



WINHOFF

TRUSTED FENESTRATION



CERTIFICATE Authorized Fabricator

This is to certify that WINHOFF windows and doors LTD is our selected fabricator in
Ontario, Canada
and their fabrication of Fenspro systems are in compliance
with our technical guide lines.

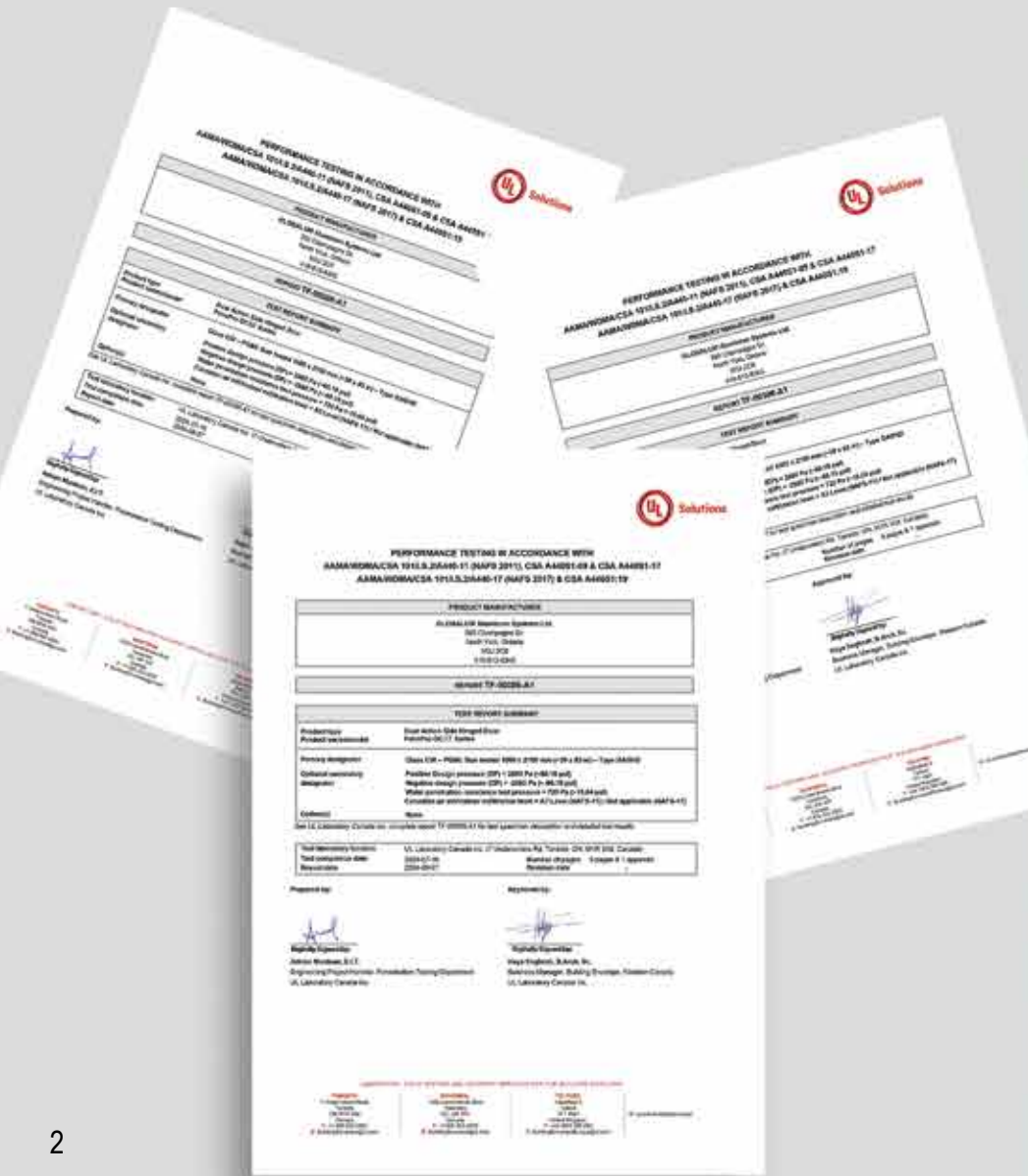
Issue date: May 2025

Valid until: May 2028



WINHOFF

Precision in Every Detail



At winhoff, we believe true craftsmanship lies in the details.

Every aluminum product we fabricate is the result of a perfect balance between advanced machinery and skilled hand finishing.

Our state-of-the-art equipment ensures accuracy, consistency, and efficiency, while the expertise of our craftsmen brings a human touch that elevates the final result.

From the cleanest cuts to the smoothest finishes, no detail is overlooked.

Whether it's achieved through precision engineering or meticulous handwork, our commitment is the same delivering aluminum doors and windows of unmatched quality, durability, and elegance.





Doors & Windows



Aluminum Doors and windows

Our aluminum systems combine European engineering with Canadian performance standards, offering the perfect solution for modern construction. Bring a touch of modern European elegance to your home with aluminum doors and windows that are as durable as they are beautiful.

- Thermal Break Technology: Advanced insulation delivers excellent energy efficiency, even in harsh climates.
- Acoustic Comfort: Double and triple glazing options provide superior sound reduction.
- Durability: Corrosion-resistant aluminum ensures long-lasting performance with minimal maintenance.
- Sustainability: 100% recyclable material aligned with green building standards.



GC77

High Performance
Casement system



Technical capabilities:

Profile Technology:

High performance thermal break with multi-chamber polyamides with only 77 mm. frame depth.

Thermal performance:

Uw values 1.13 W/m²K (0.2 BTU/hr-ft²·°F) for fixed glazed units.
Uw values 1.27 W/m²K (0.22 BTU/hr-ft²·°F) for sash-frame combinations.

Sealing Concept:

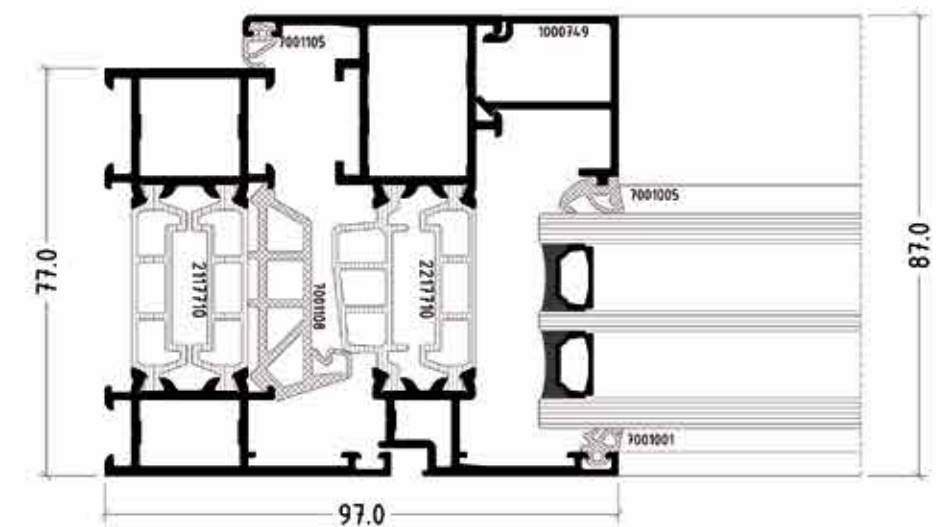
Large central gasket in two variant
-Mitter cut gasket
-With formed corners, no sealing of joints

Hardwares:

