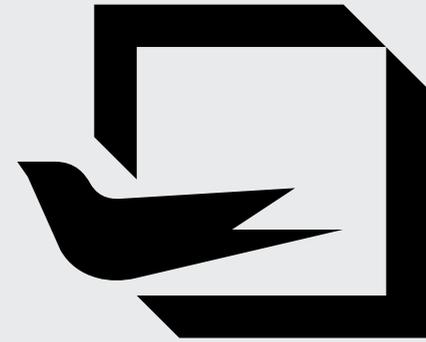


# OptiFusion



OPENING  
NEW  
HORIZONS

+31  
years of experience

+70.000  
square meters

+2.500  
partners



Optimedia has been producing PVC and Aluminum joineries since 1994, amassing an impressive and modern production system. Since 2006, we have started exporting our products currently having more than 2.500 B2B partners worldwide.

**OUR VISION:**

To be a leader in the production of PVC and Aluminum joineries, offering support to all our partners. To achieve this, we have kept to our core principles, maintaining the quality of our products and the relationships with our partners as top priorities.

**OUR MISSION:**

To produce windows and doors that have certified and proven characteristics, manufactured and delivered to the highest market standards.



GUARDIAN GLASS is one of the largest and most innovative glass manufacturers in the world. Founded in 1932 in Detroit, Michigan, the company operates on five continents, serving more than 160 countries.

[guardianglass.com](http://guardianglass.com)



SAINT-GOBAIN GLASS is the european leader in the production of construction glass. The factory in Călărași, Romania, has the most modern float glass production line in Europe. The thermal, acoustic and security performances of SAINT-GOBAIN glazings recommends them for the most creative and original architectural solutions.

[saint-gobain-glass.com](http://saint-gobain-glass.com)



As an independent family-owned business, the RENOLIT Group has been setting quality and innovation standards for over 75 years. Around 5,000 employees at more than 30 locations worldwide are continuously developing pioneering products and High-quality plastic films for all key industries.

[renolit.com](http://renolit.com)



Continental is one of the world's leading industrial specialists. Its customers can be found in key industries such as machine and plant engineering, mining, the agricultural industry, and the automotive industry. The company uses its development and material expertise for products and systems made of rubber, polyamide, metal, textile, and electronic components.

[continental-industry.com](http://continental-industry.com)



WINKHAUS develops, manufactures and sells hardware for windows and doors, together with automatic closing, access and security systems. The german WINKHAUS group was founded in 1854, remaining a family business with over 2.000 partners worldwide.

[winkhaus.com](http://winkhaus.com)



MACO is an austrian windows & doors hardware manufacturer that ensured its success through the quality of its products, being the first company in its field to be certified according to ISO 9001 standards.

[maco.at](http://maco.at)

# OptiFusion

## Double Gasket Window

### PRODUCT GEOMETRY

**3 in**

6 frame insulation chambers  
5 sash insulation chambers

### IGU OPTIONS

**Double/Triple-Pane**

maximum IGU thickness: 1 7/8 in

### THERMAL PERFORMANCE

**U<sub>factor</sub> ≥ 0,14 Btu/h·ft<sup>2</sup>·F**

### MAX. ACOUSTIC PERFORMANCE

**47 dB**

### OPENING STYLES

**Tilt & Turn  
Casement  
Hopper / Awning  
Fixed**



\*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.

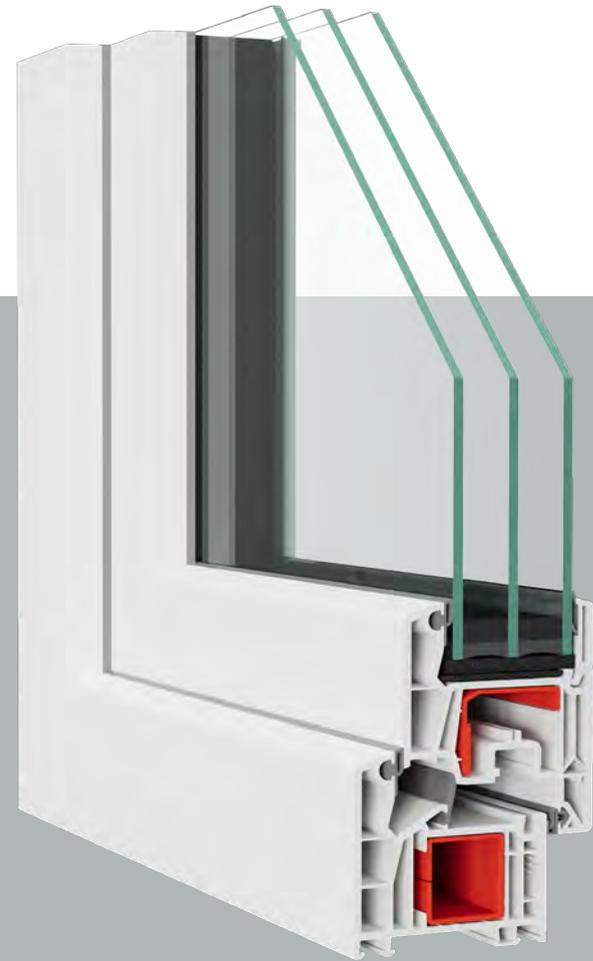


With a base thickness of 3 in, the OptiFusion system offers the perfect balance between energy saving and cost optimization. The solid Class A profiles allow the use of triple-glazed insulating glass units for superior insulation as well as protection against noise and intrusions. The slim and efficient design of OptiFusion makes it an appropriate choice even for projects requiring large joineries and openings.



