



STEEL CATALOG

ABOUT SKYGEN

Welcome to SKYGEN.

Here, we elevate your vision and transform your spaces.

Driven by innovation and craftsmanship, SKYGEN gained its trust as the most reliable windows and doors supplier across Canada and United States. Working side by side with designers, general contractors, builders, architects and construction companies, we deliver impeccable service and solutions for everybody.

Our client is always our top priority. Each project has its own unique story and needs a personalized approach. We strive to be that companion who is always there for you. Let us take care of every detail, from manufacturing your customized design to installing it.

At SKYGEN you will find a variety of doors, windows, pergolas, and sliding systems of exceptional quality. We are proud of trustful and long-term relationships with our clients, as we set high standards and implement only modern techniques in the work process.

Our work speaks louder than words. We've already become a top specialist in planning, projecting, and supplying doors and windows for Canadians. Do you want to know why? Reach out to us or come to our showroom, located at 6210 Northwest Dr Mississauga. Our doors and windows are always open for you!

SKYGEN IN NUMBERS

50+

Products in offers

90

Days to deliver
your order

67

Business partners

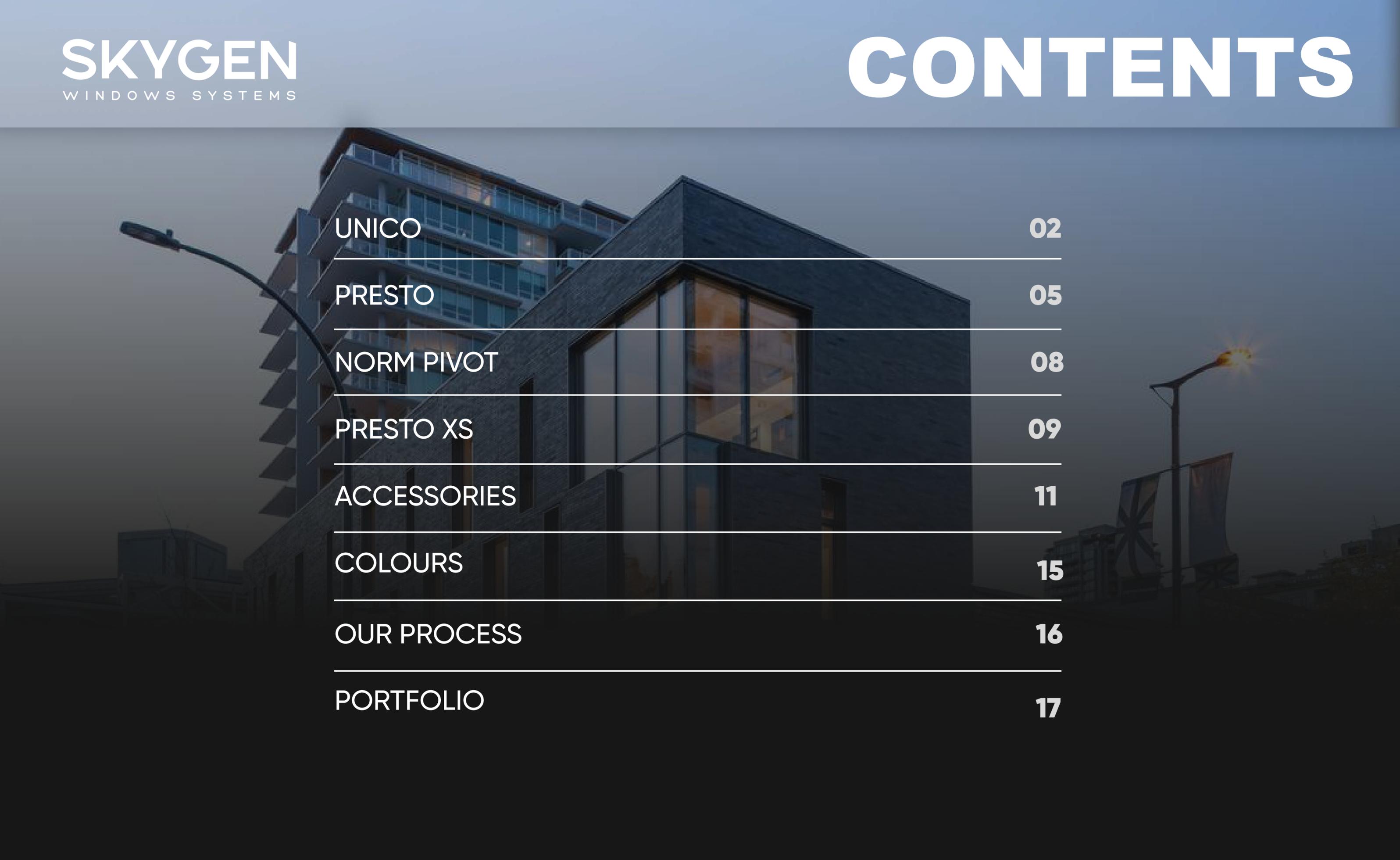


Skygen Windows System

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SKYGEN
WINDOWS SYSTEMS



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STEEL

Steel windows are a popular choice for heritage, commercial and residential buildings. They offer a unique combination of strength, durability and aesthetic appeal that sets them apart from other types of windows



- Galvanized steel profiles
- Maximum glazing thickness of the window up to 60 mm
- A thermal break made of stainless steel
- Gaskets made of two-component synthetic rubber EPDM, which guarantees resistance to ageing during many years of operation and very good thermal insulation
- High aesthetics of workmanship - welded structure
- Welded joints are ground and polished