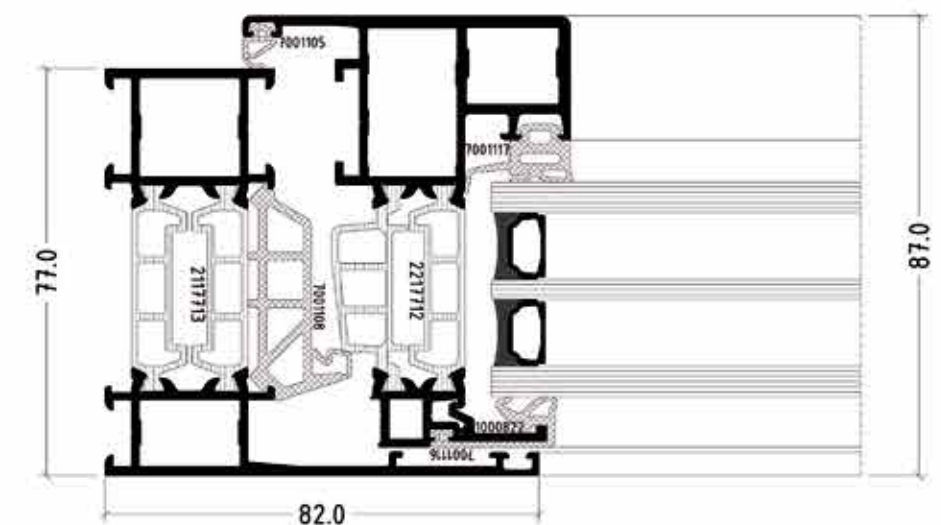
-Side hung with concealed / visible hinges
-Tilt & turn with concealed / visible hinges
-Tilt & Slide
-Bi-folding
-Top hung
-Bottom hung
-Outward opening
-Horizontal / vertical pivot

System performance:

-Positive pressure design: 2880 Pa
-Negative pressure design: 2880 Pa
-Water penetration resistance test pressure: 720 Pa
-Canadian air infiltration/ exfiltration level = A3
-Primary designator: Class CW - PG60
-Test report number: TF-00306-A1
-Test size: 1000 mm. x 2100 mm.



Standard version



Hidden vent version



GC62

Casement system



> Smart opening option



PG60

NAFS Certified



Technical capabilities:

Profile Technology:

High performance thermal break with only 62 mm. frame depth.

Thermal performance:

Uw values 1.13 W/m²K (0.2 BTU/hr-ft²-°F) for fixed glazed units.
Uw values 1.27 W/m²K (0.25 BTU/hr-ft²-°F) for sash-frame combinations.

Sealing Concept:

Large central gasket in two variant
-Mitter cut gasket
-With formed corners, no sealing of joints

Hardwares:

-Side hung with concealed / visible hinges
-Tilt & turn with concealed / visible hinges
-Tilt & Slide
-Bi-folding
-Top hung
-Bottom hung
-Outward opening
-Horizontal / vertical pivot

System performance:

-Positive pressure design: 2880 Pa
-Negative pressure design: 2880 Pa
-Water penetration resistance test pressure: 390 Pa
-Canadian air infiltration/ exfiltration level = A3
-Primary designator: Class CW - PG60
-Test report number: TF-00306-B1
-Test size: 1000 mm. x 2100 mm.

> Free barrier door
Inward and outward opening
Up to
300kg
Sash weight





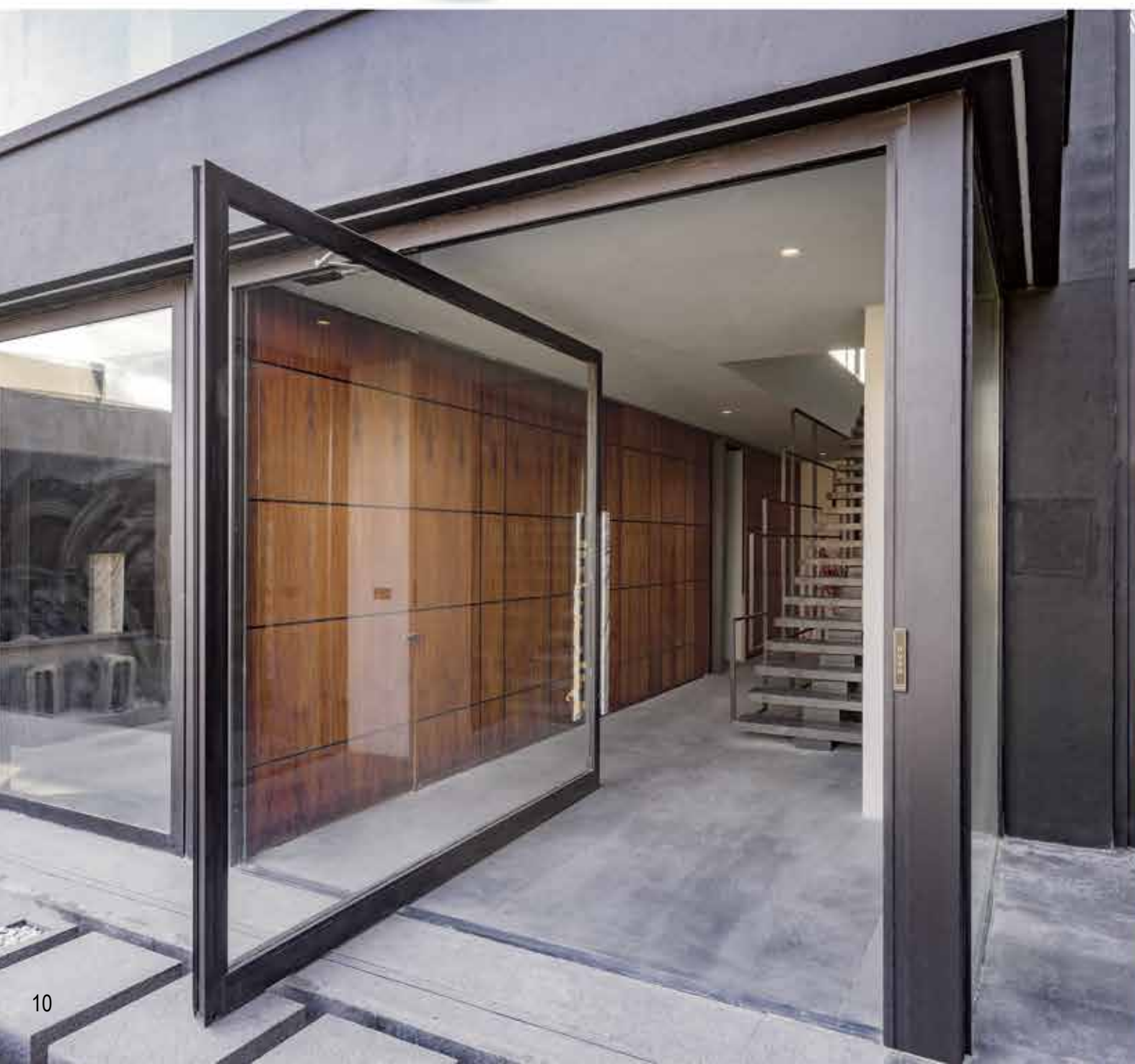
GC74

Heavy duty
Pivot door
Double action door



WINHOFF
TRUSTED FENESTRATION

500 LOAD CAPACITY
UP TO
KG



Technical capabilities:

Load capacity:

Up to 500kg per sash for pivot doors
Up to 350kg per sash for double action doors

Sash Size:

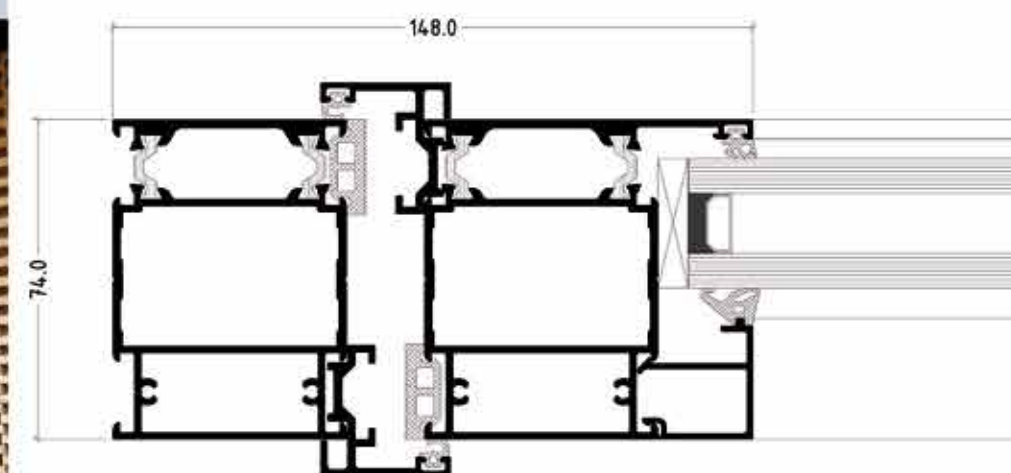
Max. width up to 2500 mm.
Max. height up to 4200 mm.

