrian doors

Date of sample receipt: 2023-12-04

Test sample No.: QCI-2023-0149H

Test specification: 3005-13-04 - 3005-13-08

Place of testing: Gaoxian City, Hebei Province

Testing laboratory: CVSR

Test results: Pass

Tested by: gaoxian@cvsr.com.cn

Issue date: 2024-02-07

Authorised by: gaoxian@cvsr.com.cn

Position / function: Expert TÜV Rheinland (Shanghai) Co., Ltd. Position / function: Expert TÜV Rheinland Nederland B.V.

Others: Tests were performed at the laboratory of China Academy of Building Research (CABR, 38 North Zhongyuan Road, Beijing, China) and the laboratory of TÜV Rheinland (Shanghai) Co., Ltd.

CERTIFICATE
Certified Passive House Component
Component ID: 1361 valid until 31st December 2023

Passive House Institute
Dr. Wolfgang Feist
69369 Darmstadt, Germany

Category: Window Frame
Manufacturer: Beijing North Tech Glass Co. Ltd
Beijing, China

Product name: ES91

This certificate was awarded based on the following criteria for the warm, temperate climate zone

Comfort $U_{w,trans} \leq 1.00 \text{ W/(m}^2 \cdot \text{K)}$
 $U_{w,trans} \leq 1.05 \text{ W/(m}^2 \cdot \text{K)}$
with $U_{g,trans} = 0.90 \text{ W/(m}^2 \cdot \text{K)}$

Hygiene $f_{w,trans} \geq 0.65$

Passive House efficiency class: μ_{E} , μ_{D} , μ_{C} , μ_{B} , μ_{A}

www.passivehouse.com

NFRC Product Certificate of Authorization

Manufacturer: Beijing North Tech Group LTD
Street: Room 315, 3/F, Building 6
City/State/Zip: Beijing, China 100000

Product Series: N8000 Dual Action Window
Product Type: DATT

Simulation Lab: SAT1 Test Lab: TAT1
Sim Report #: Q1368-02-116-45 RD Test Report #: Q1367-02-116-44
Sim Report Date: 04/03/2024 Test Date: 01/23/2024
Revised Date: Revised Date:
Auth. Ratings: U-Factor, SHGC, VT, CR Test Method: NFRC 102
Procedural Year: 2017 Procedural Year: 2017

Initial Certification Date: 05/23/2024
Re-Certification Date:
Expiration Date: 01/23/2029

CPD Product Line Number: BNG-44.6
Product Number Range: 00001-00001 to 00001-00001

Comments:
N/A

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized Signature: *[Signature]*

As of May 25, 2024 NFRC Certification Authorization Page 1

intertek
Test quality. Trust us.

Beijing North Tech Group Ltd.

COMPUTER SIMULATION REPORT

SCOPE OF WORK
N152 SYSTEM SLIDING DOOR - NFRC 102/105/500

REPORT NUMBER: 012364-19-119-45 R1
TEST DATE: 09/07/23

ISSUE DATE: 09/07/23 REVISION DATE: 09/20/23

PAGES: 50

DOCUMENT CONTROL NUMBER: R7-B.Z.M.E.R. Int-4044 (04/11/22)
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NFRC Product Certificate of Authorization

Manufacturer: Beijing North Tech Group LTD
Street: Room 315, 3/F, Building 6
City/State/Zip: Beijing, China 100000

Product Series: N8000 System Casement Window
Product Type: CSWV

Simulation Lab: SAT1 Test Lab: TAT1
Sim Report #: Q1368-02-116-45 RD Test Report #: Q1369-02-116-46
Sim Report Date: 04/03/2024 Test Date: 01/23/2024
Revised Date: Revised Date:
Auth. Ratings: U-Factor, SHGC, VT, CR Test Method: NFRC 102
Procedural Year: 2017 Procedural Year: 2017

Initial Certification Date: 05/23/2024
Re-Certification Date:
Expiration Date: 01/23/2029

CPD Product Line Number: BNG-44.6
Product Number Range: 00001-00001 to 00001-00001

Comments:
N/A

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized Signature: *[Signature]*

As of May 25, 2024 NFRC Certification Authorization Page 1

ADVANTAGE





Equilibrium line design and thermally broken insulation structure, using PA66 nylon thermal break spacers, effectively isolates energy exchange between indoor and outdoor environments, providing excellent thermal insulation and heat preservation performance.



Insulated glass effectively blocks sound transmission, further enhancing noise reduction. The entire window can reduce noise levels by at least 35 dB.



Multi-point locking design ensures stronger sealing of doors and windows, providing enhanced security and better anti-theft performance.



The combination of system injection molding technology and internal drainage principles ensures the water tightness of the entire window.



Triple sealing design with multiple soft and hard co-extruded sealing strips effectively ensures the proper operation of the ventilation system.



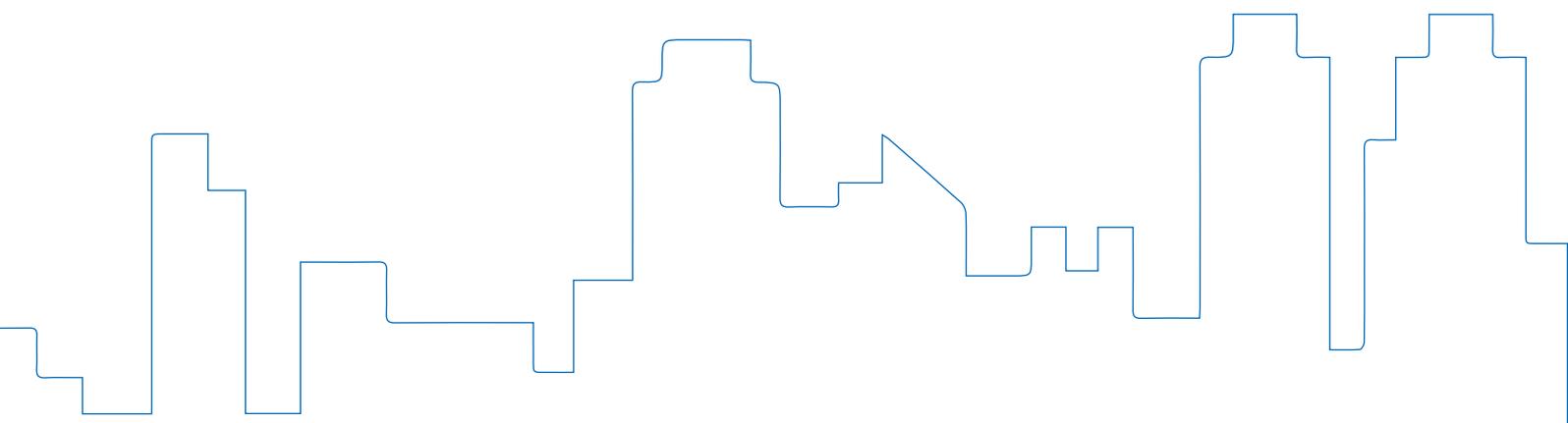
Constructed with high-strength aluminum alloy, offering superior wind pressure resistance and confidently withstanding stormy weather.

DIRECTORY

01

WINDOWS

N8000 Windows Series	01
N8200 Windows Series	02
NJ1380 Aluminum Sliding Window	03
NL8520 Slimline Windows	04
NL8500 Screen-Integrated Doors And Windows	05
Aluminum Cladding Wood Windows & Doors	06
NJ1030/NJ8000 Slimline Inward Opening Aluminum Clad Wood Window	07
NH9700 Slimline Aluminum Clad Wood Window	08
NT91 Passive House Windows	09
NT81 Aluminum Window Series	10



02

DOORS

NP150 Air Tight Side-Push Sliding Door	11
N152 Lift And Sliding Door	12
NY150 Panoramic Sliding Door	13
NZ1250 Slimline Sliding Door	14
NW1400 Multi-Track Sliding Door	15
ND1440 Multi-Track Sliding Door	16
NE110 Passive House Swing Door	17
NZ8000 Folding Door	18
Window Wall	19
Curtain Wall	20
Windows & Doors Process Display	21
Thermal Engineering Diagram	22
Railings	23
Patented Drainage Design	24