- Thermal break for additional structure stabilization
- The system is recommended for use in energy-saving construction
- The ability to create large-size structures
- Possibility of making the HI version
- For use in both traditional and modern construction
- Powder coated profiles



UNICO

WINDOW SYSTEM

Window and door system with a thermal break. It can successfully find application in residential construction, including energy-saving construction. The system is characterized by excellent static parameters.



3	3	70	62
Gaskets	Chambers	Installation depth (mm)	Folding height (mm)



Hidden fittings



Single and double sash window



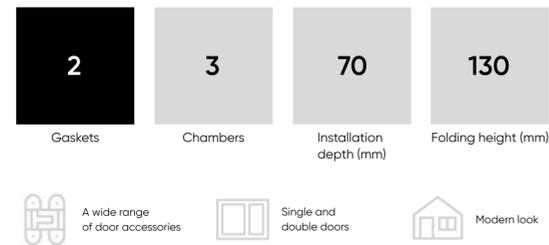
Modern look



UNICO

DOOR SYSTEM

UNICO warm steel systems are characterized by an excellent heat transfer coefficient while maintaining slender structures. The system has a thermal break in the form of a welded stainless steel grid inside the profiles.



- Filling with glass or panel, aluline panel garage door panel
- Profiles double sealed around the perimeter
- Welded hinges with up / down adjustment
- Maximum door glazing thickness up to 42 mm
- Both single-point and multi-point locks

- The possibility of using anti-panic fittings
- Gaskets made of two-component synthetic rubber EPDM, which guarantees resistance to ageing during many years of operation and very good thermal insulation
- Powder coated profiles



- Opening inwards and outwards
- The system is recommended for use in energy-saving construction
- The ability to create large-size structures
- Possibility of making the HI version
- For use in both traditional and modern construction
- Galvanized steel profiles
- High aesthetics of workmanship - welded structure welded joints are ground and polished
- A thermal break made of stainless steel
- The door is available with and without a threshold (self-closing threshold)
- Thermal break for additional structure stabilization

UNICO



INNOVATIVE LOGISTICS

Our revolutionary logistics and distribution model of windows and doors is the most dependable in Canada & United States. From the manufacturer to your doorstep, we guarantee a seamless and trustworthy process.