# OptiFusion

## Triple Gasket Window



### PRODUCT GEOMETRY

**3 in**

6 frame insulation chambers  
5 sash insulation chambers

### IGU OPTIONS

**Double/Triple-Pane**

maximum IGU thickness: 1 7/8 in

### THERMAL PERFORMANCE

**U<sub>factor</sub> ≥ 0,13 Btu/h·ft<sup>2</sup>·F**

### MAX. ACOUSTIC PERFORMANCE

**47 dB**

### OPENING STYLES

**Tilt & Turn  
Casement  
Hopper / Awning  
Fixed**



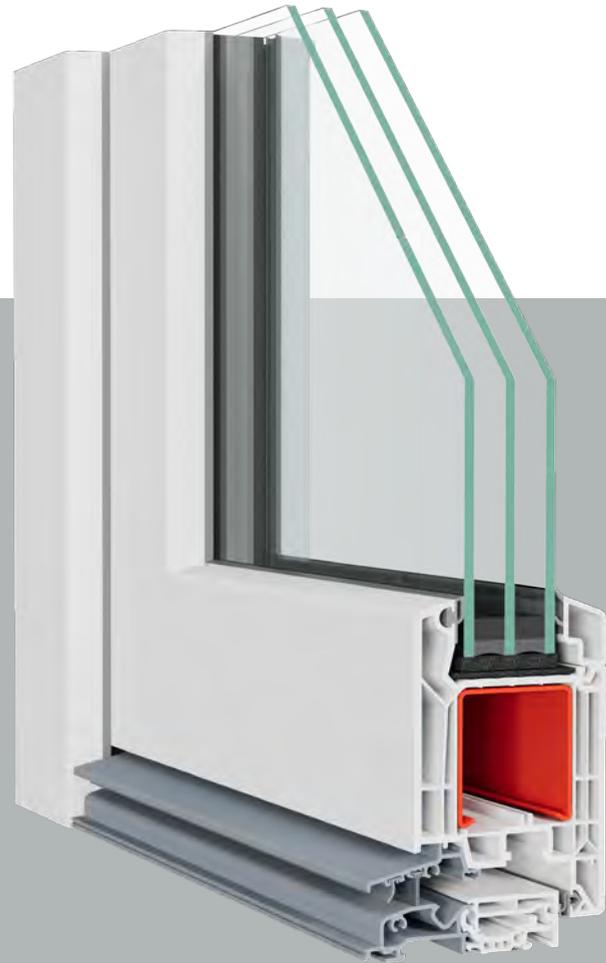
With a base thickness of 3 in, the OptiFusion system offers the perfect balance between energy saving and cost optimization. The solid Class A profiles allow the use of triple-glazed insulating glass units for superior insulation as well as protection against noise and intrusions. The slim and efficient design of OptiFusion makes it an appropriate choice even for projects requiring large joineries and openings.

\*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.



# OptiFusion

## Entry Door



### PRODUCT GEOMETRY

**3 in**  
triple gasket  
6 frame insulation chambers  
5 sash insulation chambers

### IGU OPTIONS

**Double/Triple-Pane**  
maximum IGU thickness: 1 7/8 in

### THERMAL PERFORMANCE

**U<sub>factor</sub> ≥ 0,14 Btu/h·ft<sup>2</sup>·F**

### MAX. ACOUSTIC PERFORMANCE

**47 dB**

### OPENING STYLES

**Inswing Door**  
**Outswing Door**



With a base thickness of 3 in, the OptiFusion system offers the perfect balance between energy saving and cost optimization. The solid Class A profiles allow the use of triple-glazed insulating glass units for superior insulation as well as protection against noise and intrusions. The slim and efficient design of OptiFusion makes it an appropriate choice even for projects requiring large joineries and openings.

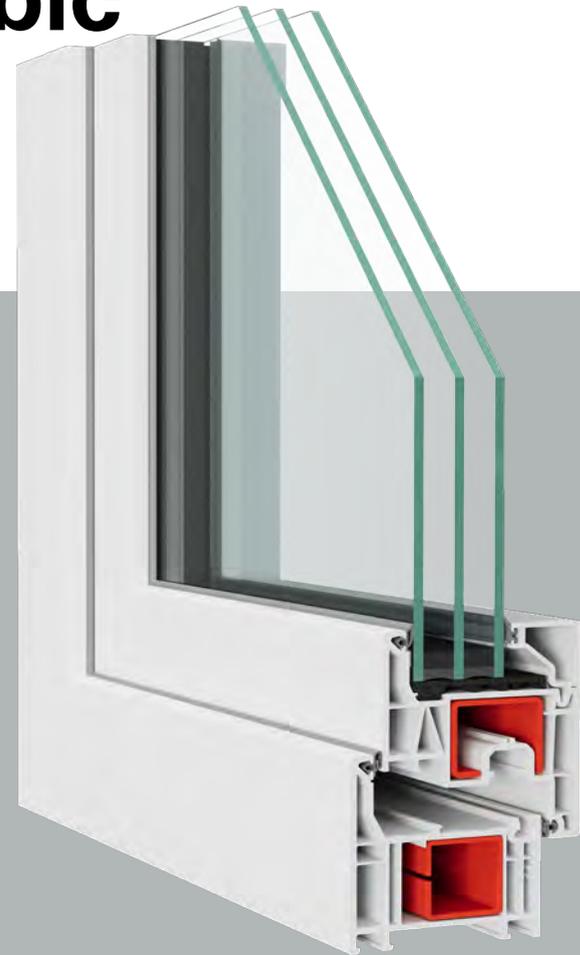
\*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.



©RAVEN windows

# OptiFusion Cubic

## Double Gasket Window



### PRODUCT GEOMETRY

**3 in**

sash depth: **3 1/8 in**  
5 insulation chambers

### IGU OPTIONS

**Double/Triple-Pane**

maximum IGU thickness: **1 7/8 in**

### THERMAL PERFORMANCE

**U<sub>factor</sub> ≥ 0,13 Btu/h·ft<sup>2</sup>·F**

### MAX. ACOUSTIC PERFORMANCE

**45 dB**

### OPENING STYLES

**Tilt & Turn**  
**Casement**  
**Hopper / Awning**  
**Fixed**



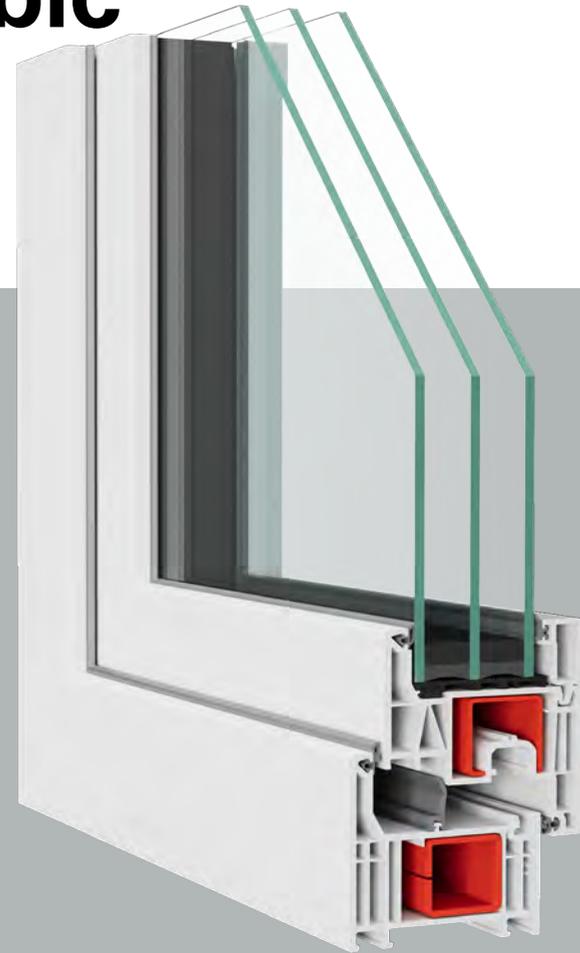
Our OptiFusion Cubic windows provide a modern and elegant aesthetic to your home. They stand out through their thermal insulation performance, tested to passive house standards, as well as their resistance to severe weather conditions. The double gasket variant has a frame depth of 3 in and a sash measuring 3 1/8 in which, together with the system's minimalist design, makes it suitable for any type of home. The triple gasket variant adds another insulation chamber to the same construction dimensions for even better performances.

\*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.