Infill thickness:

Infill panel can be glass or panel up to
52 mm.

Motorized option:

Motorized option is available for both opening
types.





Lift & Slide



Lift & Slide Balcony Doors

Seamless Living, Inside and Out

Experience a new standard of comfort and design with our premium Lift and Slide Balcony Doors. Engineered for smooth operation and expansive views, these doors effortlessly connect your indoor space to the outdoors.

With a simple turn of the handle, the door lifts slightly off the track, allowing for easy gliding with minimal effort. When closed, it lowers securely into place, ensuring exceptional thermal insulation, weather resistance, and sound reduction.



GS142

Lift & Slide System

> Seamless Living, Inside and Out



We bring you a new generation of aluminum sliding windows and doors, designed with exceptional thermal performance and customizable dimensions to suit all your projects. Whether for large living spaces, conservatories, or glazed extensions, GS142 system offers functional solutions tailored to your needs.

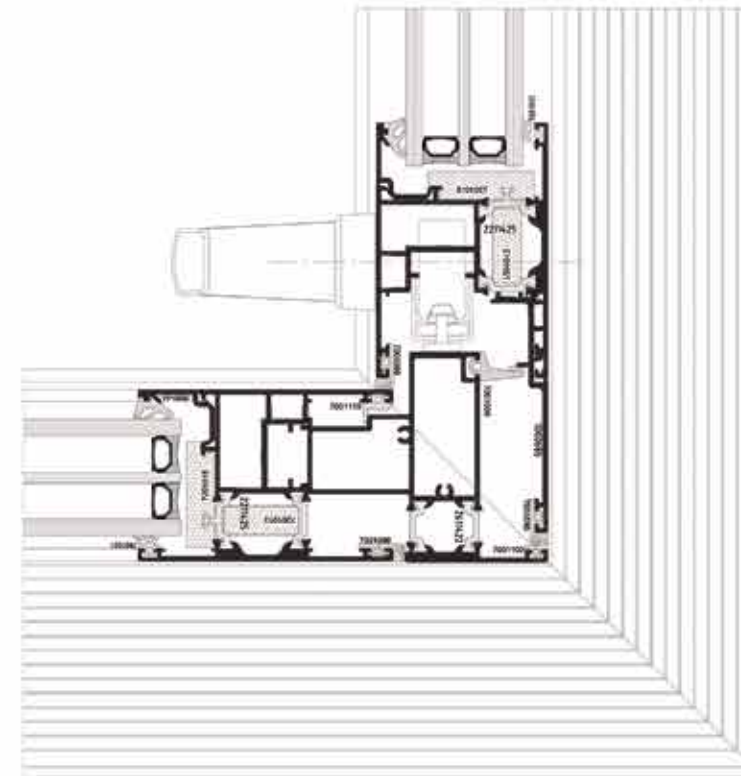
Applications and Features

- **Uw Value:**
 - o 0.22 Btu/h·ft²·F Triple glazing
 - o 0.32 Btu/h·ft²·F Double glazing
- **Weight capacity:**
 - o Up to 500kg for moving sash
 - o Up to 1000kg for fixed sash
- **Design Options:**
 - o Lifting/sliding systems
 - o Monorail
 - o Double and triple tracks
 - o Multirail tracks
 - o Pocket door solution
 - o Fixed panel combinations



GS142 DS

Integrated Drainage System



Corner opening with lockable sash



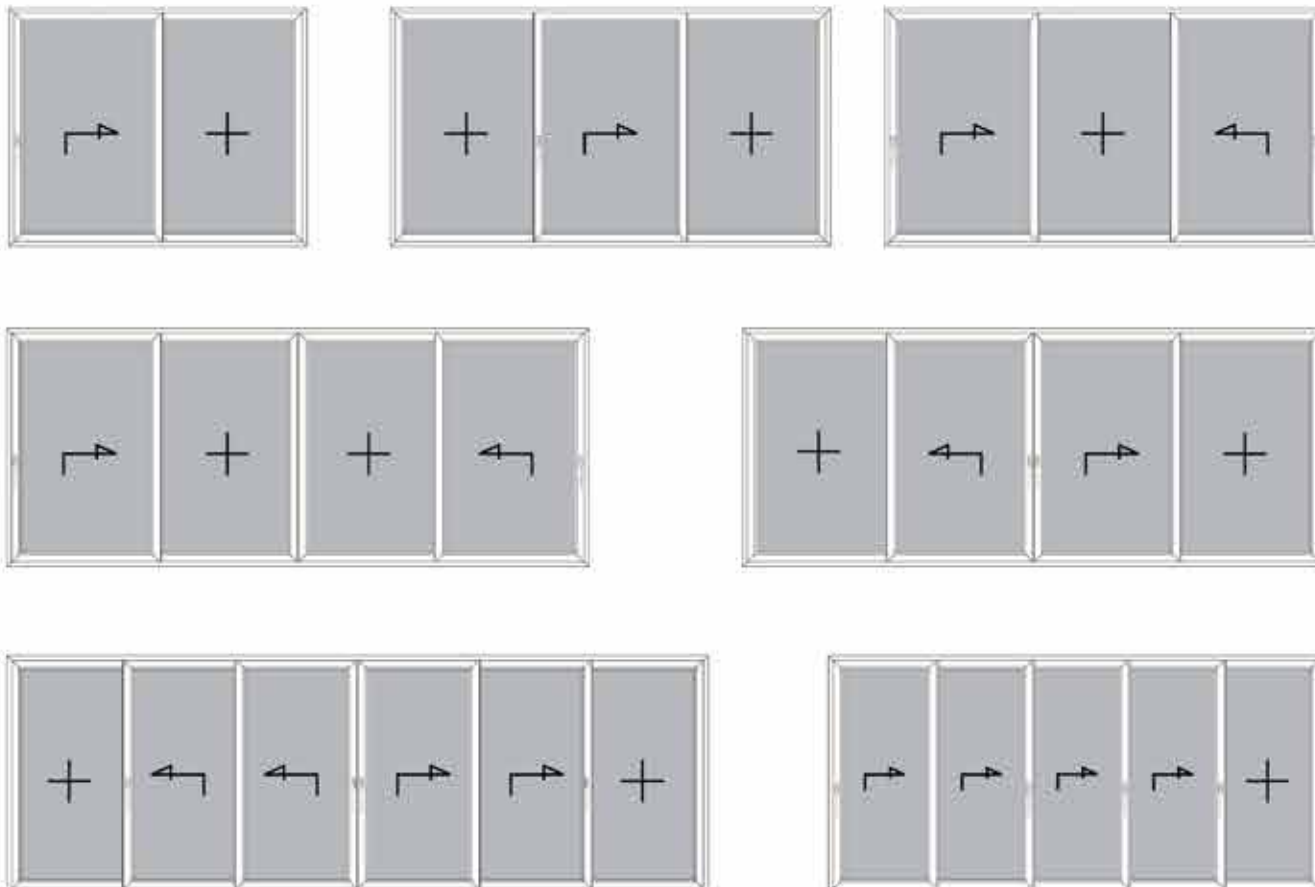
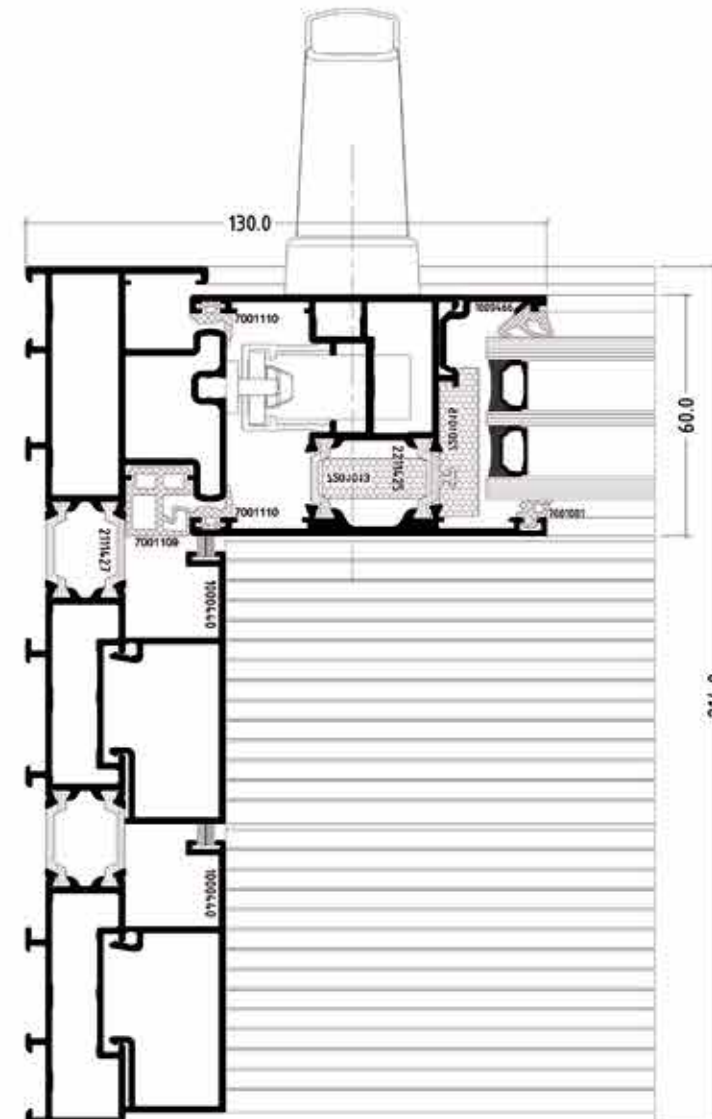
Efficiency & Reliability