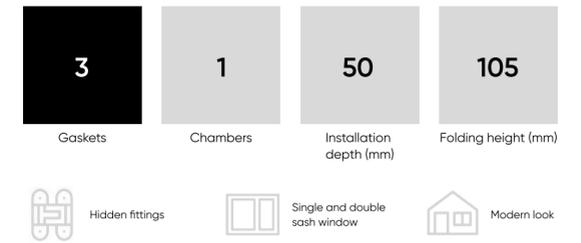


PRESTO

PRESTO

WINDOW SYSTEM

Window and door system without a thermal break. Due to its insulating parameters, it is ideal for making architectural elements that do not require thermal insulation.



- Powder coated profiles
- High aesthetics of workmanship - welded structure
- Welded joints are ground and polished
- Cost-effective system
- Possibility of making large-size structures
- An elegant finish system
- A flush sash with a frame on the outside
- For use in both traditional and modern construction

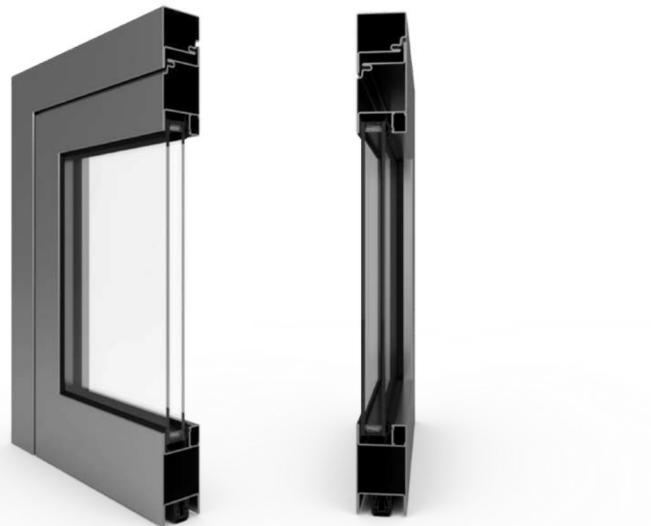
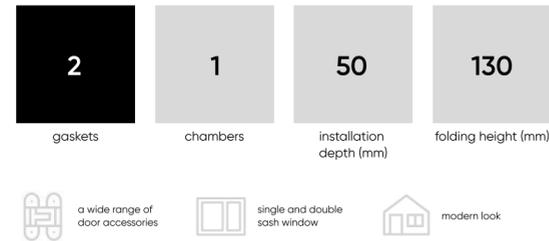
- Galvanized steel profiles
- Frame and sash made of the highest quality
- Single-chamber steel sections
- Without a thermal break, with a wall thickness of 1.5 mm
- The system allows the use of glass sets with a thickness of 6 to 36 mm



PRESTO

DOOR SYSTEM

Profiles are made of galvanized sheet, which combined with two-layer powder coating is a guarantee perfect anti-corrosion protection.



- The system allows the use of glass sets with a thickness of 5 to 26 mm
- Galvanized steel profiles
- Frame and sash made of the highest quality single-chamber steel sections
- Without a thermal break, with a wall thickness of 1.5 mm
- High aesthetics of workmanship - welded structure

- Welded joints are ground and polished
- Cost-effective system,
- Possibility of making large-size structures
- System with an elegant finish - flush sash with frame
- For use in both traditional and modern construction