# OptiFusion Cubic

Triple Gasket Window



## PRODUCT GEOMETRY

**3 in**

sash depth: **3 1/8 in**  
6 insulation chambers

## IGU OPTIONS

**Double/Triple-Pane**

maximum IGU thickness: **1 7/8 in**

## THERMAL PERFORMANCE

**U<sub>factor</sub> ≥ 0,13 Btu/h·ft<sup>2</sup>·F**

## MAX. ACOUSTIC PERFORMANCE

**45 dB**

## OPENING STYLES

**Tilt & Turn**  
**Casement**  
**Hopper / Awning**  
**Fixed**



Our OptiFusion Cubic windows provide a modern and elegant aesthetic to your home. They stand out through their thermal insulation performance, tested to passive house standards, as well as their resistance to severe weather conditions. The double gasket variant has a frame depth of 3 in and a sash measuring 3 1/8 in which, together with the system's minimalist design, makes it suitable for any type of home. The triple gasket variant adds another insulation chamber to the same construction dimensions for even better performances.

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# OptiFusion Cubic

Entry Door

## PRODUCT GEOMETRY

**3 in**  
double gasket  
sash depth: **3 1/8 in**  
6 insulation chambers

## IGU OPTIONS

**Double/Triple-Pane**  
maximum IGU thickness: **1 7/8 in**

## THERMAL PERFORMANCE

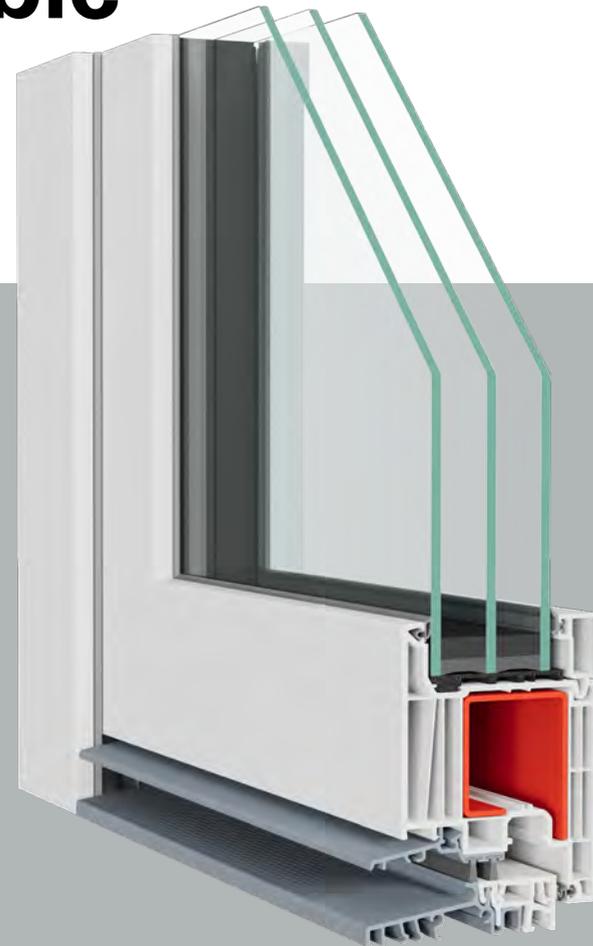
**U<sub>factor</sub> ≥ 0,13 Btu/h·ft<sup>2</sup>·F**

## MAX. ACOUSTIC PERFORMANCE

**45 dB**

## OPENING STYLES

**Inswing Door**  
**Outswing Door**



\*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.



Our OptiFusion Cubic windows provide a modern and elegant aesthetic to your home. They stand out through their thermal insulation performance, tested to passive house standards, as well as their resistance to severe weather conditions. The double gasket variant has a frame depth of 3 in and a sash measuring 3 1/8 in which, together with the system's minimalist design, makes it suitable for any type of home. The triple gasket variant adds another insulation chamber to the same construction dimensions for even better performances.



# OptiFusion Cubic

Lift & Slide

## PRODUCT GEOMETRY

**3 in**  
double gasket  
5 insulation chambers

## IGU OPTIONS

**Double/Triple-Pane**  
maximum IGU thickness: 1 7/8 in

## THERMAL PERFORMANCE

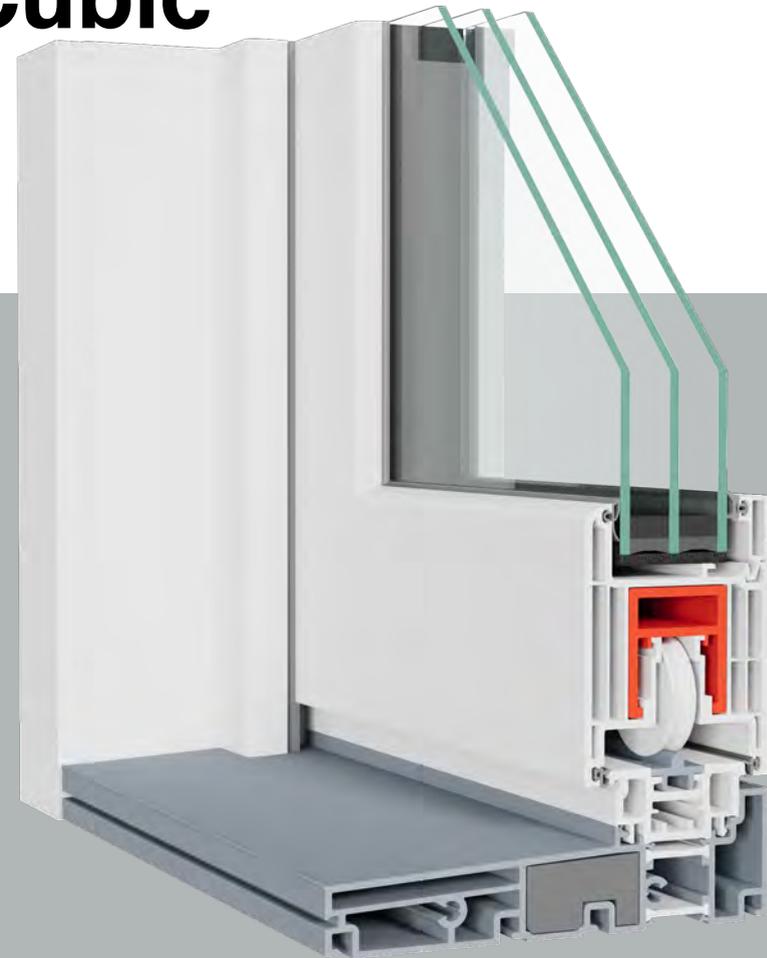
**U<sub>factor</sub> ≥ 0,13 Btu/h·ft<sup>2</sup>·F**