All opening types and configurations
Sleek, modern designs, Large sash formats with thin profiles
Advanced corner connection technology
Simplified production processes
Certified performance and quality



Underwriters
Laboratories

NAFS
2017
PG40





GS97S

Sliding / Lift&Sliding
System

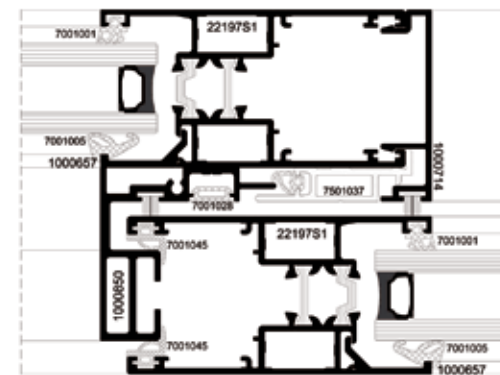


Our GS97S sliding / lift & slid system delivers effortless operation, maximum energy savings, and rock-solid durability bringing elegance and reliability to every space

Design options:
Sliding doors and windows
Lifting/sliding systems
Double and triple tracks
Fixed panel combinations



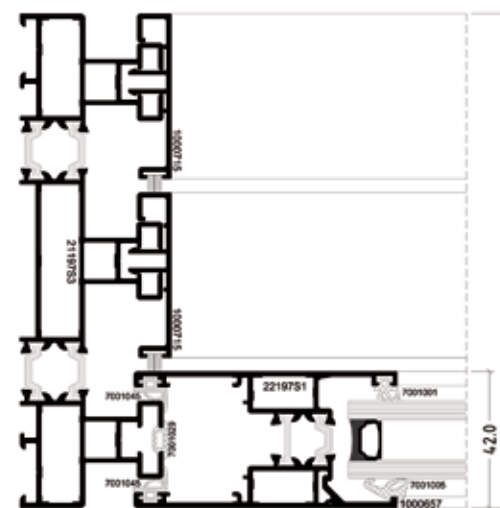
> Performance, stability, cost efficiency



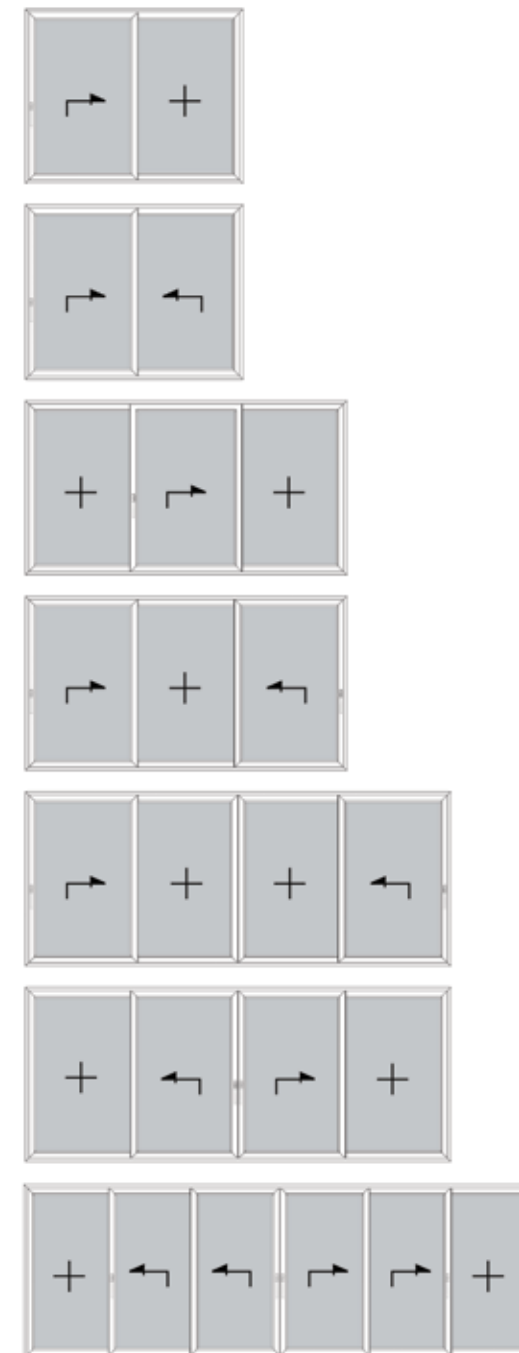
Middle Opening option



Dual Rail



Triple Rail





Curtain Wall Solutions

Our curtain wall systems combine modern design with advanced performance to meet today's architectural and energy demands.

Thermal Efficiency

Engineered with high-performance thermal breaks and optimized glazing options, our curtain walls significantly reduce heat transfer, ensuring year-round comfort and lower energy consumption.

New Transom Drainage System

Featuring an innovative transom drainage design, our system guarantees effective water management and enhanced durability, while maintaining a clean aesthetic.