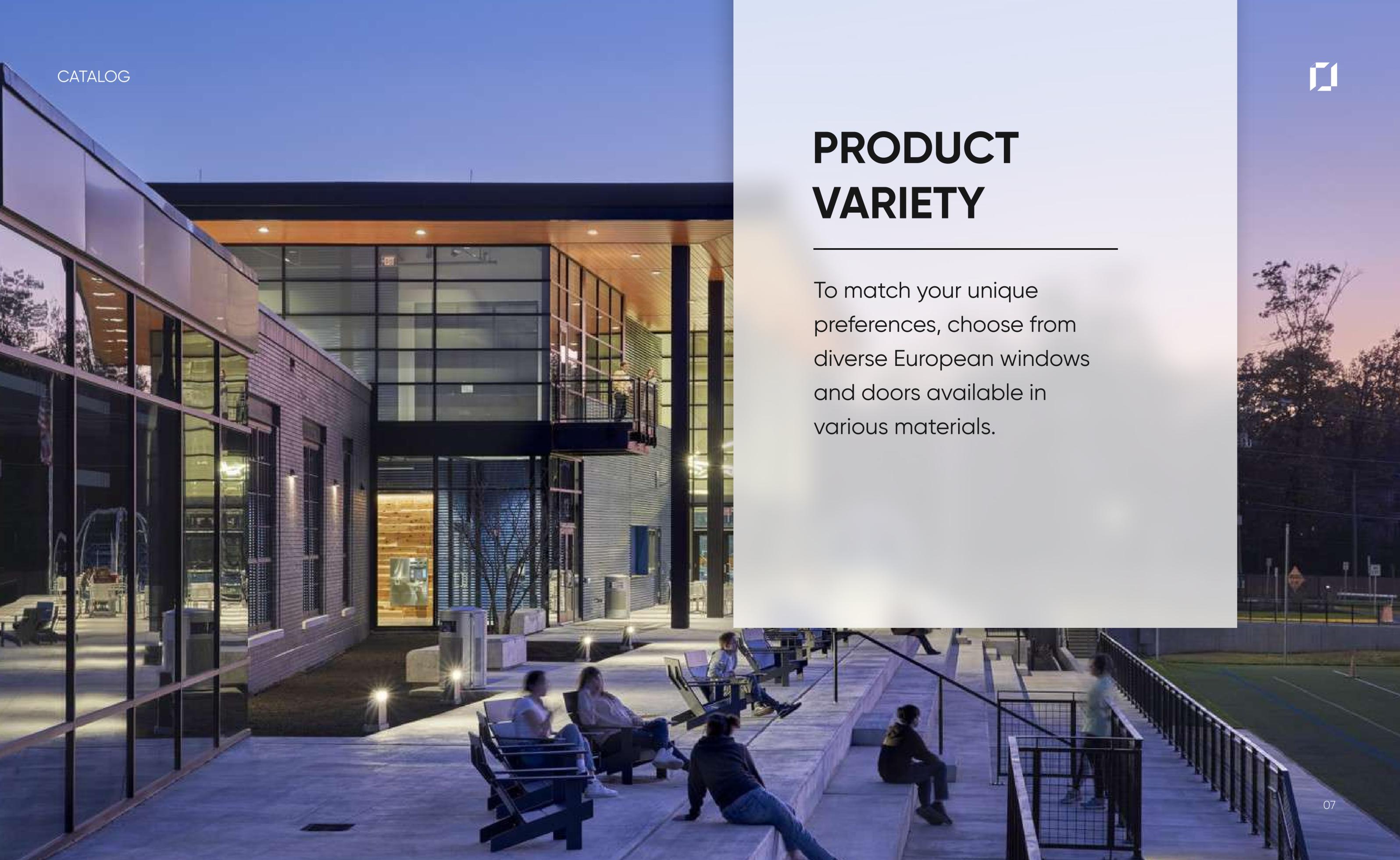
- Double profiles sealed around the perimeter
- Filling with glass or panel, aluline panel, garage door panel
- Door in a version without a threshold (self-closing threshold)
- Opened from the inside and outside
- Welded hinges with up / down adjustment
- Single-point locks
- Gaskets made of two-component synthetic rubber EPDM, which
- Guarantees resistance to ageing during many years of operation
- And very good thermal insulation
- The possibility of using anti-panic fittings
- Powder coated profiles

PRESTO



PRODUCT VARIETY

To match your unique preferences, choose from diverse European windows and doors available in various materials.



- Maximum width 1000 mm
- Maximum height 2600 mm
- Weight up to 100 kg
- Self-locker can be locked in the open position
- Aesthetic steel – smoothed and polished welds
- Glass or panel filling
- Powder-coated profiles
- Steel available in any color from the RAL palette
- 1.5 mm thick profiles walls,
- Non-galvanized steel profile



NORM PIVOT



NORM PIVOT

DOOR SYSTEM

Modern swing doors that are made of steel and glass. Choice of the highest quality materials resulted in products of extraordinary durability, which are also safe to use. The doors embody classic aesthetics that also fits into modern design. It allows for their versatile use in both traditional and contemporary arrangements.