## MAX. ACOUSTIC PERFORMANCE

**45 dB**

## OPENING STYLES

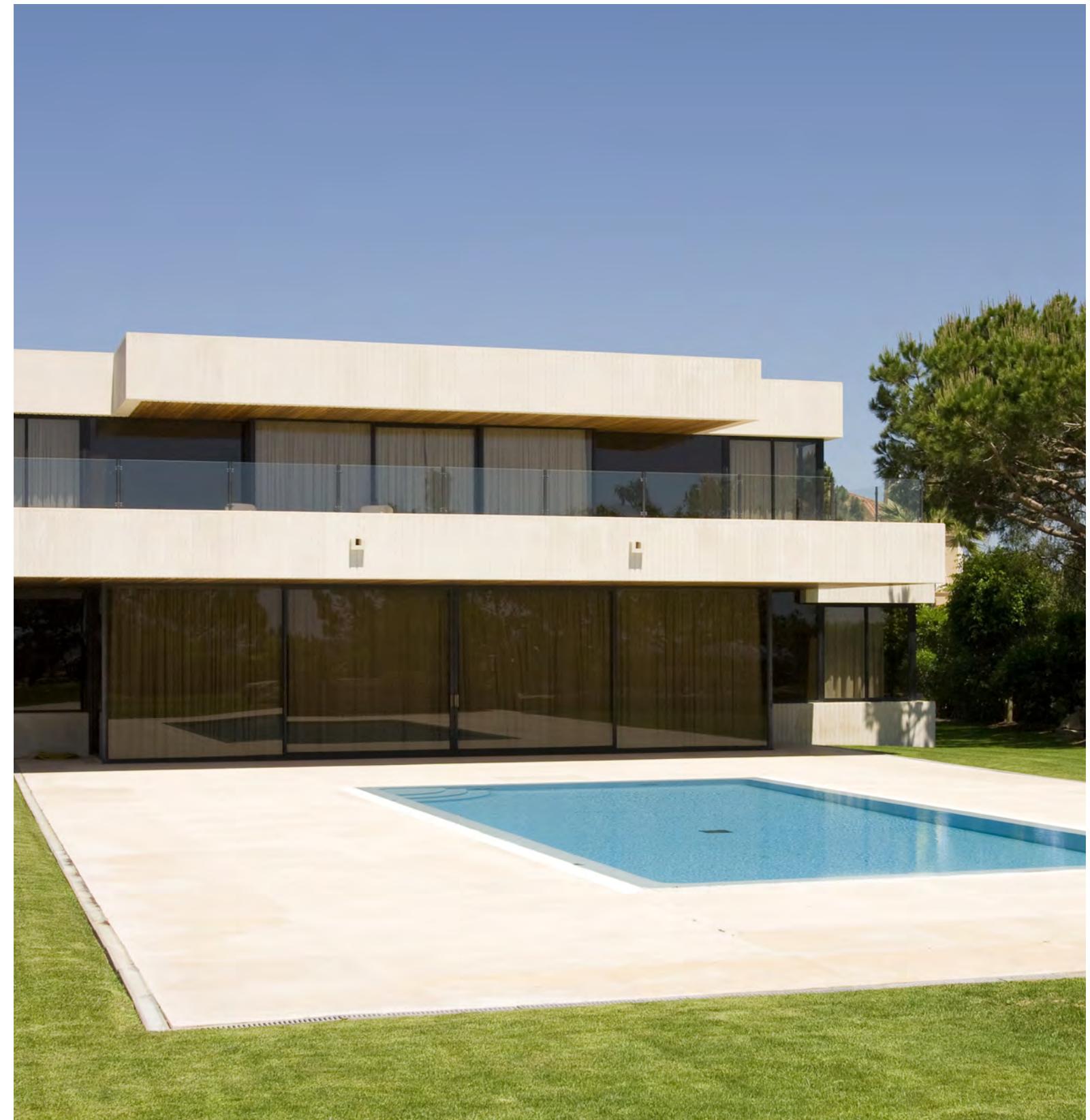
**Multi-Slide Patio Door**



\*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.

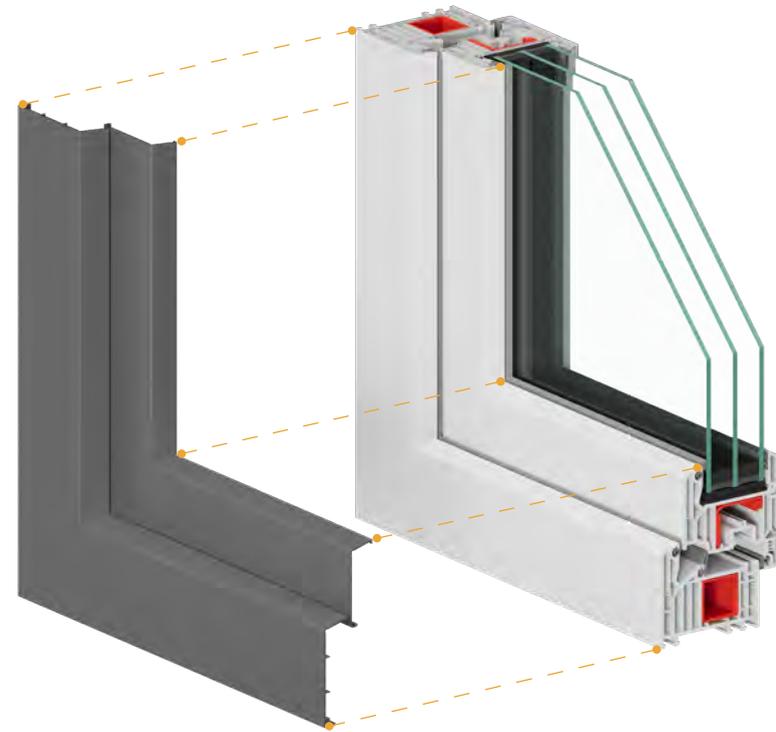


The OptiFusion Cubic sliding door comes with a 5-chambered sash and a frame depth of 3 in providing comfort, safety and weather protection. The low threshold facilitates access whilst also ensuring that large elements can be opened and controlled easily.



# Aluminum cladding of PVC joinery

Aluminum cladding skilfully combines the best of both worlds. On one hand, the reliability and resistance of Aluminum which also offers an elegant appearance to the entire system; on the other, the special thermal and acoustic insulation properties of PVC windows and doors.



## TECHNICAL SPECIFICATIONS

The profiles are cladded only on the outside using extruded aluminum profiles with a thickness of 0.06 in.

Available in all RAL colors and wood imitations.

Easy to maintain, protects the joinery whilst improving its aesthetics.

High resistance to mechanical and climate factors.

# V-Perfect Welding

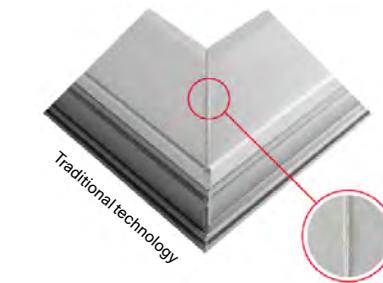
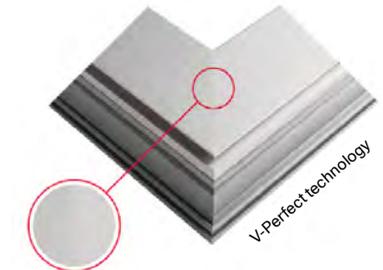
PERFECTION IS RIGHT AROUND THE CORNER



## GOOD TO KNOW:

The standard is available for foiled profiles.  
The delivery time is the same as for conventional welding.