03

OTHERS

Options	25-30
Cooperation Partners	31-32
Loading	33
Glance At Workshop	34-36

04

PROJECTS REFERENCE

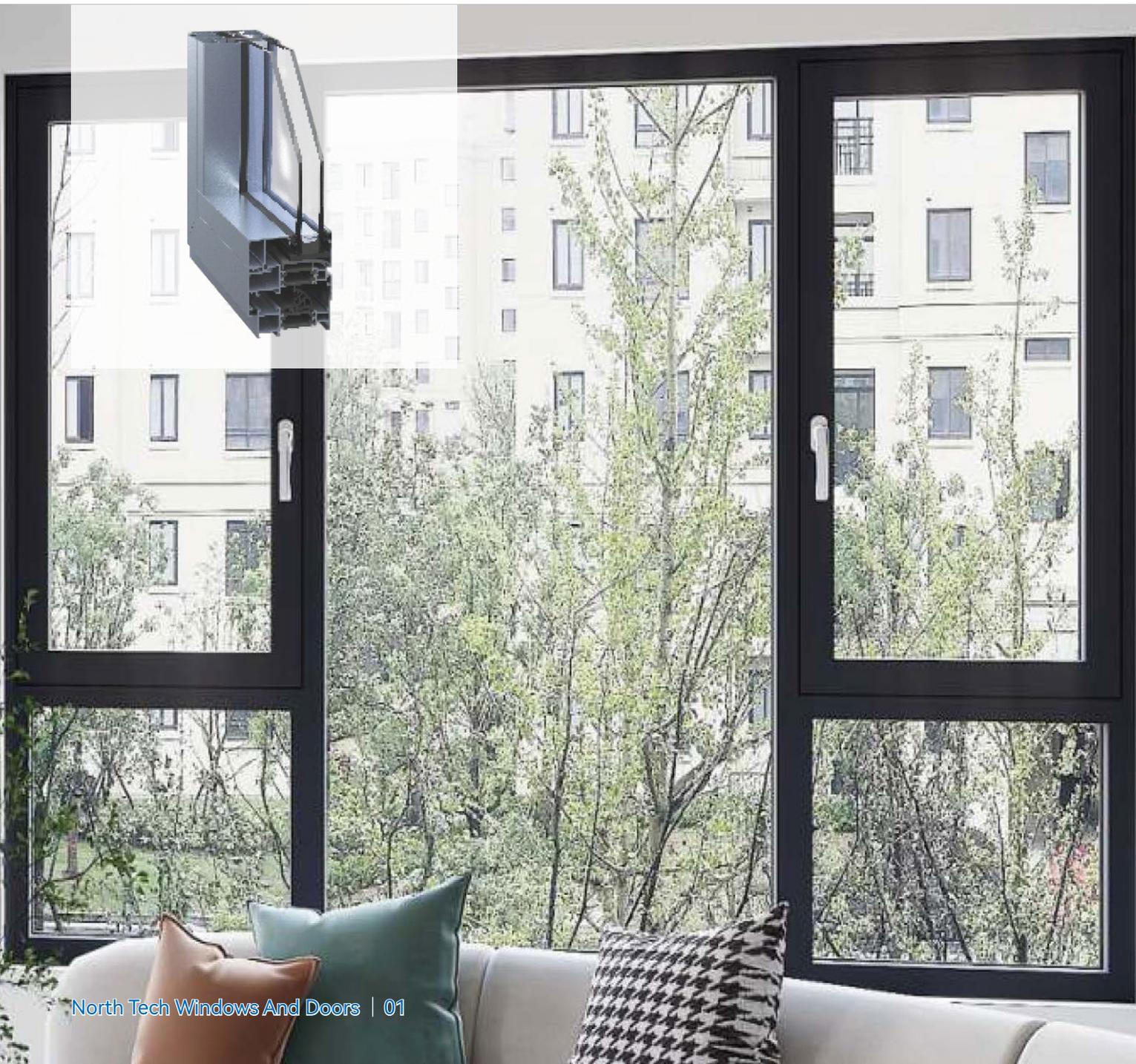
Projects Reference	37-54
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N8000

WINDOWS SERIES



- Thermally Broken Aluminum: 6060-T66/6063-T5
- Profile Thickness: $\geq 1.8\text{mm}/0.07''$
- Thermal Material: 33mm/1.3" PA66
- Finishes: Powder Coating, Anodized, PVDF Painting
- Frame Depth: 70mm/2.8"
- Weather Seal: EPDM
- Glass: Double or Triple Glazed, Low-e Insulating Glass, Argon Filled, TPS Glass
- Hardware: SIEGENIA, HOPPE
- Drainage: Weep Holes
- Styles: Fixed Window, Awning Window, Casement Window, Dual-Action Window, Shaped Window
- Screen: 0.2mm/0.008" Stainless Steel Screen, Fiberglass Screen
- Sound Insulation: $\geq 36\text{dB}$
- Quality Standard: NAFS, NAMI, NFRC, CSA



THERMAL BREAK ALUMINUM WINDOW



N8200

WINDOWS SERIES



- Thermally Broken Aluminum: 6060-T66/6063-T5
- Profile Thickness: $\geq 1.8\text{mm}/0.07\text{''}$
- Thermal Material: 35.3mm/1.4" PA66
- Finishes: Powder Coating, Anodized, PVDF Painting
- Frame Depth: 76mm/3"
- Weather Seal: EPDM
- Glass: Double or Triple Glazed, Low e Insulating Glass, Argon Filled, TPS Glass
- Hardware: SIEGENIA, HOPPE, SOBINCO
- Drainage: Weep Holes/Hidden Hole Drainage
- Styles: Awning Window, Casement Window, Dual-Action Window
- Screen: Stainless Steel Screen, Fiberglass Screen

ALUMINUM SLIDING WINDOW

NJ1380

ALUMINUM SLIDING WINDOW



- Thermally Broken Aluminum: 6063-T5/6060-T66
- Profile Thickness: 1.8mm/0.07"
- Surface Sight Line: 35mm/1.3" (Frame+Sash)
- Finishes: Powder Coating, Anodized, PVDF Painting
- Frame Depth: 138mm/5.4"

- Weather Seal: EPDM
- Glass: Double or Triple Glazed, Low e Insulating Glass, Argon Filled, TPS Glass
- Drainage: Hidden Hole Drainage
- Screen: 0.4mm/0.02" Sliding Stainless Steel Screen

SLIMLINE WINDOW SERIES

NL8520

SLIMLINE WINDOWS



- Thermally Broken Aluminum: 6060-T66/6063-T5
- Profile Thickness: 2mm/0.07"
- Thermal Material: 35.3mm/1.39" PA66
- Hardware: SIEGENIA, SOBINCO
- Finishes: Powder Coating, Anodized, PVDF Painting
- Surface Sight Line: 48mm/1.8"
- Frame Depth: 85mm/3.34"
- Weather Seal: EPDM
- Glass: Double or Triple Glazed, Low-e Insulating Glass, Argon Filled, TPS Glass
- Drainage: Weep Holes
- Styles: Fixed Window, Tilt & Turn Window
- Feature: Slimline Surface
- Quality Standard: NAFS, NAMI, NFRC, CSA



SCREEN-INTEGRATED WINDOWS

NL8500

SCREEN-INTEGRATED DOORS AND WINDOWS

- Thermally Broken Aluminum: 6060-T66/6063-T5
- Profile Thickness: $\geq 1.8\text{mm}/0.07\text{"}$
- Thermal Material: $45.3\text{mm}/1.78\text{"PA66}$
- Finishes: Powder Coating, Anodized, PVDF Painting
- Frame Depth: $85\text{mm}/3.4\text{"}$
- Weather Seal: EPDM
- Glass: Double or Triple Glazed, Low-e Insulating Glass, Argon Filled, TPS Glass
- Hardware: FSB
- Drainage: Weep Holes
- Styles: Fixed Window, Awning Window, Casement Window, Dual-Action Window, Shaped Window
- Screen: $0.2\text{mm}/0.008\text{"}$ Stainless Steel Screen, Fiberglass Screen
- Sound Insulation: $\geq 36\text{dB}$

ALUMINUM CLADDING WOOD WINDOWS & DOORS

- Style: Casement, Awning, Tilt and Turn, Picture, Geometric, Bay or Bow, Single Hinge Door, Double French Door, Sliding Door.
- 8 kinds of rare wood: White Oak, Red Oak, Larch and Pine, Sapele, Cherry, Catalpa, Douglas Fir, Walnut.
- It conforms to the waterproof grade requirements of DINEN204-D3&D4 in Germany.
- Exceed NFRC NAFS CSA standard.



Available in a variety of styles including:

- Awning
- Picture
- Bay or Bow
- Double French Door
- Sliding Door
- Casement
- Tilt&Turn
- Geometric
- Single Hinge Door



ALUMINUM CLAD WOOD WINDOW

NJ1030

SLIMLINE INWARD OPENING ALUMINUM CLAD WOOD WINDOW

- Thermally Broken Aluminum: 6063-T5/6060-T66
- Styles: Picture Window, Tilt&Turn Window, and Other Basic/Special-Shape Windows
- Wood: Red Oak Wood, Cherry Wood, Larch Wood, etc.
- Surface Sight Line: 48mm/1.9"
- Frame Depth: 103mm/4.1"
- Finishes: Aluminium frame Powder Coating, Anodized, PVDF Painting
- Glass: Double or Triple Glazed, Low e Insulating Glass, Argon Filled, TPS Glass
- Hardware: MACO, HOPPE, SOBINCO
- Drainage: Hidden Hole Drainage
- Feature: Slimline Surface Flush



NJ8000

SLIMLINE INWARD OPENING ALUMINUM CLAD WOOD WINDOW

- Thermally Broken Aluminum: 6063-T5/6060-T66
- Styles: Picture Window, Tilt&Turn Window, and Other Basic/Special-Shape Windows
- Wood: Red Oak Wood, Cherry Wood, Larch Wood, etc.
- Frame Depth: 80mm/3.1"
- Finishes: Aluminium frame Powder Coating, Anodized, PVDF Painting
- Glass: Double or Triple Glazed, Low e Insulating Glass, Argon Filled, TPS Glass
- Hardware: HOPPE, SOBINCO
- Drainage: Hidden Hole Drainage



ALUMINUM CLAD WOOD WINDOW



- Wood: American Oak Wood; American Cherry Wood; North American Black Walnut; Burmese Black-Streaked Teak; Burmese Rosewood
- Styles: Tilt&Turn Window, etc.
- Frame Wood Depth: 78mm/3.0"
- Frame Aluminum Depth: 16mm/0.63"
- Frame Overall Thickness: 97mm/3.8"
- Thermally Broken Aluminum: 6063-T5/6060-T66
- Profile Thickness: 1.8mm-2.5mm/0.07"-0.09"
- Hardware: WINKHAUS(Window)+HOPPE or FSB(Handle), ROTO(Door)+HOPPE(Handle)
- Finishes: Aluminium frame Powder Coating, Anodized, PVDF Painting
- Weather Seal: Standard with SLGE wrap-around sealing strip imported from Germany
- Glass: Double or Triple Glazed, Low e Insulating Glass, Argon Filled, TPS Glass
- Screen: Stainless Steel Screen
- Colors: Custom Colors
- Feature: Certified With NAFS, NFRC