Curtain Wall





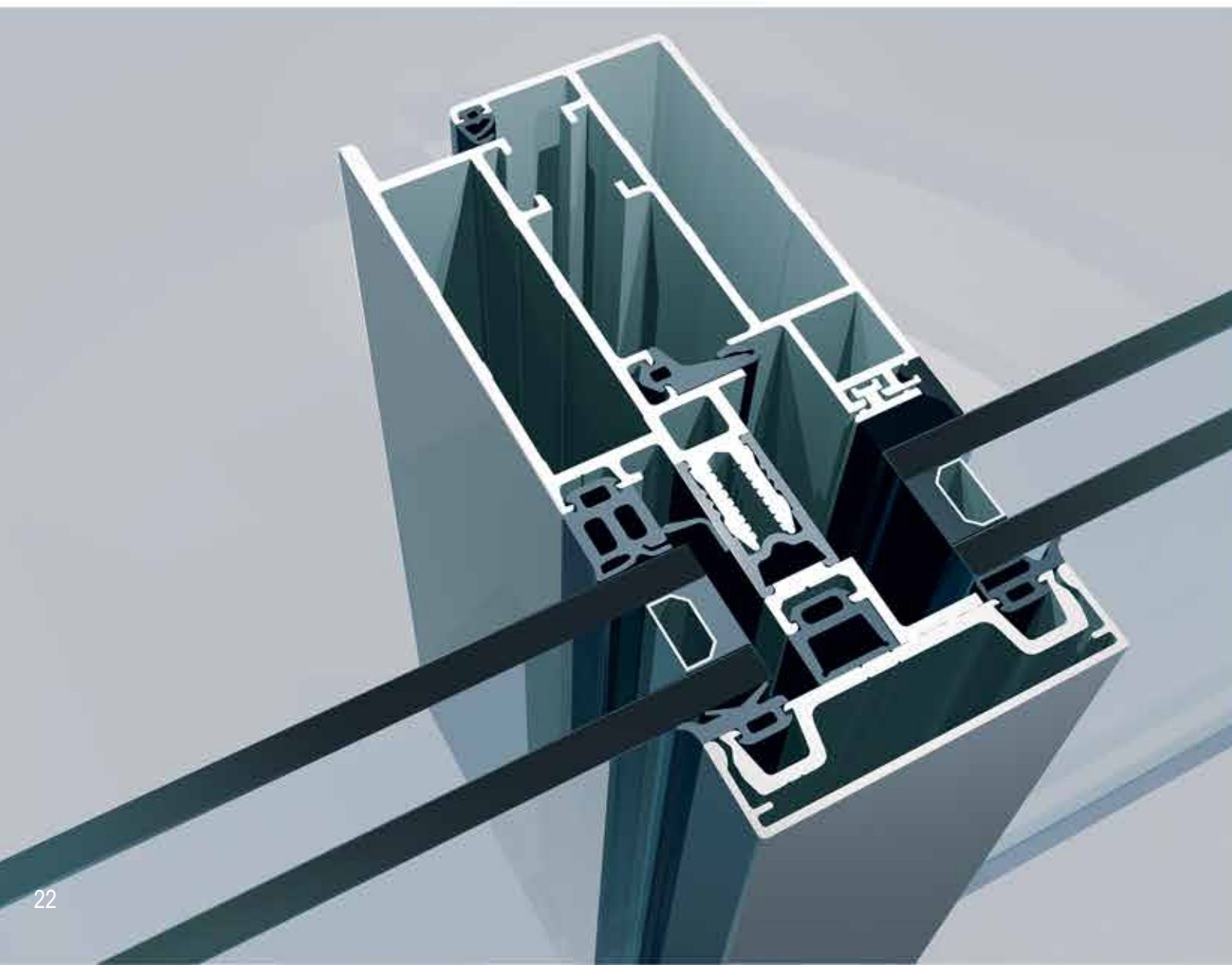
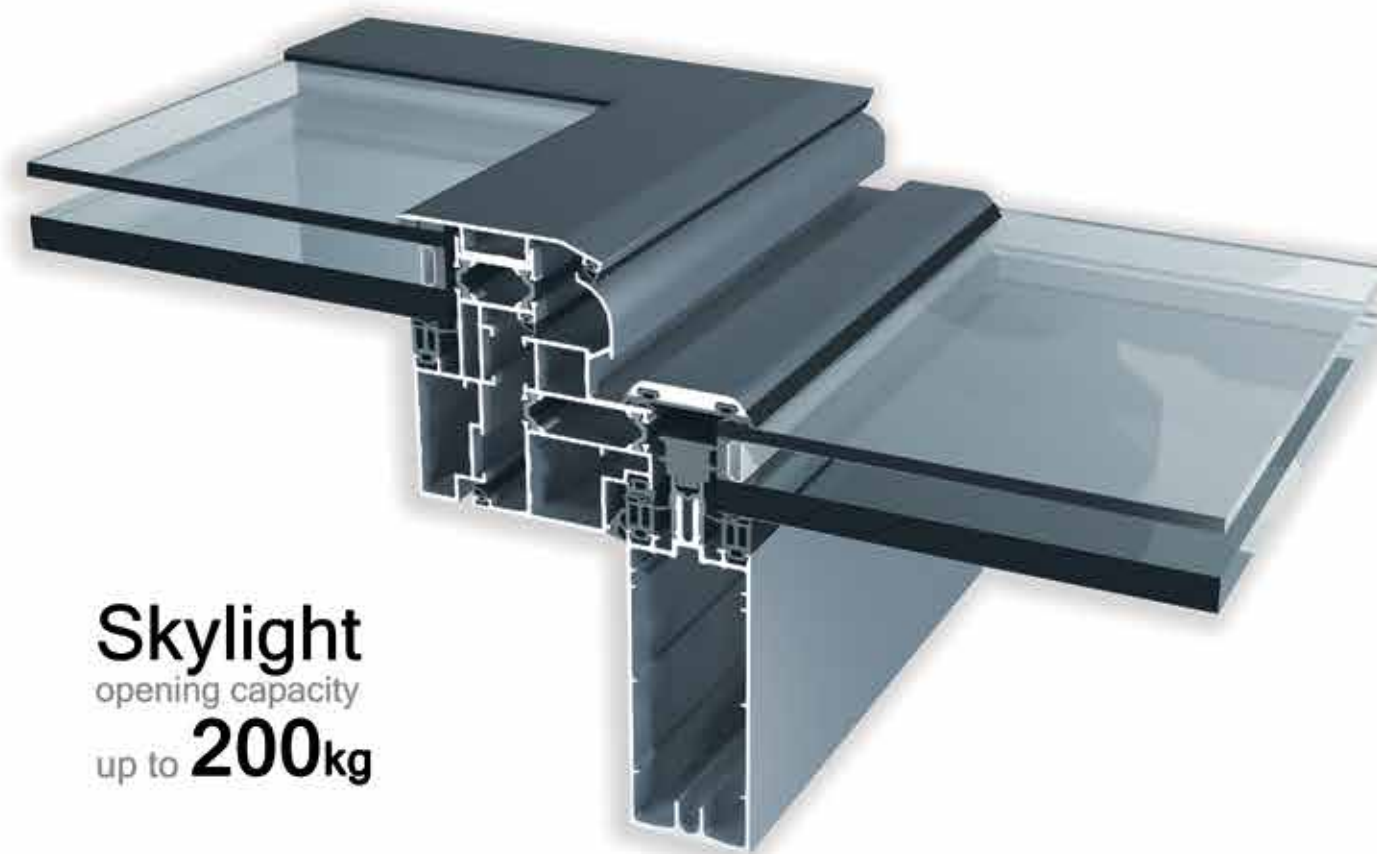
GF60 GF50