Thanks to this patented technology, which allows the perfect alignment of the profile junctions and the removal of welding marks, the PVC window's corner finish can reach a quality level equal to that of wooden or aluminum windows. The appearance of the V-Perfect weld answers the current architectural needs, thus addressing the complex and constantly evolving requirements imposed by the market.



Min / Max Size: 11 3/4" x 11 3/4" / 110 1/4" x 125 3/4"

Available for the full range of PVC products

Conventional welding is still available



A quality hardware guarantees the optimal usage and safety of the joinery, Optimedia offering you both Winkhaus and Maco solutions. In any variant, the reliability guaranteed at over 15.000 closing-opening cycles, water tightness, multi-point locking and anti-burglary systems are just some of the advantages of the hardware we use. Joineries equipped with our hardware provide protection against incorrect handling and discreet ventilation positions which are secured against burglary attempts.

Optimedia offers you window handles with a patented security mechanism, Secustik, which prevents the window from being operated from the outside. As standard, the handles and hinge covers can be white or brown, with silver, bronze, gold, black, dark brown or cremeweiss being available on demand. The door handles we offer also cover a wide range of shapes and colors (white, brown, silver or gold).

# Hardware and Handles



**WE OFFER TWO TYPES OF SYSTEMS FOR ENTRANCE DOORS:**

Two lever handles inside/outside

A lever handle on the inside and a pull handle on the outside

For the exterior, we also offer rail handles with dimensions ranging from 15 ¾ in to 70 ⅞ in.



Black

Brown

Bronze

Silver

White

Option 1 - Toulon

Option 2 - Atlanta

# Window Handles



Black

Brown

Bronze

Gold

Silver

Cream

White

# Door Handles



Option 1



Option 2

# Special Handles

Ensuring the safety and comfort of our customers is our top priority. That's why we offer hardware and handles designed with specialized features to meet your needs. In the event of an emergency evacuation, our thumb turn cylinder allows doors to be opened effortlessly. Additionally, our ADA-compliant handle adheres to accessibility standards providing ease of use for individuals with disabilities.

To complement your style, we also provide a wide range of color options, combining functionality with design.

## THUMB TURN CYLINDER



## ADA-COMPLIANT HANDLE



**Design:** The nearly 7-inch handle is ergonomically crafted, ensuring a secure grip and effortless operation from various angles and heights.



**Performance:** Our specialized hardware, enables smooth functionality with minimal physical effort required, prioritizing ease of use for all.



**Colors:** A variety of color options are available, including white, brown, bronze and silver.



# Glass

Glass represents approximately 80% of a joinery's surface. Optimedia equips its products with Saint Gobain Glass or Guardian glazings that meet thermal, acoustic and security requirements, whilst ensuring the desired indoor ambiance. Their winter-summer comfort function maintains a pleasant interior atmosphere throughout the year, with the sheen of their coating giving the space a touch of elegance.

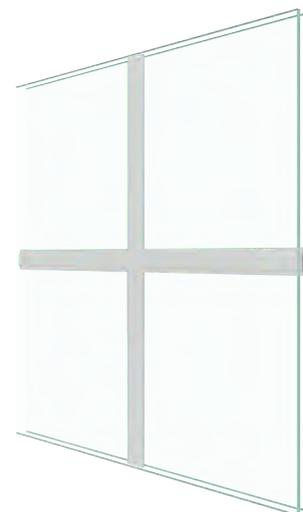
## CONFIGURATION OPTIONS

For design purposes or to protect you from prying eyes, Optimedia offers you a wide range of decorative glass with a large number of models, textures and colors.

Also, for added style and elegance, you can choose between georgian and astragal bars. These can be of different sizes, colors and shapes, made of PVC or Aluminum.



**Astragal Bars**  
1" x 3/8" or 1 5/8" x 3/8"



**Georgian Bars**  
3/4" x 1/4" or 1" x 1/4"

# Tempered glass: Optimedia ESG

ESG is a type of glass that, following the tempering process, shows a considerably higher resistance to mechanical and thermal stresses compared to ordinary glass (including laminated glass). In case of breakage, ESG glass fragments into small pieces with blunt edges. Its superior mechanical properties recommend it for large glazed elements.

## USES:

**Architectural:** all types of interior or exterior windows, doors and glass assemblies, consisting of independent or linked elements, facades, glazed roofs, stairs and even glass floors;

**Urban furniture:** telephone booths, public transport stations, parapets;

**Interior furniture:** table tops, shower cabins, shelves, furniture.

## WHY ESG (TEMPERED) GLASS?



ESG glass is 50% lighter than laminated glass, thus facilitating its transport and assembly whilst at the same time extending the joinery's life by reducing the load on the hardware.



It is 5 times more resistant to tension, shocks and bending stresses compared to an ordinary or laminated glass of the same thickness.



It reduces the risk of injury in case of breakage, by fragmenting into small, blunt pieces and limits the risk of break-ins.

# Color palettes

With a palette of over 10 colors and textures (different wood imitations as well as solid matte or metallic colors) we offer a customized solution for everyone's taste ensuring diversity, durability and color resistance over time.

You can opt for white on two sides, white on the inside/color on the outside or color on both sides.

The three options for gaskets perfectly complement the profile offer. Depending on Optimedia's standard regarding gasket to PVC body color combinations, the available options are: gray gaskets on white and cream profile bodies, black gaskets on gray and brown bodies and caramel gaskets on caramel bodies.

Color reproductions are only partial and approximate. For the complete and accurate color range, please **consult the official Optimedia color palettes.**

## AVAILABLE BODY COLOR OPTIONS:

- OptiFusion** - white, cream, brown, caramel, gray
- OptiFusion Cubic Lift & Slide**- white, gray
- OptiFusion Lift & Slide**- white

## GASKET COLORS IN THE CASE OF LAMINATED PROFILES



## Exterior / Interior Colors - Extended Warranty Available



## Interior Colors



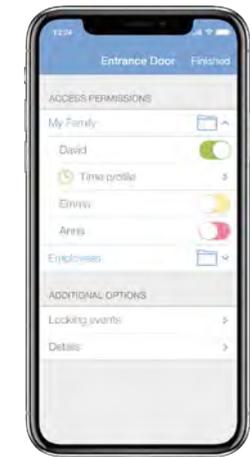
# Smart Keys

Together with our top supplier, we are proud to present an electronic locking system that offers enhanced flexibility, complete control, and a comprehensive overview of your entire locking setup. Compared to traditional mechanical locking systems, the smart keys developed by WinkHaus excel in their user-friendly design, robust security, and long-term cost savings.