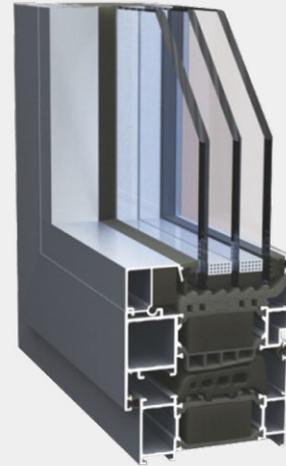
NH9700



SLIMLINE ALUMINUM CLAD WOOD WINDOW

NT91

PASSIVE HOUSE WINDOWS



- Thermally Broken Aluminum: 6060-T66/6063-T5
- Profile Thickness: 1.8mm/0.07", Door 2.2mm/0.08"
- Thermal Material: 54mm/2.1" PA66
- Finishes: Powder Coating, Anodized, PVDF Painting
- Frame Depth: 91mm/3.6"
- Weather Seal: EPDM
- Glass: Double or Triple Glazed, Low e Insulating Glass, Argon Filled, TPS Glass
- Hardware: SIEGENA, ROTO, GU
- Drainage: Hidden Drainage or Weep Holes
- Style: Tilt&Turn Window, Casement Window
- Screen: 0.2mm/0.008", Casement Stainless Steel Screen
- Colors: Custom Colors
- Feature: Passed the German PHI certification, $U_w < 1.0 \text{ W / (m}^2\cdot\text{k)}$ NAFS AND NFRC

PASSIVE HOUSE WINDOW



- Thermally Broken Aluminum: 6060-T66/6063-T5
- Profile Thickness: 1.8mm / 0.17"
- Thermal Material: 44mm / 1.7", PA66
- Finishes: Powder Coating, PVDF Painting, Anodizing
- Styles: Fixed Window, Tilt&Turn Window, Casement Window, Awning Window
- Frame Depth: 81mm / 3.1"
- Weather Seal: EPDM
- Glass: Tempered Double /Triple Pane Low-E Insulating Glass, Argon filled, TPS
- Hardware: SIEGENIA, KINLONG
- Drainage: Weep Holes/ Hidden Hole Drainage
- Bug Screen: Stainless Steel Screen; Fiberglass Screen
- Sightline: Open Sash: 26-31mm/1.02"-1.22" , Frame: 50mm / 1.96"

WINDOW SERIES

NT81

ALUMINUM WINDOW SERIES



THERMAL BREAK ALUMINUM DOOR

NP150

AIR TIGHT SIDE-PUSH SLIDING DOOR



- Thermally Broken Aluminum: 6060-T66 / 6063-T5
- Heat-insulating Strip: 30mm / 1.2", PA66
- Finishes: Powder Coating, PVDF Painting, Anodizing
- Frame Depth: 150mm / 5.9"
- Glass: High Performance Tempered Safety Low-E Insulating Glass
- Hardware: ROTO
- Tracks: 2 Tracks
- Bug Screen: Stainless Steel Sliding Screen; Fiberglass Retractable Screen
- Feature:
- Open Sash Weight: 150kg-400 kg
- Open Sash Width: 1500-3000 mm (59~118")
- Open Sash Height :2000-3600 mm(79~141")
- Class AW-PG40, NAFS, CSA Standard.
- Design Pressure: ± 1920 Pa (± 40 psf)
- Water Penetration: 720 Pa
- Air Tightness: A3
- U factor: 0.2- 0.25 Btu/Hr-Ft²-F
- Drainage Option: Weep Holes



THERMAL BREAK ALUMINUM DOOR

N152

LIFT AND SLIDING DOOR



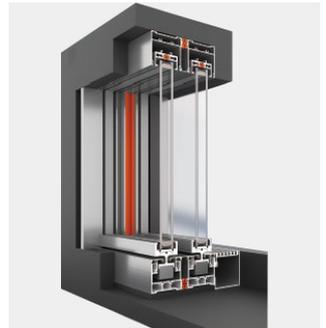
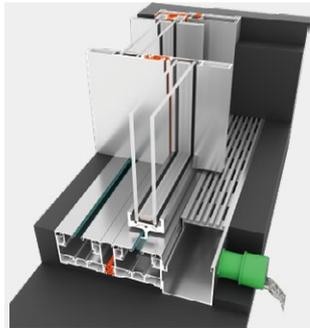
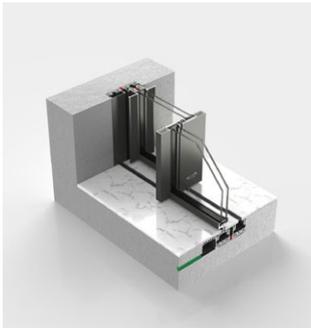
- Thermally Broken Aluminum: 6060-T66/6063-T5
- Heat-insulating Strip: 24mm/0.9"PA66
- Finishes: Powder Coating, Anodized, PVDF Painting
- Frame Depth: 152mm/6"
- Glass: High Performance Low e Insulating Glass, TPS Glass
- Hardware: SIEGENIA, GU
- Tracks: 2 Tracks And 3 Tracks
- Screen: 0.2mm/0.008", Stainless Steel Sliding Screen, Fiberglass Folding Screen
- Door Threshold Height: 56mm/2.2"
- Drainage Option: Weep Holes
- Quality Standard: NAFS, NAMI, NFRC, CSA

PANORAMIC SLIDING DOOR

NY150

PANORAMIC SLIDING DOOR

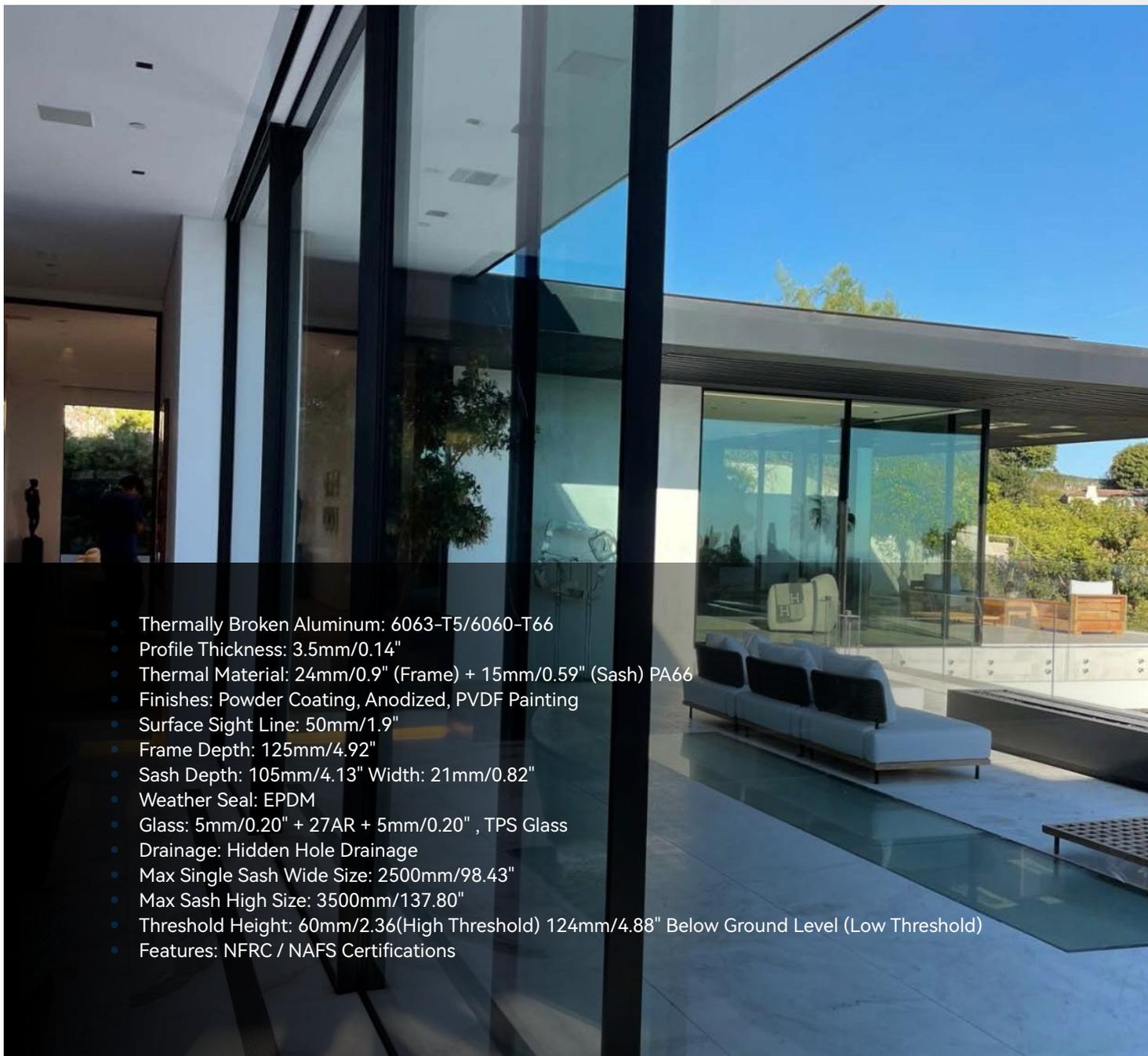
- Sound Insulation Performance: > 35dB
- Water - proof Performance: $\Delta P \geq 600\text{Pa}$
- Air - tightness Performance: $q_n \leq 1.0\text{m}^3/(\text{m} \cdot \text{h})$
- Wind Resistance Performance: $P_3 \geq 3.50\text{kPa}$
- Aluminum Profile: 6063-T5/6060-T66
- Size: 3400*5000mm (133"*196")
- Frame Thickness: 2.5mm/0.10" - 8mm/0.31"
- Frame Width: 150mm/5.91"
- Sightline: 50/24mm (1.97" /0.94")
- Glass Standard: Insulating Glass Tempered, 5mm/0.20" + 18AR + 5mm/0.20" or 8mm/0.31" + 16AR + 8mm/0.31" TPS/ Warm Edge Spacer, Argon
- Warm Edge Material: PA66+GF25-S14.6mm/0.57" or 14.8mm/0.58"
- Sealing Strip: EPDM Sealing Strip
- Treatment: Fluorocarbon Spraying, Powder Coating, Anodizing
- Colors: Custom Colors