Stick systems
curtain wall



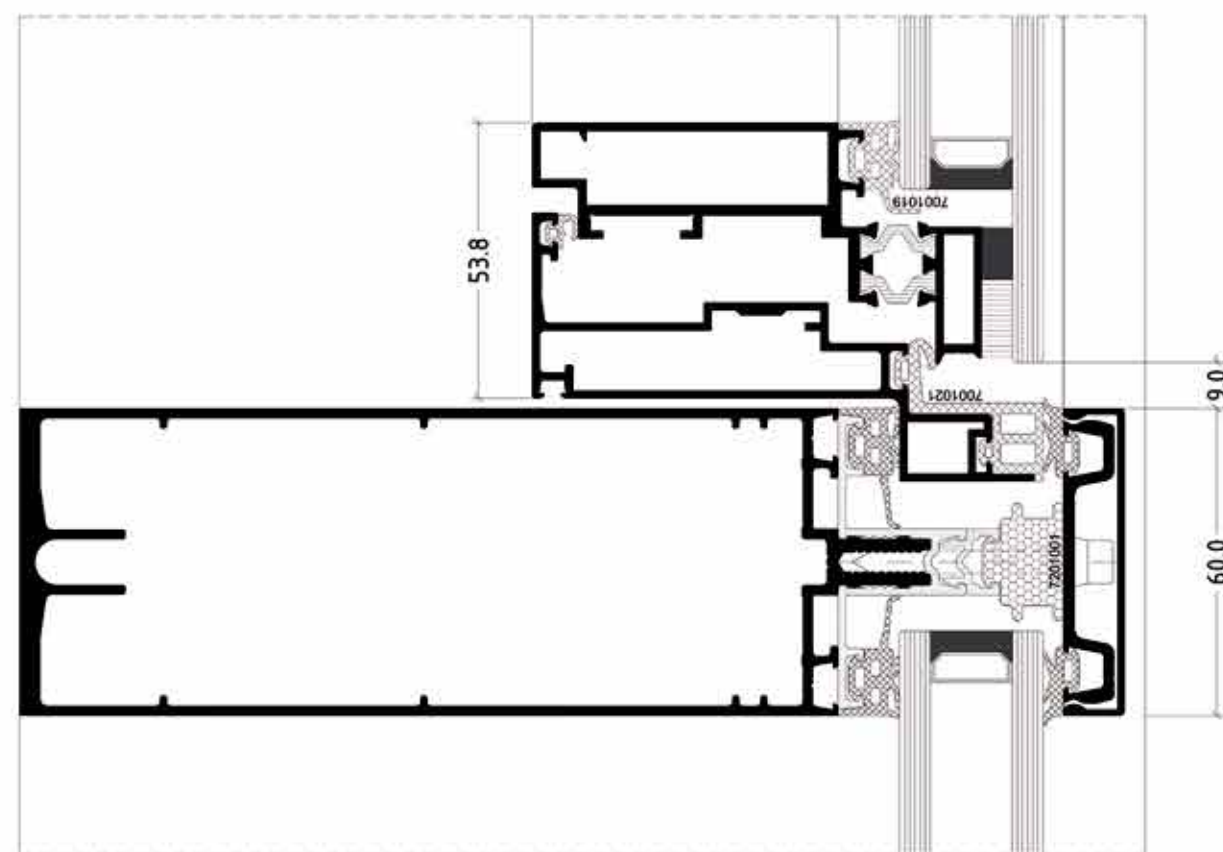
> GF60HV

Hidden vent curtain wall, seamless aesthetics, hidden performance

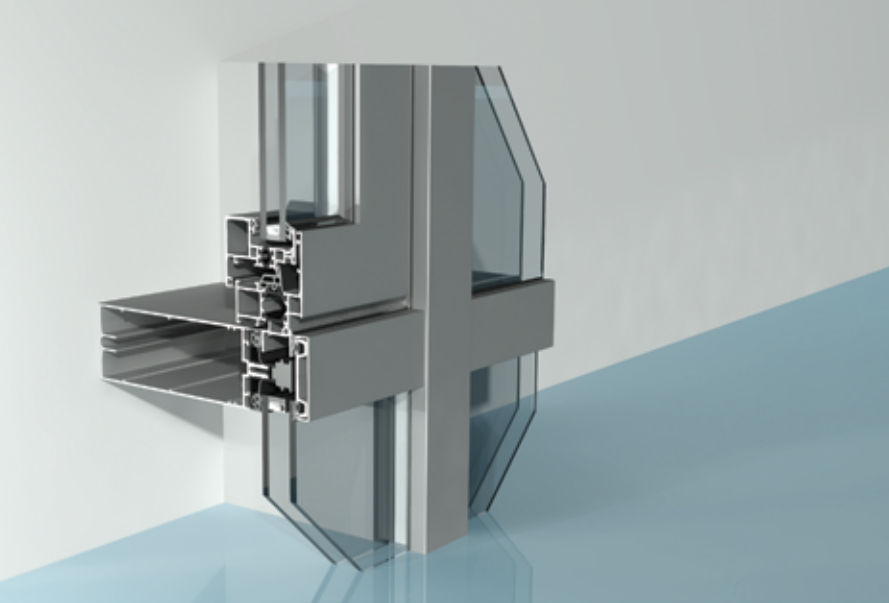


Skylight

opening capacity
up to **200kg**

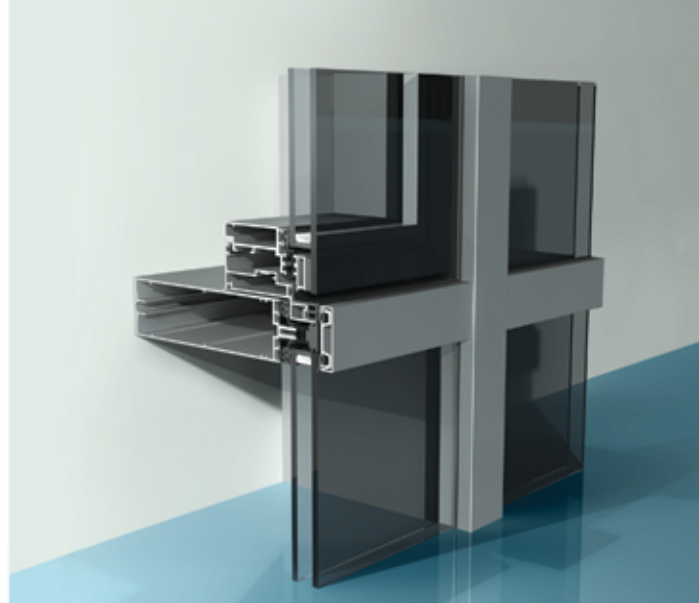


Frameless integrated opening
Paralell / Awning hardware



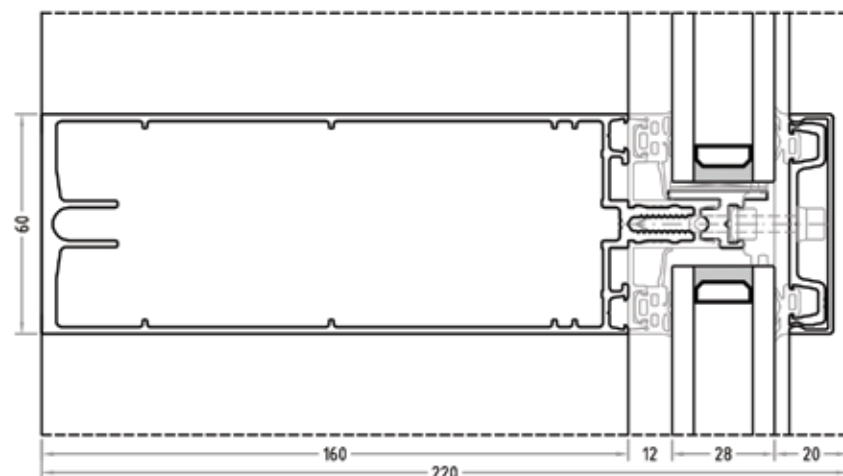
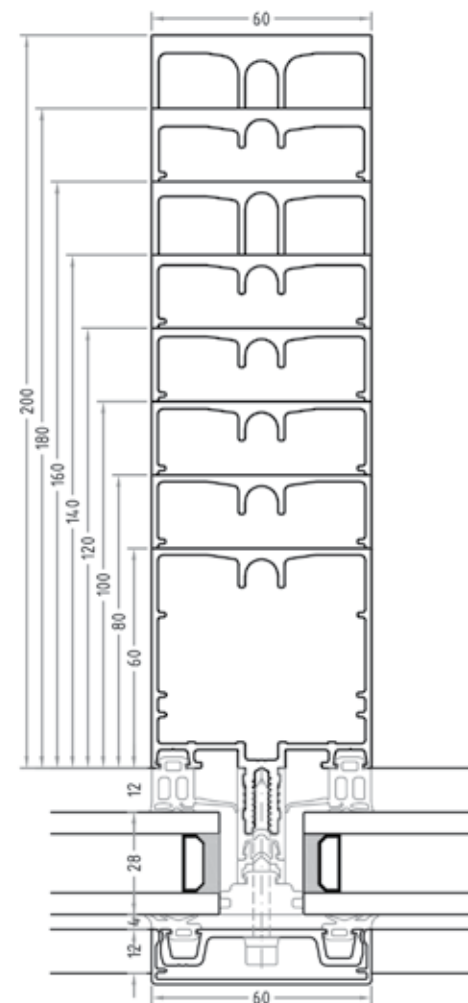
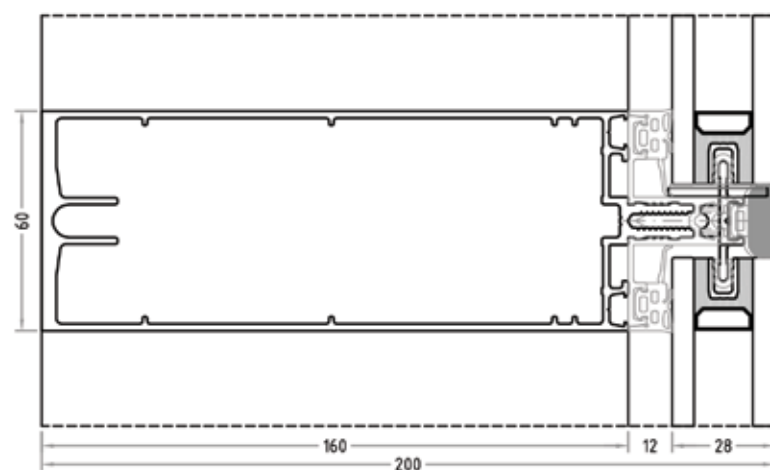
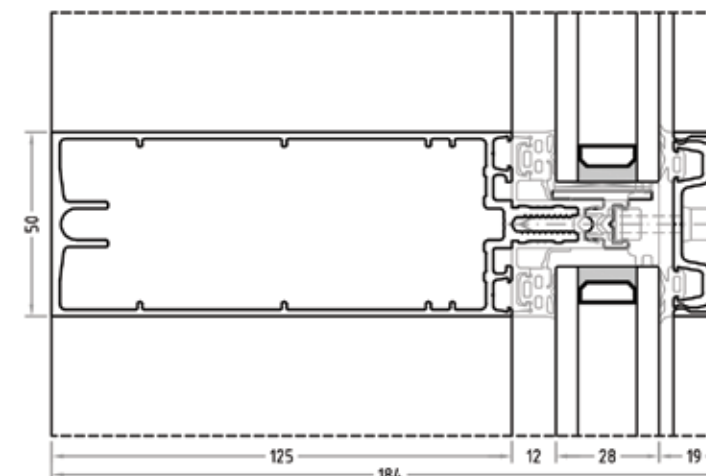
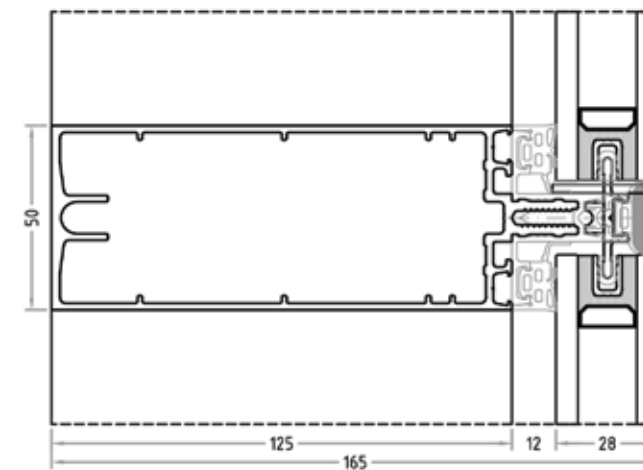