## APPLICATIONS:

**Homes:** blueCompact is perfect for smart homes and residential buildings;

**Businesses:** blueSmart is an ideal solution for growing businesses and commercial buildings; The system supports the integration of hundreds of cylinders and keys, providing scalability and efficiency.



## ADVANTAGES

### Convenience

Easily manage your entire locking system with an app

### Flexibility

Grant access or block lost keys at the flick of a switch

### More control

All locking events can be closely monitored

### Remote access

Locking authorisations can be issues remotely

### Security

Data is only stored on the masterkey

### Practicality

Easy installation and flexible expansion



Masterkey

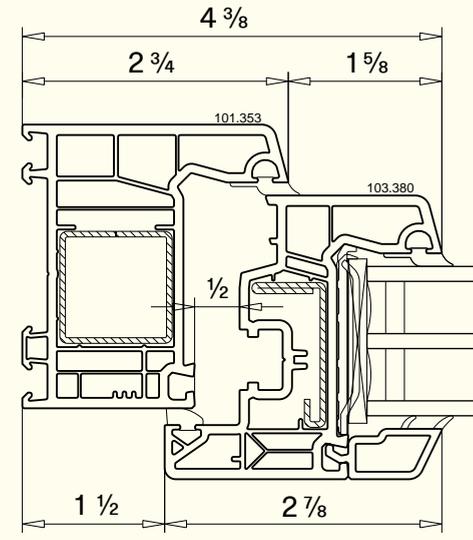
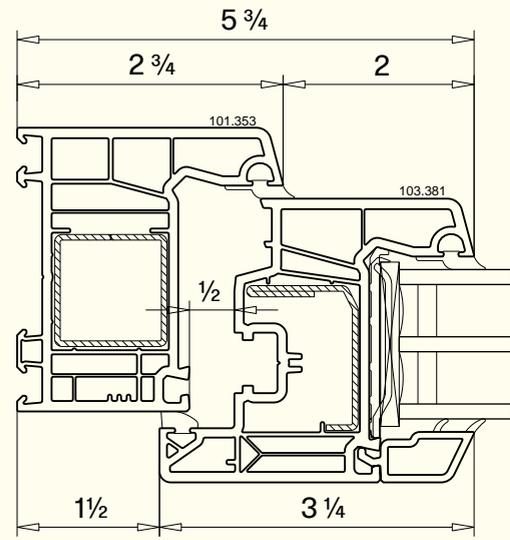


Cylinder

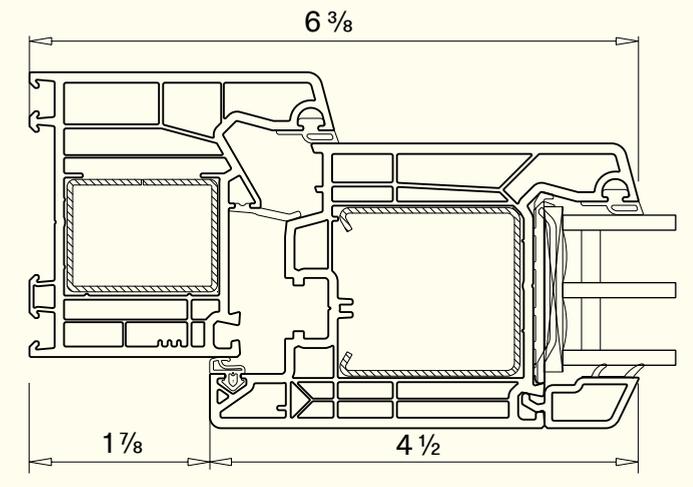
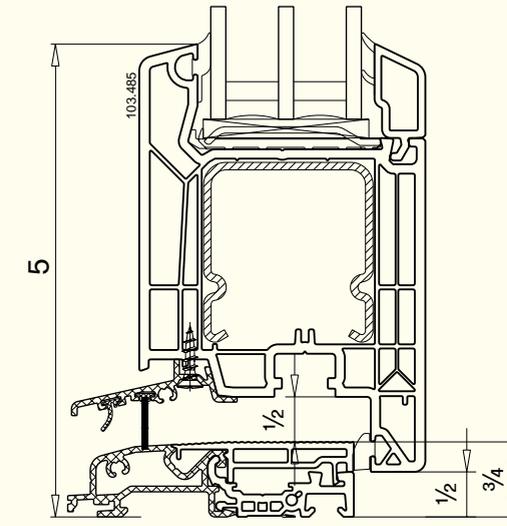


Keys, available in 5 colours

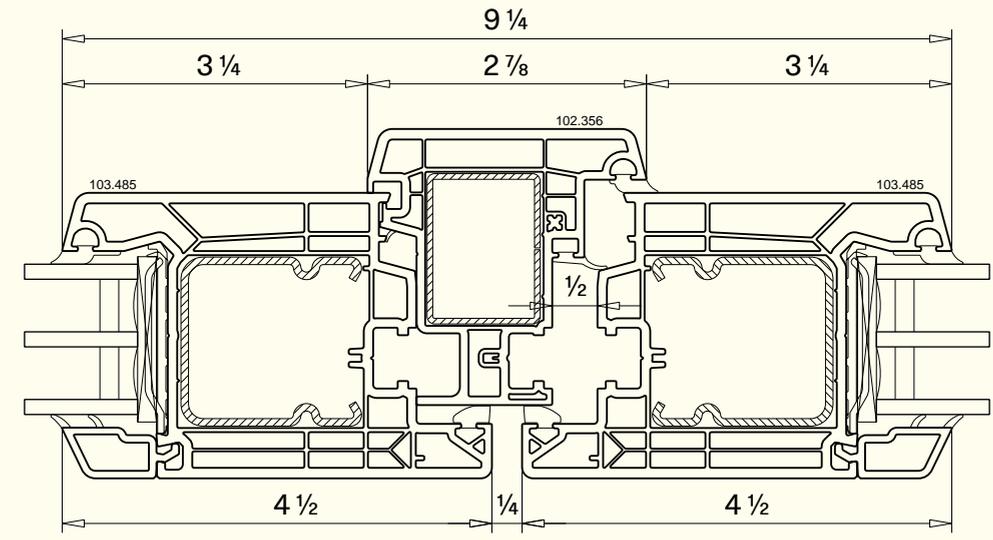
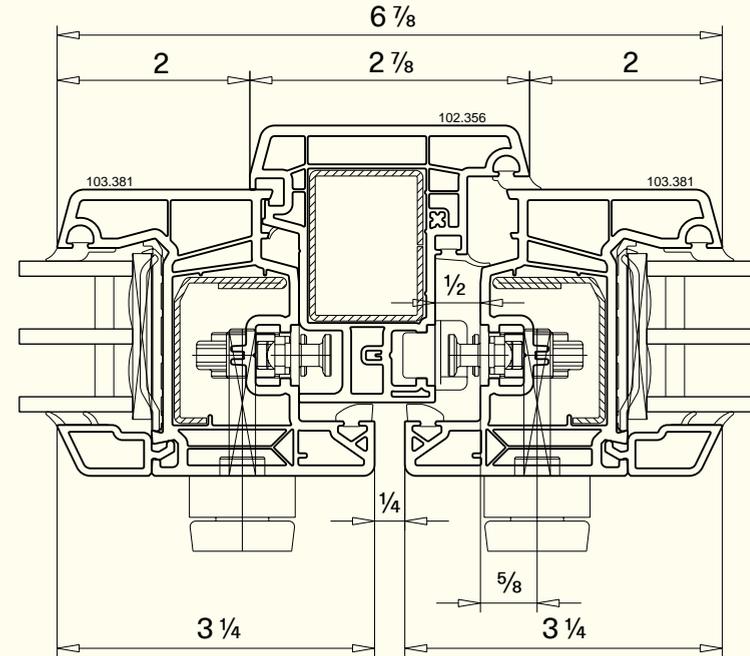
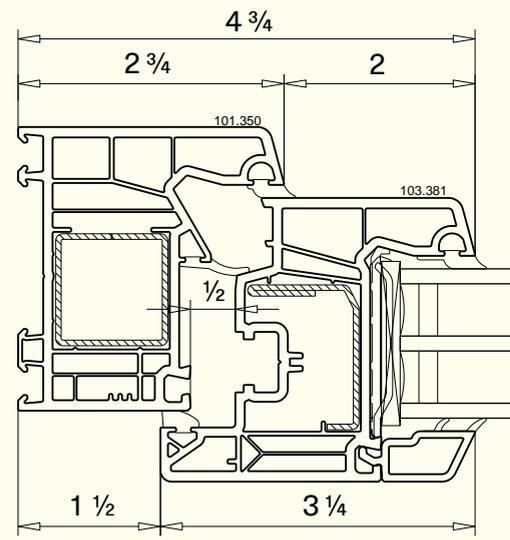
**OptiFusion Double Gasket Window**