THERMAL BREAK ALUMINUM SLIDING DOOR

NZ1250

SLIMLINE SLIDING DOOR



- Thermally Broken Aluminum: 6063-T5/6060-T66
- Profile Thickness: 3.5mm/0.14"
- Thermal Material: 24mm/0.9" (Frame) + 15mm/0.59" (Sash) PA66
- Finishes: Powder Coating, Anodized, PVDF Painting
- Surface Sight Line: 50mm/1.9"
- Frame Depth: 125mm/4.92"
- Sash Depth: 105mm/4.13" Width: 21mm/0.82"
- Weather Seal: EPDM
- Glass: 5mm/0.20" + 27AR + 5mm/0.20" , TPS Glass
- Drainage: Hidden Hole Drainage
- Max Single Sash Wide Size: 2500mm/98.43"
- Max Sash High Size: 3500mm/137.80"
- Threshold Height: 60mm/2.36(High Threshold) 124mm/4.88" Below Ground Level (Low Threshold)
- Features: NFRC / NAFS Certifications

THERMAL BREAK ALUMINUM SLIDING DOOR

NW1400

MULTI TRACK SLIDING DOOR



- Thermally Broken Aluminum: 6060-T66/6063-T5
- Profile Thickness: 2.0mm/0.08"
- Finishes: Powder Coating, Anodized, PVDF Painting
- Frame Depth: 208mm/8"
- Glue: Weiss in Germany
- Weather Seal: EPDM

- Screen: 0.8mm/0.03" Sliding Stainless Steel Screen
- Glass: Double or Triple Glazed, Low-e Insulating Glass, Argon Filled TPS Glass
- Hardware: Top China Brand, SOBINCO
- Drainage: Weep Holes
- Colors: Custom Colors

ALUMINUM SLIDING DOOR

ND1440

MULTI-TRACK SLIDING DOOR



- Magnesia-aluminum Materials
- Profile Thickness: 2.5mm/0.09"
- Finishes: Powder Coating, Anodized, PVDF Painting
- Frame Depth: 91mm/3.5" (Single Track), 137mm/5.3" (Double Tracks), 183mm/7.2" (Triple Tracks)
- Glass: Double or Triple Glazed, Low e Insulating Glass, Argon Filled, TPS Glass
- Hardware: Top China Brand
- Max Width: 1150mm/45"
- Max Height: 2600mm/102"





PASSIVE HOUSE WINDOW AND DOOR

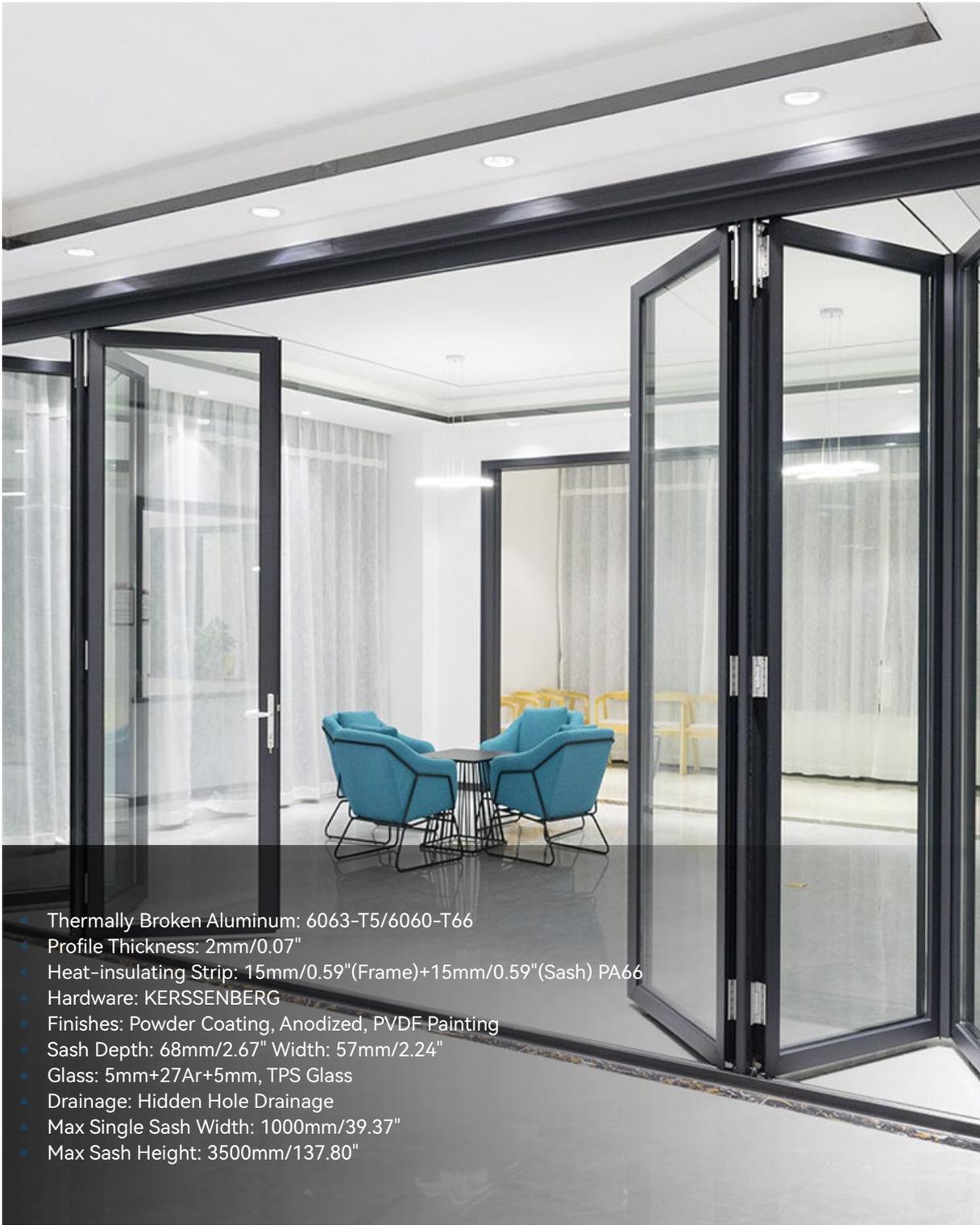
NE110

PASSIVE HOUSE SWING DOOR



- Thermally Broken Aluminum: 6060-T66/6063-T5
- Profile Thickness: 2.2mm/0.09"
- Thermal Material: 64mm/2.5" PA66
- Finishes: Powder Coating, Anodized, PVDF Painting
- Frame Depth: 110mm/4.3"
- Glue: Weiss in Germany
- Weather Seal: EPDM
- Glass: Double or Triple Glazed, Low e Insulating Glass, Argon Filled, TPS Glass
- Hardware: SIEGENIA, HOPPE, ROTO
- Drainage: Weep Holes
- Screen: 0.2mm/0.008", Casement Stainless Steel Screen
- Colors: Custom Colors
- Feature: Certified by German PHI $U_w < 0.8 \text{ w/m}^2.k$

ALUMINUM FOLDING DOOR



- Thermally Broken Aluminum: 6063-T5/6060-T66
- Profile Thickness: 2mm/0.07"
- Heat-insulating Strip: 15mm/0.59"(Frame)+15mm/0.59"(Sash) PA66
- Hardware: KERSENBERG
- Finishes: Powder Coating, Anodized, PVDF Painting
- Sash Depth: 68mm/2.67" Width: 57mm/2.24"
- Glass: 5mm+27Ar+5mm, TPS Glass
- Drainage: Hidden Hole Drainage
- Max Single Sash Width: 1000mm/39.37"
- Max Sash Height: 3500mm/137.80"

NZ8000



FOLDING DOOR

WINDOW WALL



Thermal Insulation: $U \leq 0.3 \text{ BTU/h} \cdot \text{ft}^2 \cdot \text{F}$

Acoustic Performance: $>35 \text{ dB}$

Air Tightness: A3

Water Penetration: $\geq 600 \text{ pa}$

Wind Load Resistance: $\geq 0.5 \text{ Kpa}$

Sight Line View: $55 \text{ mm} / 2.2''$

Finishes: Powder Coating, Anodized, PVDF Painting

Glass: Double or Triple Glazed, Low e Insulating Glass Argon Filled, TPS Glass

Hardware: SIEGENIA, ROTO, HOPPE, GU

Screen: Fiber Glass Screen



CURTAIN WALL

A fully structurally glazed system gives the appearance of a frameless glass facade. Double glazed as standard, With triple panel option. Sun shade bracket system allows the fixing of shading products to the frame without sacrificing structural or water performance. Proprietary mullion and building brackets provide a fully tested system.