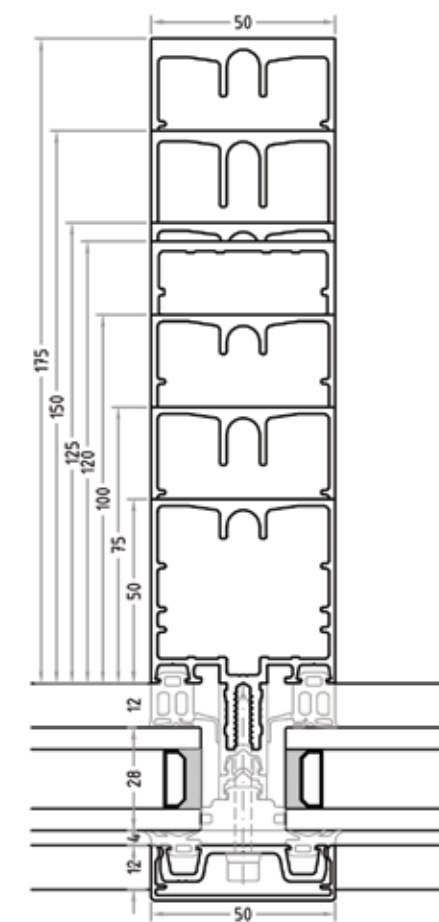
GF60

Profile Properties



GF50

Profile Properties



Number	Description	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
1000311	Mullion / Transom 60 x 60	42.33	25.33
1000312	Mullion / Transom 60 x 80	79.01	31.11
1000313	Mullion / Transom 60 x 100	132.15	37.18
1000314	Mullion / Transom 60 x 120	207.62	45.70
1000315	Mullion / Transom 60 x 140	306.44	52.54
1000316	Mullion / Transom 60 x 160	469.74	62.91
1000317	Mullion / Transom 60 x 180	637.06	73.26
1000328	Mullion / Transom 60 x 200	863.38	77.94