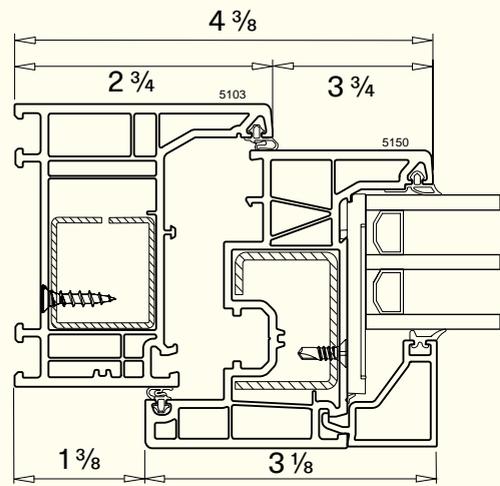
**OptiFusion Entry Door**



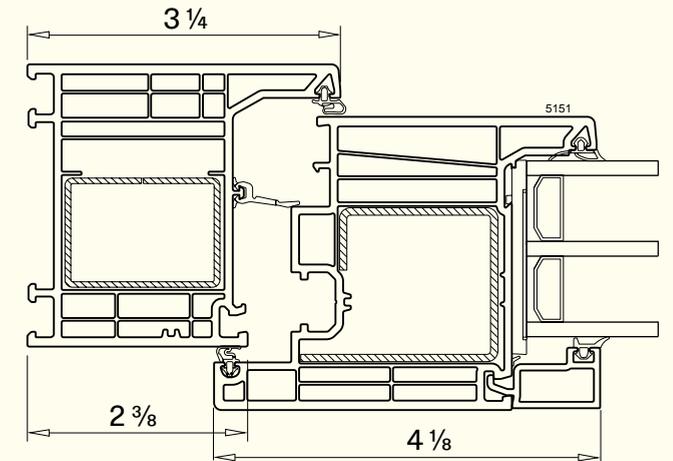
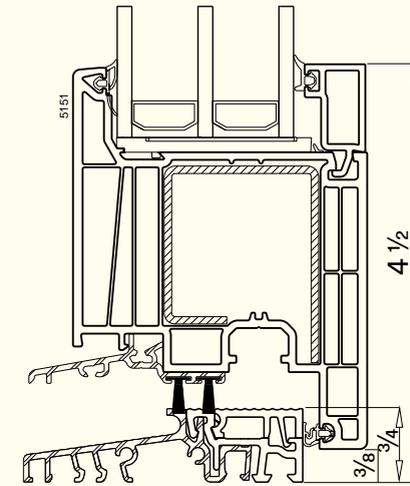
**OptiFusion Triple Gasket Window**



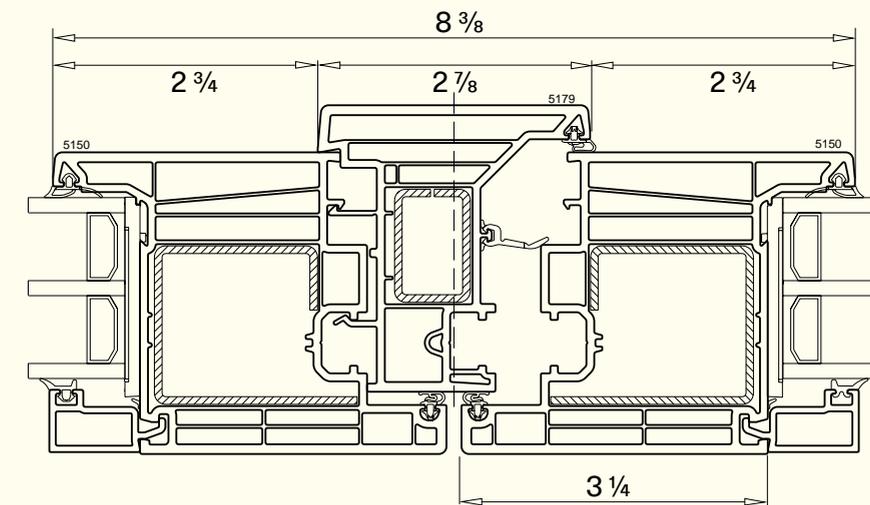
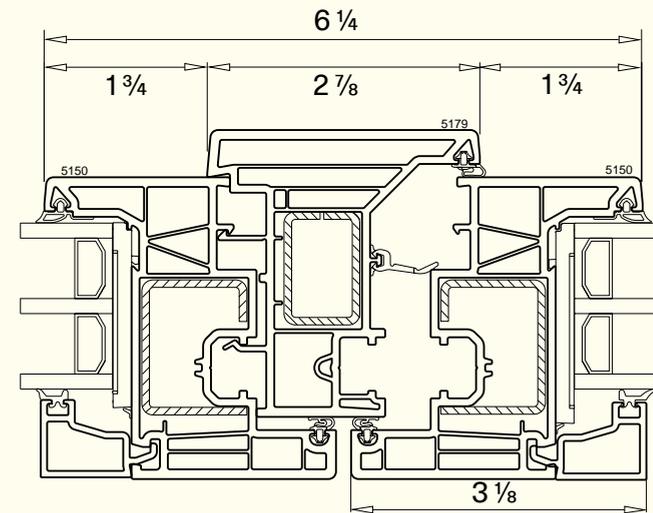
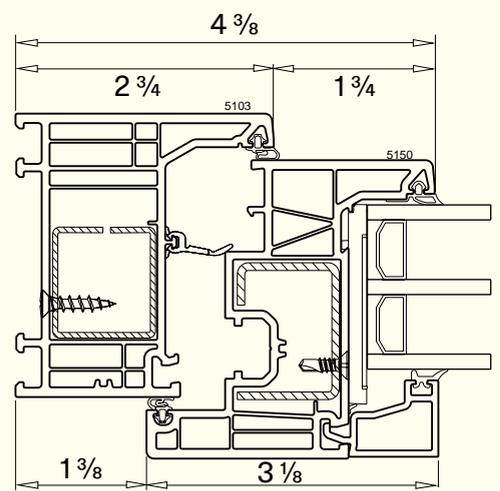
OptiFusion Double Gasket Window