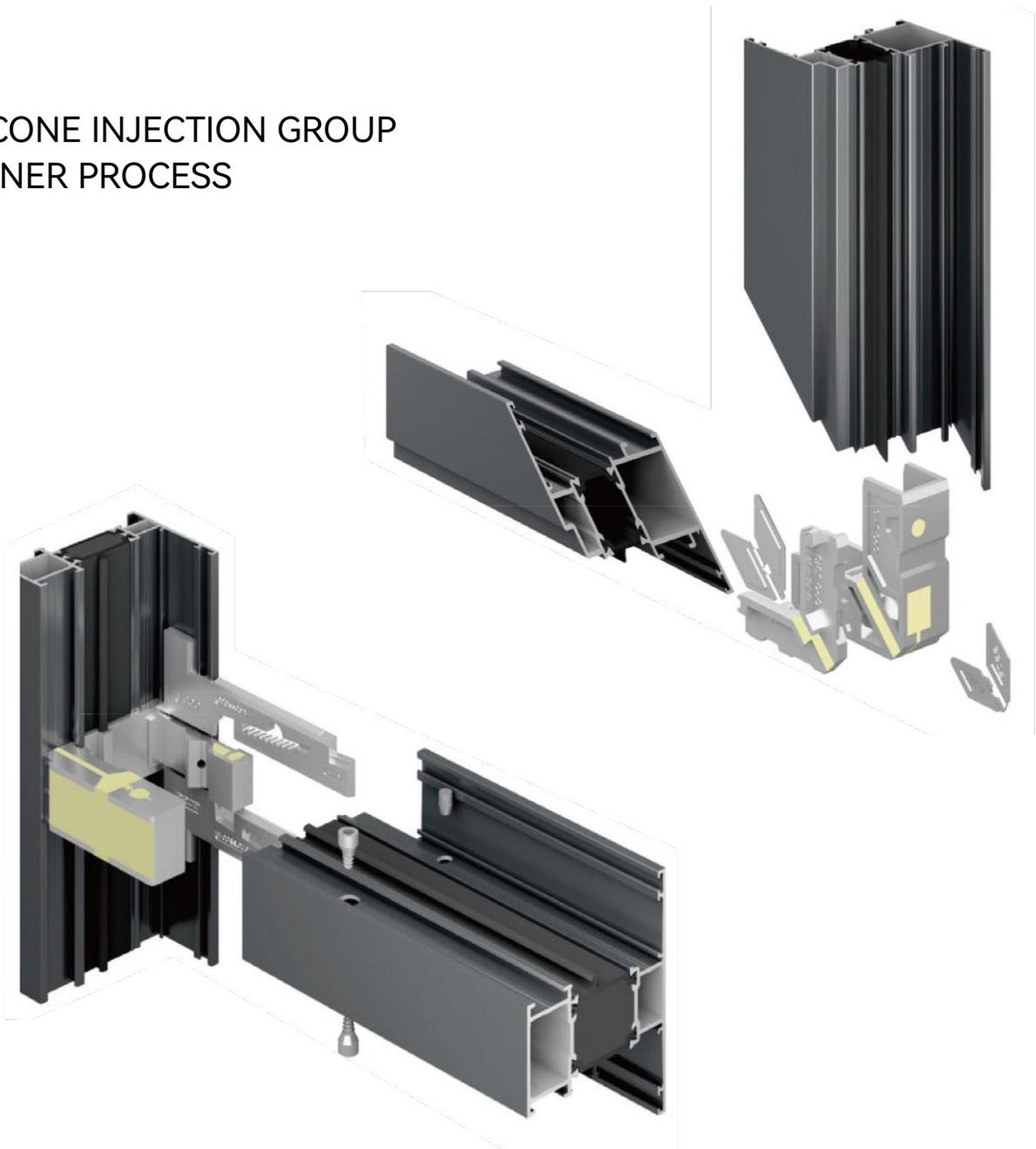
- Stick Curtain Wall
- Store Front
- Customized
- AW&CW Level
- Energy Efficient
- Coatings: PVDF Painting/Anodizing/Powder Coating
- Low e IG Unit IGCC SGCC
- European&U.S. Brand Hardware
- Thermal Break Aluminum

PERFORMANCE&SPECIFICATIONS:

- Class/AAMA Rating: AW-PG40
- U-Value: Custom
- STC \geq 38dB
- Water Resistance-Pass @28.20 psf
- Design Wind Pressure $=\pm 40.0\text{ps} [(\pm 1.914\text{kPa})]$
- Mullion Thickness: 3.0 mm
- 6063-T5 Aluminum Material, Anodized, Powder Coating, PVDF Painting

WINDOWS & DOORS PROCESS DISPLAY

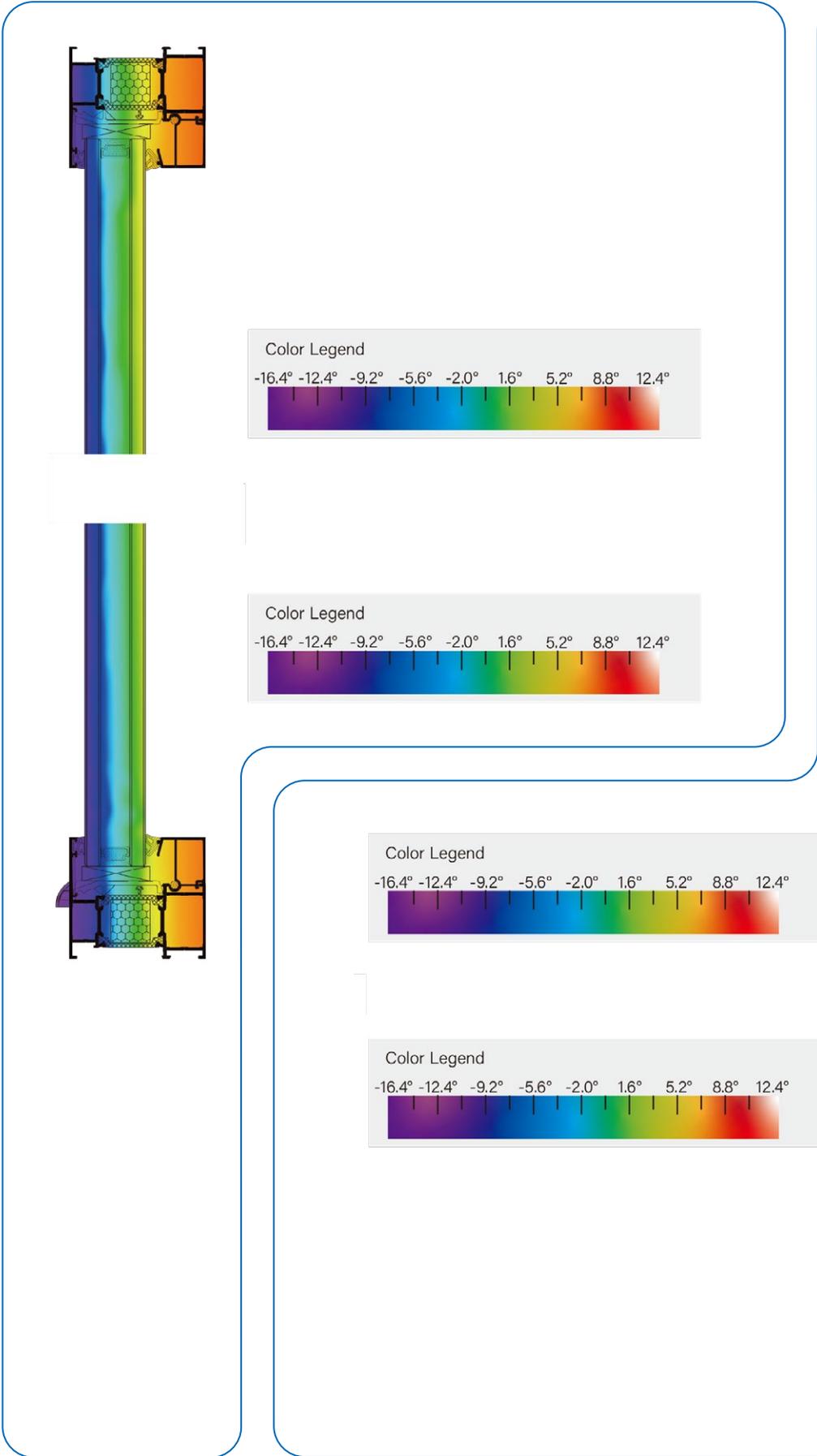
SILICONE INJECTION GROUP CORNER PROCESS



CENTRE POST T-LINK TECHNOLOGY

- Centre Post T-Link Technology adopts North Tech patented technology and uses high pressure die casting aluminum alloy T- Link fittings, which realizes the pin connection and silicone injection process and enhances the connection strength and sealing performance.
- L-shaped locking corner connector further improves the strength and distortion resistance of the connection part, so as to increase the wind load resistance and watertightness of windows and doors.

THERMAL ENGINEERING DIAGRAM



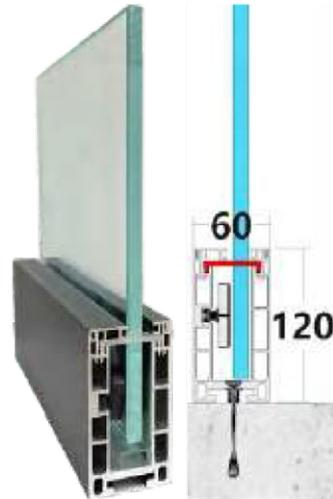
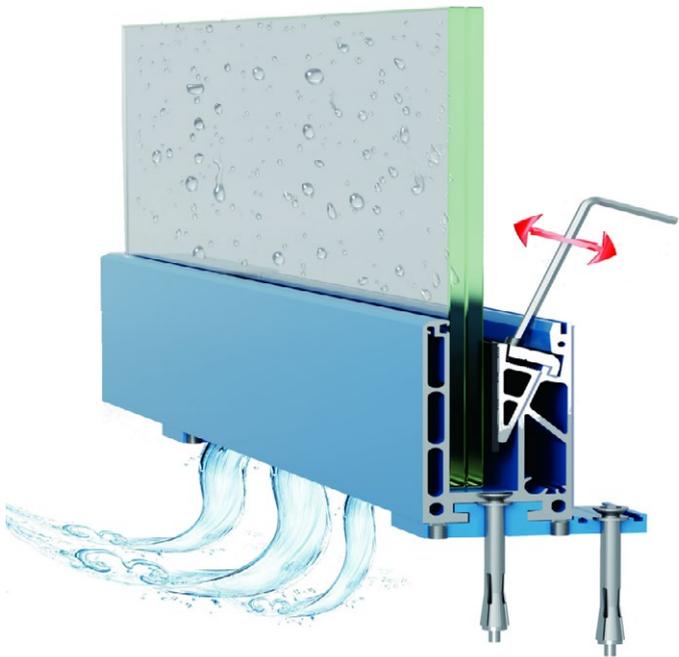
RAILINGS