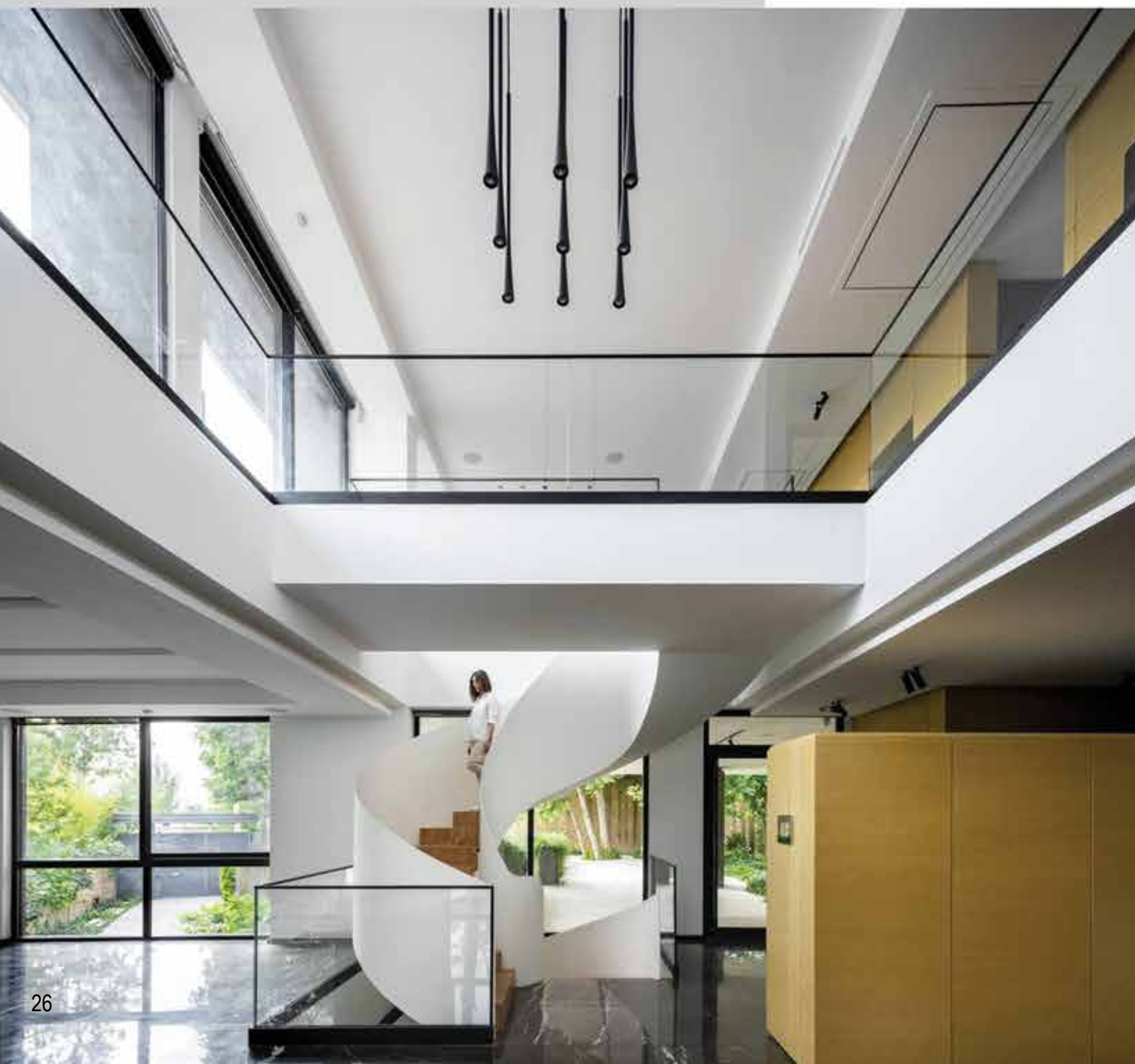
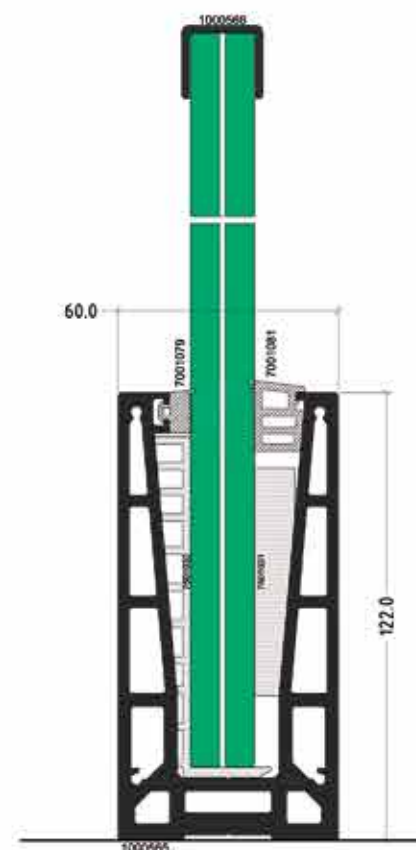
Number	Description	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
1000325	Mullion / Transom 50 x 50	26.95	14.69
1000309	Mullion / Transom 50 x 75	65.70	19.70
1000310	Mullion / Transom 50 x 100	121.65	24.61
1000369	Mullion / Transom 50 x 120	188.84	34.47
1000263	Mullion / Transom 50 x 125	216.92	31.67
1000307	Mullion / Transom 50 x 150	334.41	37.20
1000324	Mullion / Transom 50 x 175	551.24	46.04

Free standing balcony glass railing

Experience the perfect harmony of safety and elegance with our frameless glass balcony handrails. Designed to open up your view, this system creates a seamless connection between indoor comfort and outdoor beauty.

- Frameless, elegant design for uninterrupted views
- Minimalistic look that enhances modern living spaces
- Maximum transparency and natural light flow
- Durable, weather-resistant, and easy to maintain
- Perfect for balconies, terraces, and rooftops

GCR60 GCR100

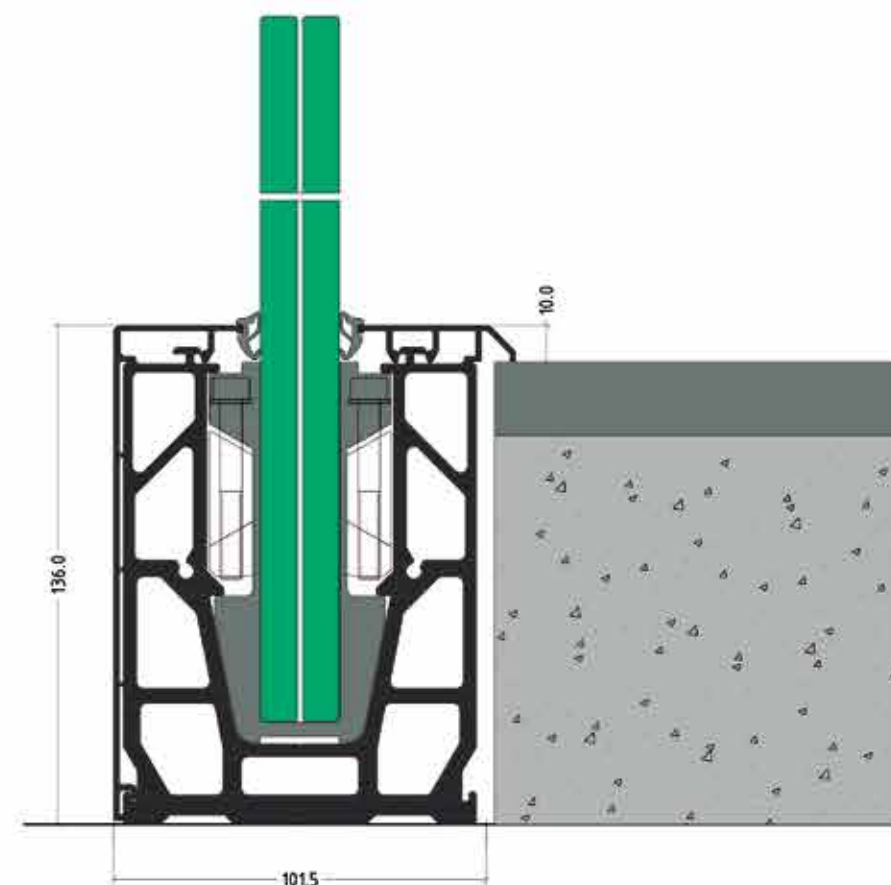


GCR 60

Exposed channel railing

Glazing option:

- 17.52 mm. tempered laminated glass
- 21.52 mm. tempered laminated glass



GCR 100

Exposed / Unexposed channel railing

Glazing option:

- 17.52 mm. tempered laminated glass
- 21.52 mm. tempered laminated glass

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