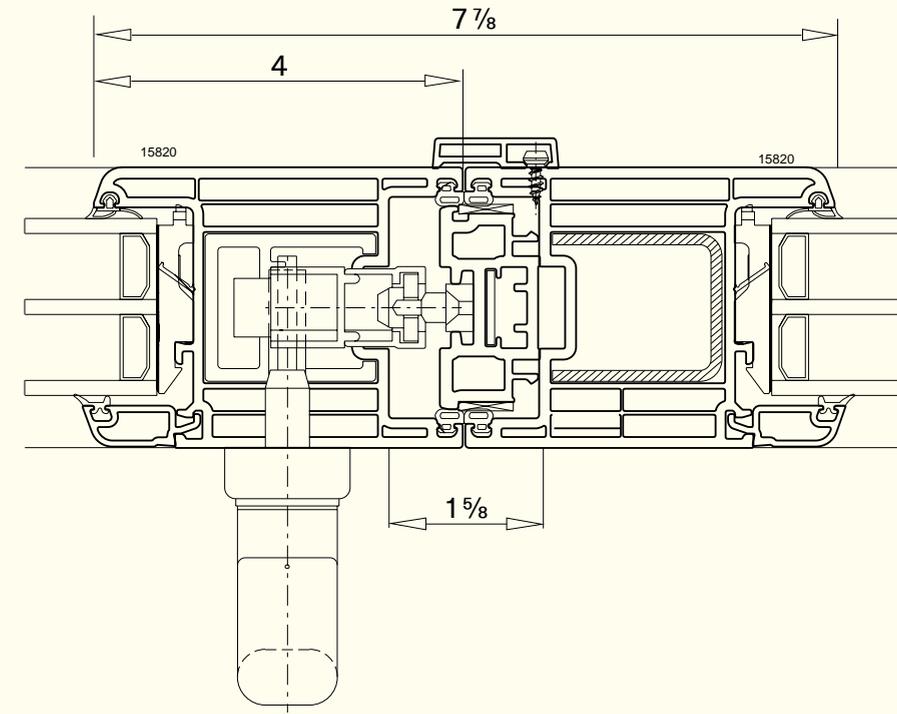
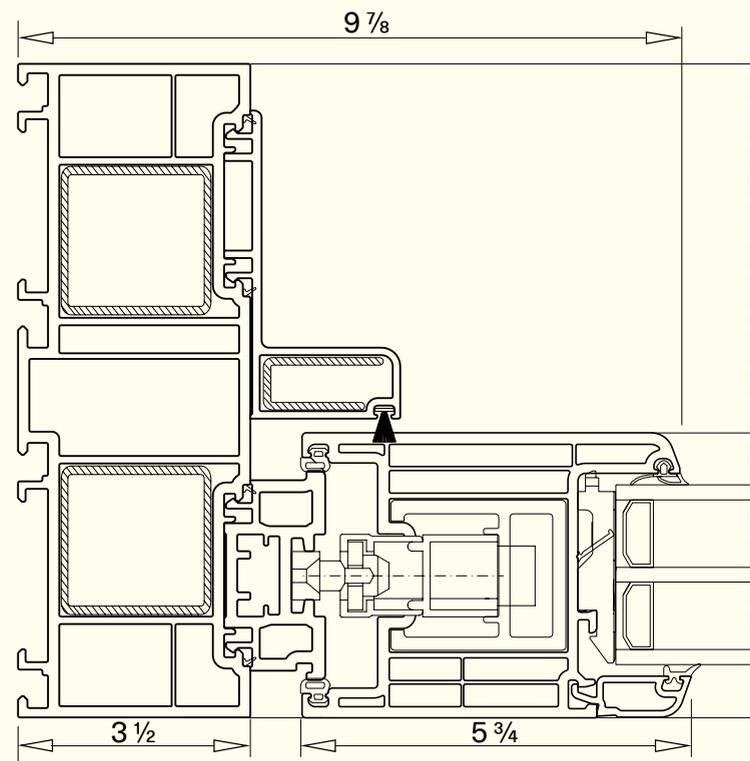
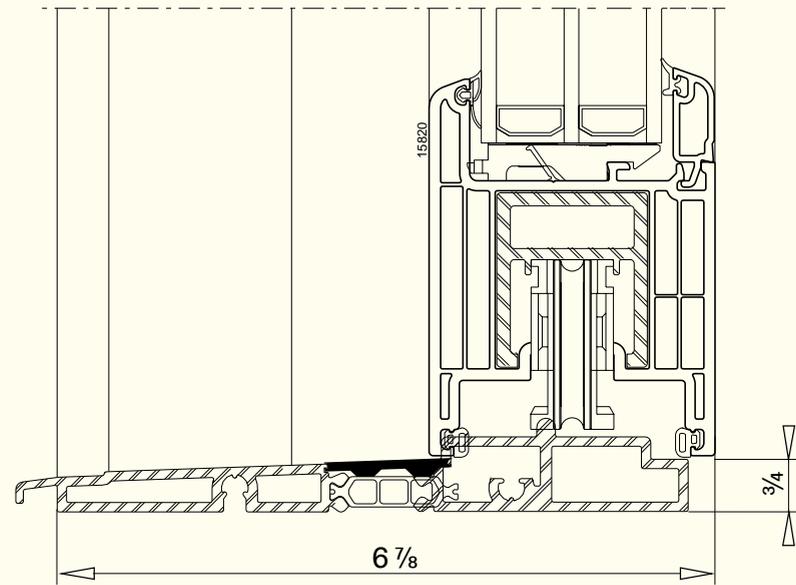
OptiFusion Entry Door



OptiFusion Triple Gasket Window



OptiFusion Lift & Slide



# Join the Optimedia team

We are constantly recruiting agents to represent Optimedia. We export to all continents and offer extensive sales support and packages so you can be an exceptional dealer in your area.



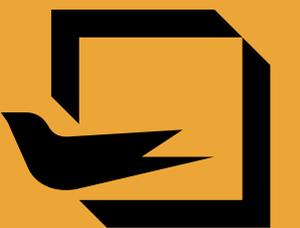
## Contact

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