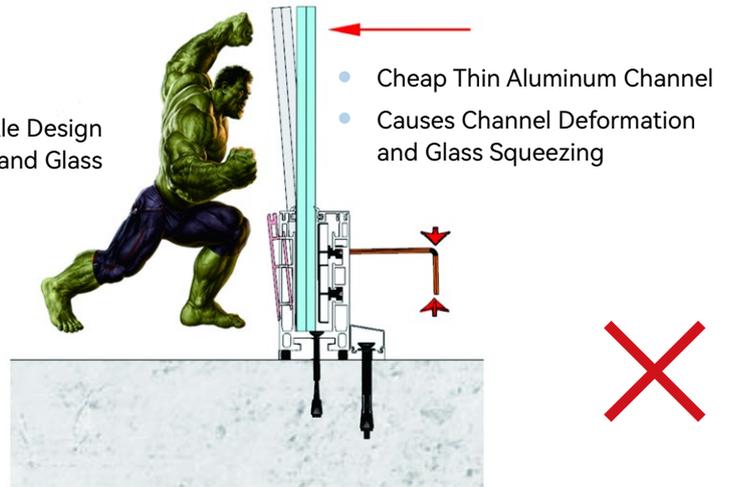
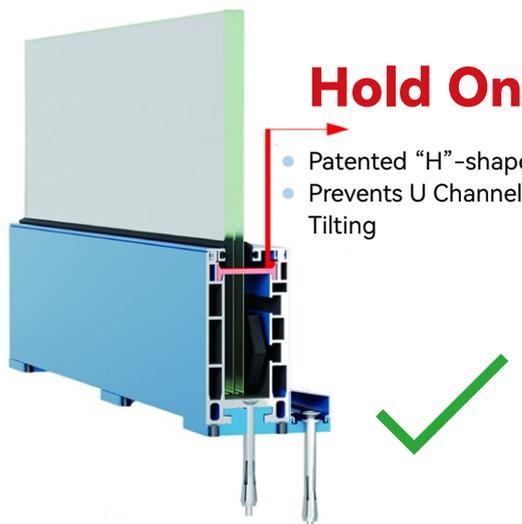
CERTIFIED BALUSTRADES FOR BALCONY RAILINGS

Make a balcony or roof terrace safe and extra beautiful with a balcony railing design that fits your needs. Choose from glass balustrades, stainless steel railings or balcony balustrades with aluminum balusters.

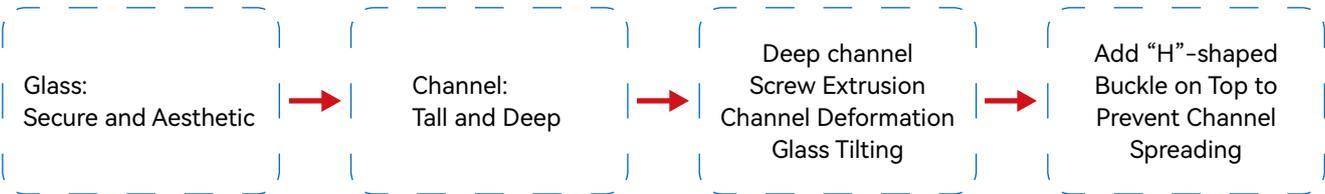
PATENTED DRAINAGE DESIGN



- Ensure Smooth Rainwater Drainage
- Prevent Bacterial And Mosquito Breeding
- Avoid Water Immersion Of Light Strips
- Enhanced Stability With Dual Rows Of Screws



Design Mind Map



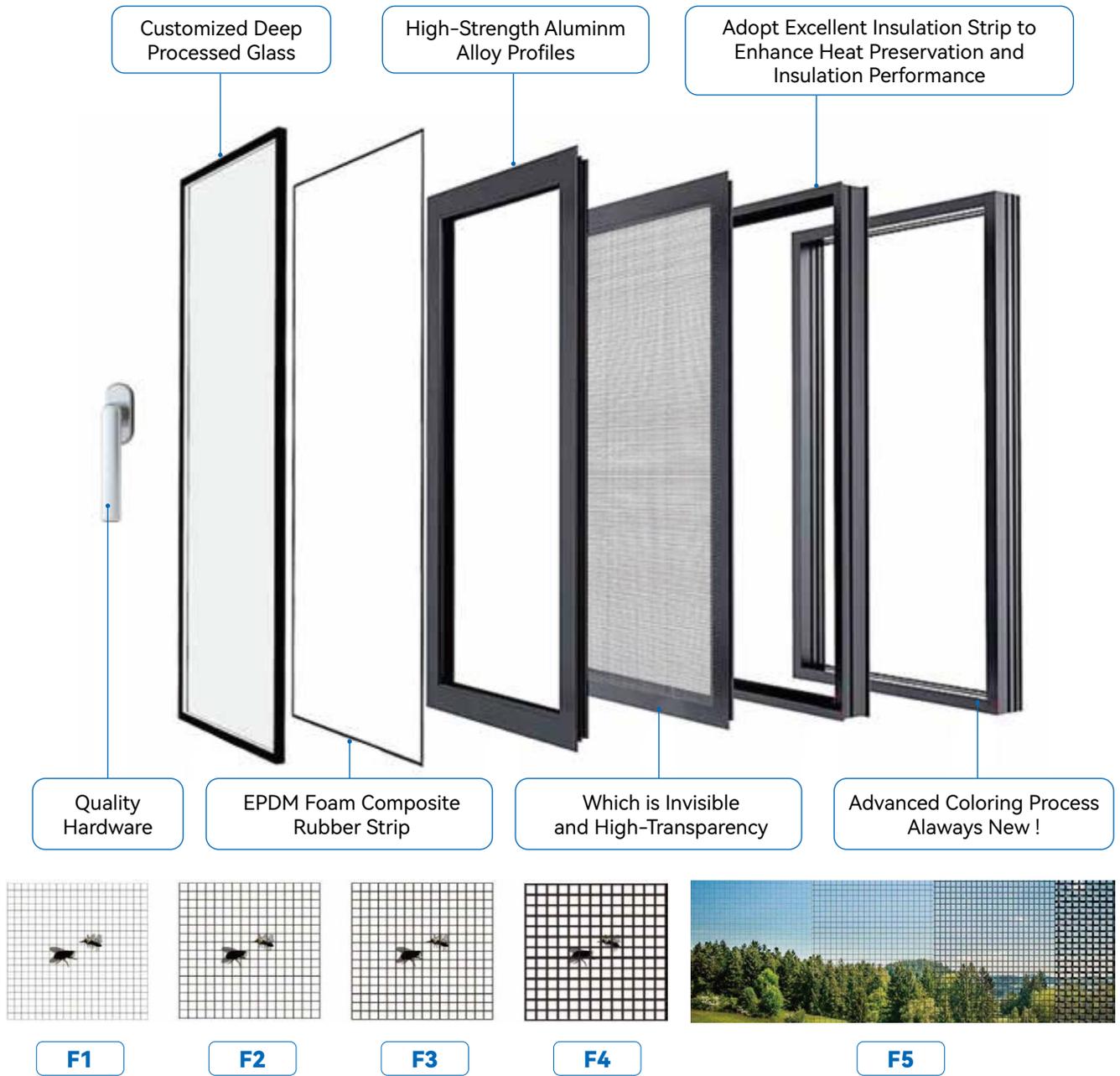
GLASS RAILING

OPTIONS

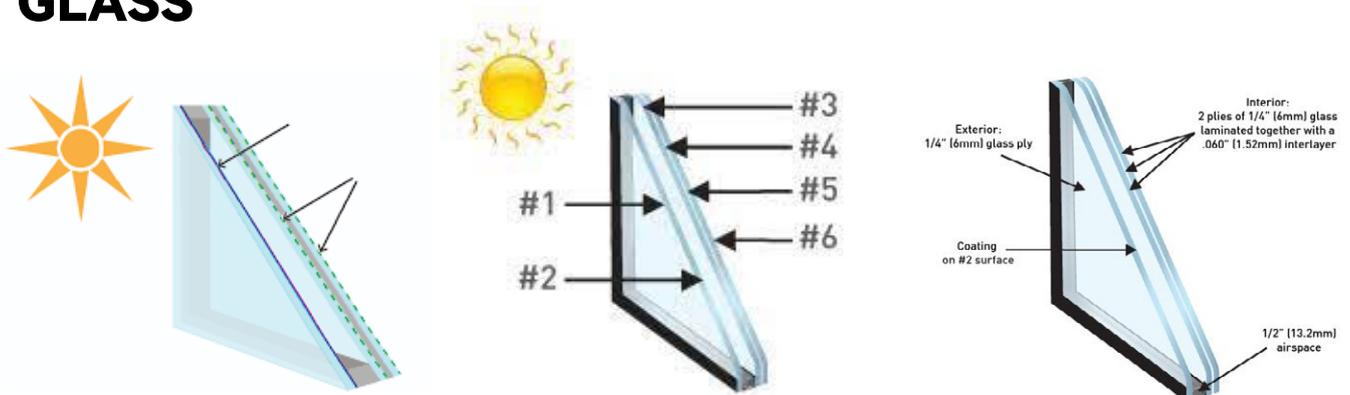
DECORATIVE GRILLES



SCREEN



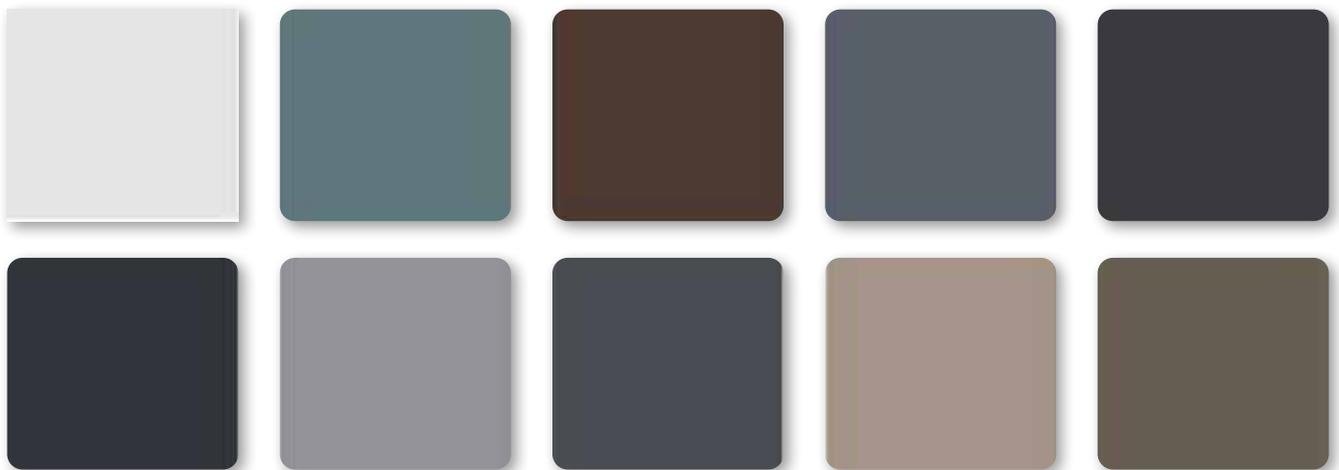
GLASS



OPTIONS



ALUMINUM PROFILE COATINGS COLORS



POWDER COATING



WOODGRAIN COATING



ANODIZING



PVDF PAINTING

OPTIONS

HARDWARE

SIENGENIA

SERIES



B1



B2



B3



B4



B5



B6

HOPPE

SERIES



C1



C2



C3



C4



C5

GU

SERIES



D1



D2



D3



D4



D5

OPTIONS

HANDLE



A1



A2



A3



A4



E1



E2



E3



E4



Insulation Performance



Sound Insulation Performance



Watertight Performance



Airtight Performance



Wind Pressure Resistance

COOPERATION PARTNERS





LOADING





GLANCE AT WORKSHOP





GLANCE AT WORKSHOP





GLANCE AT WORKSHOP



PROJECTS REFERENCE



Indumotora Project

Location: Santiago, Chile

Configuration: Curtain Wall Sliding Doors

Year of Finish: 2016

J&D Levis

Location: Toronto, Canada

Year of Finish: 2020

PROJECTS REFERENCE



莫国 BOC Project

Location: Moscow, Russia

Year of Finish: 2021

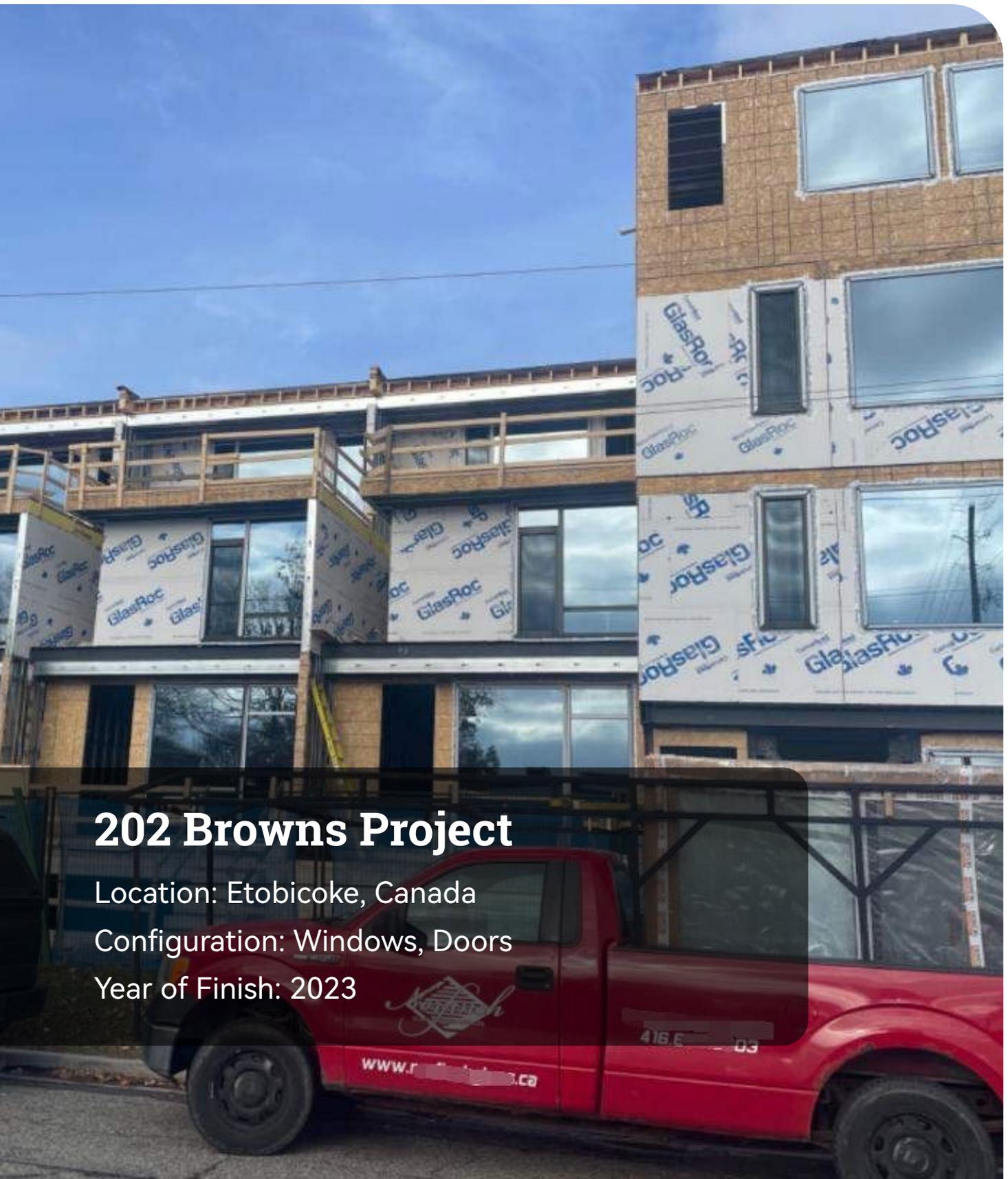


GBCA Colleage

Location: Toronto, Canada

Year of Finish: 2023

PROJECTS REFERENCE



202 Browns Project

Location: Etobicoke, Canada

Configuration: Windows, Doors

Year of Finish: 2023

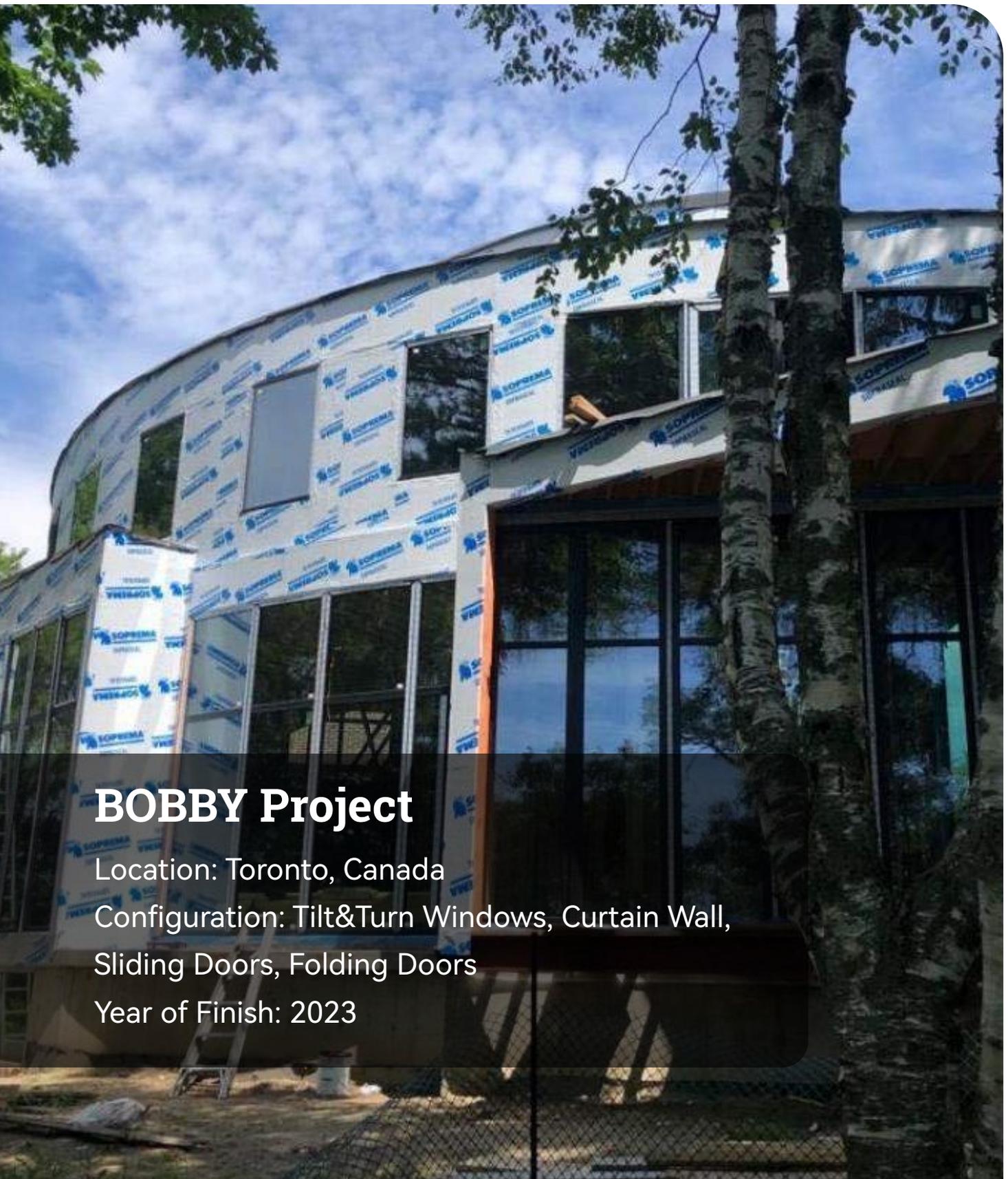
Apartment In Poland

Location: Poland

Configuration: Casement Windows, Sliding Doors, Railings

Year of Finish: 2023

PROJECTS REFERENCE



BOBBY Project

Location: Toronto, Canada

Configuration: Tilt&Turn Windows, Curtain Wall,
Sliding Doors, Folding Doors

Year of Finish: 2023



PROJECTS REFERENCE



UTSC College Project

Location: Scarborough, Canada

Configuration: Awning Windows

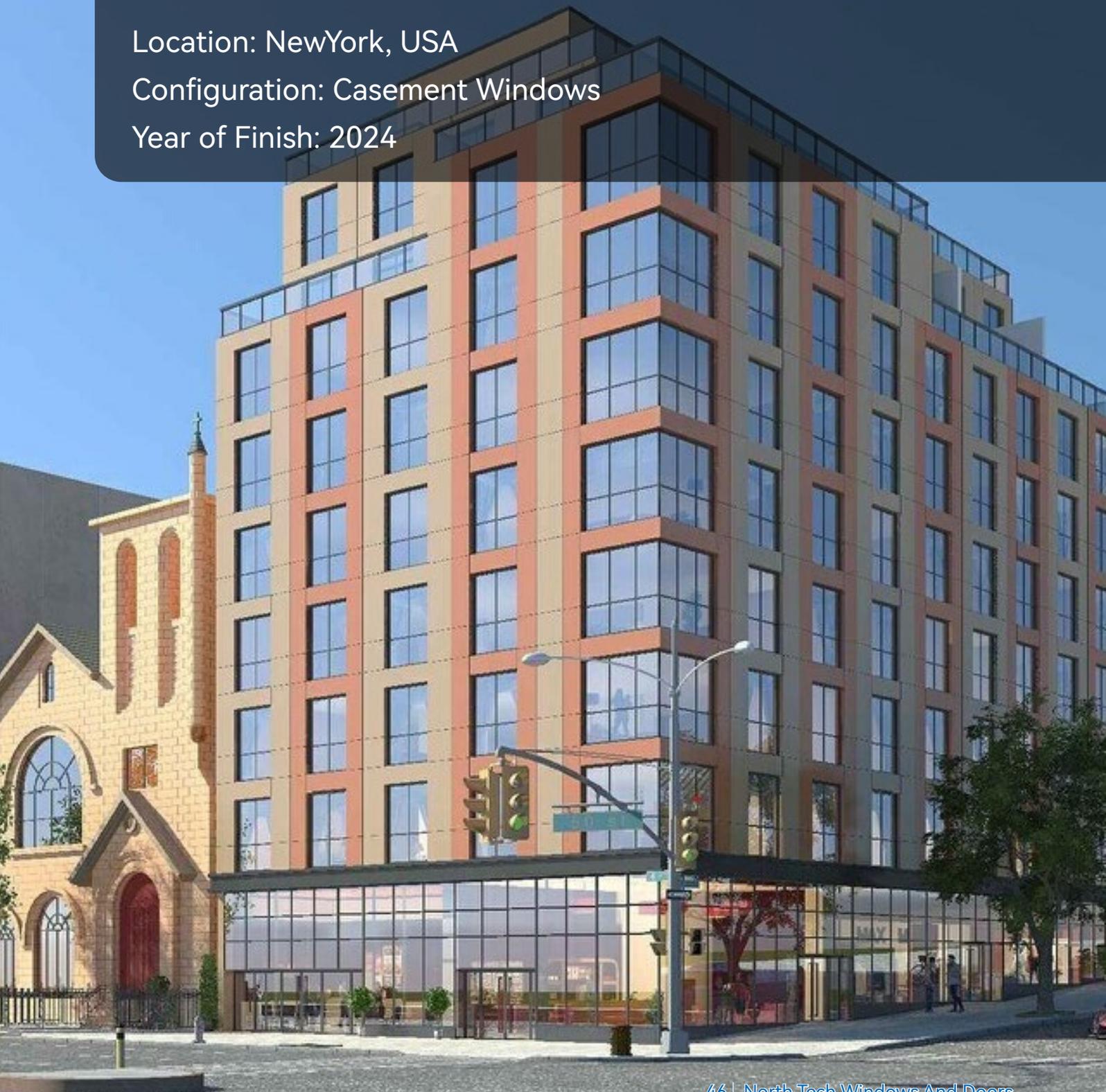
Year of Finish: 2024

4th Avenue Brooklyn

Location: New York, USA

Configuration: Casement Windows

Year of Finish: 2024



PROJECTS REFERENCE



New York 240 Willoughby

Location: New York, U.S.

Configuration: Aluminium And Glass Railing, Etc

Year of Finish: 2024

Rue Dakar, Quebec City

Location: Quebec, Canada

Configuration: Tilt&Turn Windows, Lift&Sliding Door, Swing Door

Year of Finish: 2024



PROJECTS REFERENCE



625 Fulton St Project

Location: 625 Fulton Street, New York City

Year of Finish: 2025

New 2-Storey Detached Single Family Dwelling

Location: 1277 Hillview Cres, Oakville, On L6H 2C6

Year of Finish: 2025



PROJECTS REFERENCE



Kelowna Project (2025 Ongoing)

Style: Casement Window

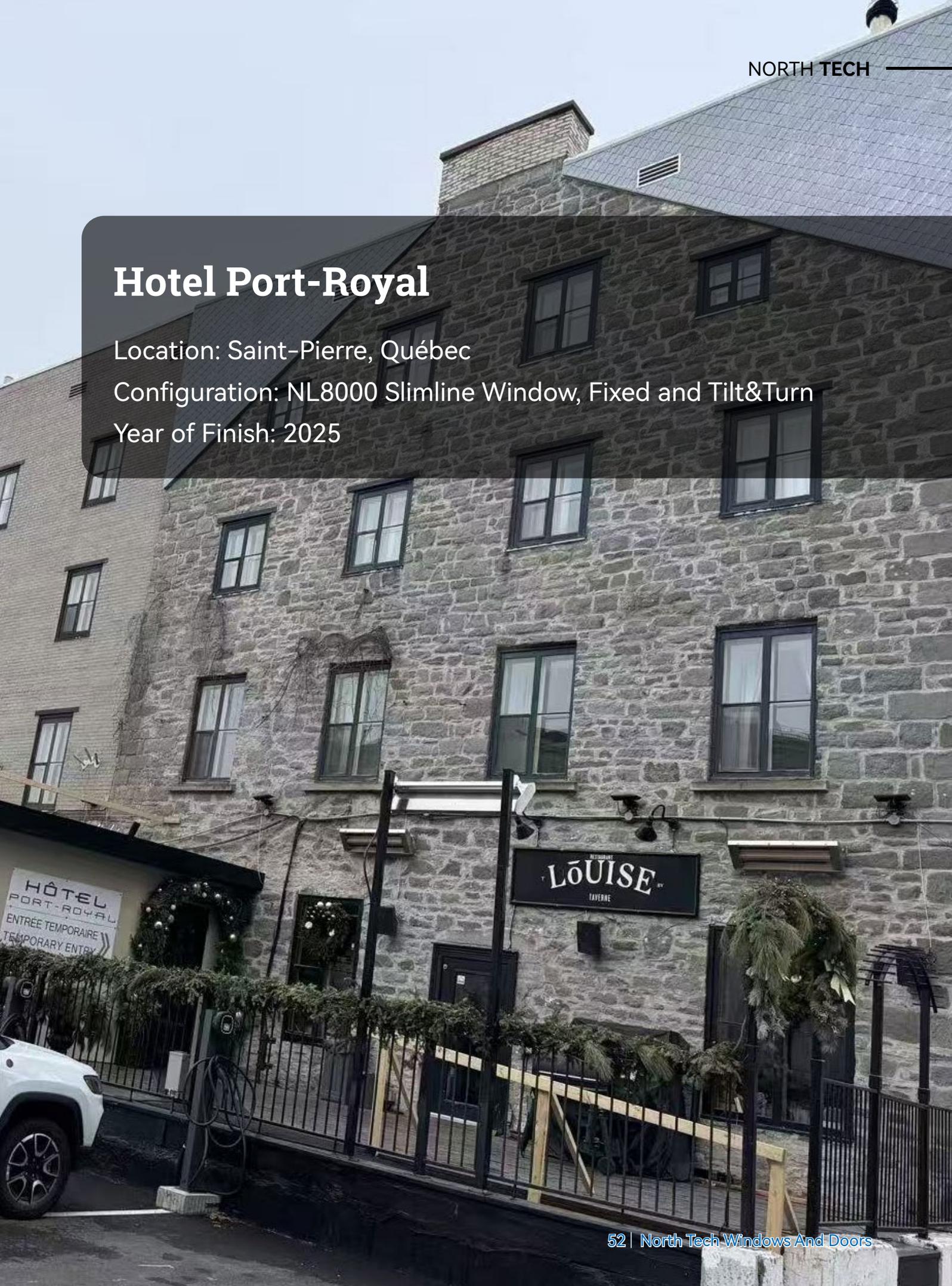
Location: Kelowna City, Canada

Hotel Port-Royal

Location: Saint-Pierre, Québec

Configuration: NL8000 Slimline Window, Fixed and Tilt&Turn

Year of Finish: 2025



PROJECTS REFERENCE



Queens Ave West Van

Location: West Vancouver, Canada

Year of Finish: 2026

3078 Project in New York

Location: New York

Year of Finish: 2026



TIPS:

Pictures shown are for reference only. Due to printing, there may be chromatic differences from the actual product. Please refer to the real product or contact your local dealer for confirmation. The factory reserves the right to modify or improve the product appearance without prior notice. Please take the actual product as the standard.



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Whatsapp



Website