Glazing gaskets



Chambers



Construction depth [mm]



Double-swing action



Interior doors



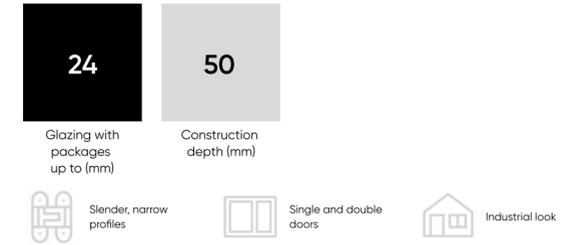
Industrial design



PRESTO XS

DOOR SYSTEM

Presto XS is a single-chamber, narrow-profile steel system without a thermal break for use in internal structures with a depth of 50 mm. The system includes complete solutions in the field of fittings and accessories and can be used for the production of doors, partitions and display cabinets.



- Construction depth 50 mm
- System without a thermal break
- Glazing with packets up to 24 mm
- Internal installation system
- Profile connections are welded and ground which makes the connections invisible
- Welded hinges with up / down adjustment
- Profiles flush both inside and outside
- Filling with glass or panel

- Visible width of sections from 23 mm (fixed windows)
- Min. visible width for the cross-section (frame + sash): 45 mm
- Opened from the inside and outside
- Very narrow profiles
- Powder coated profiles
- For use in both traditional and modern construction



SWIFT ORDER PRODUCTION

Experience seamless processes with quick delivery. We pride ourselves on short waiting times for all orders – around 3 months! Our dedicated team of door and window installers in Toronto ensures a hassle-free experience.



WINDOW HANDLES



GLASS

The selection of a glazing package is often limited to the selection of the number of panes, which makes them more or less energy-efficient. However, our offer is much wider. We offer energy-saving, sound-absorbing, safe, anti-burglary and anti-sun glass panes. Additionally, we have a wide range of ornamental glass in dozens of designs to choose from.

The inter-pane space of the formed glazing units is usually filled with 90% argon. We also offer krypton-filled glass, thanks to which it is possible to obtain a heat transfer coefficient of up to 0.3 W / m²K.

The possibility of combining different types of glass and a smaller or larger number of panes allows for obtaining the appropriate parameters for each type of windows and doors from our offer.



DECORATIVE GLASS

Insulated glass with decorative glass is an excellent choice for windows, doors and partition walls. Decorative glass will work in homes, offices, shops, hotels and restaurants.

Depending on the selected pattern, they can not only increase privacy, but also brighten the interior, thanks to which it will be optically larger, which is another advantage.



We present a summary of the basic types of insulating glass with a description

1

1-CHAMBER GLAZING PACKAGES



Single-chamber double glazing composed of two glass panes. It is a standard for basic window and door systems.

2

DOUBLE CHAMBER



Double-chamber double glazing, increasing thermal comfort in the room. Separation of the inter-pane space with an additional glass pane significantly reduces heat transfer.

3

SOUND-ABSORBING



Insulating glass units with a special acoustic foil provide an increased level of soundproofing.

4

SECURE



Laminated and/or toughened panes increase safety. Their puncture or shatter resistance is tailored to the customer's requirements.

5

SOLAR CONTROL



Glass allowing the reduction of the flow of light and solar energy into the room. They are offered with selective, absorbent or reflective glass.



MUNTINS

Aluminium muntins give the windows an elegant and unique character, and in some cases are an indispensable decorative element referring to the old architectural style.

Our offer includes both glazing muntins, glued on the glass, and Viennese muntins (the so-called duplex). Each offered type is available in several widths and many colours.



DOOR HINGES

Efficient with up / down adjustment.

ADDITIONAL ACCESSORIES

- Connectors
- Extensions
- Anti-drill handle
- Anti-panic fittings
- C type insert
- Diverse selection of espagnolettes
- Viewfinder
- A cat flap
- A letter slot



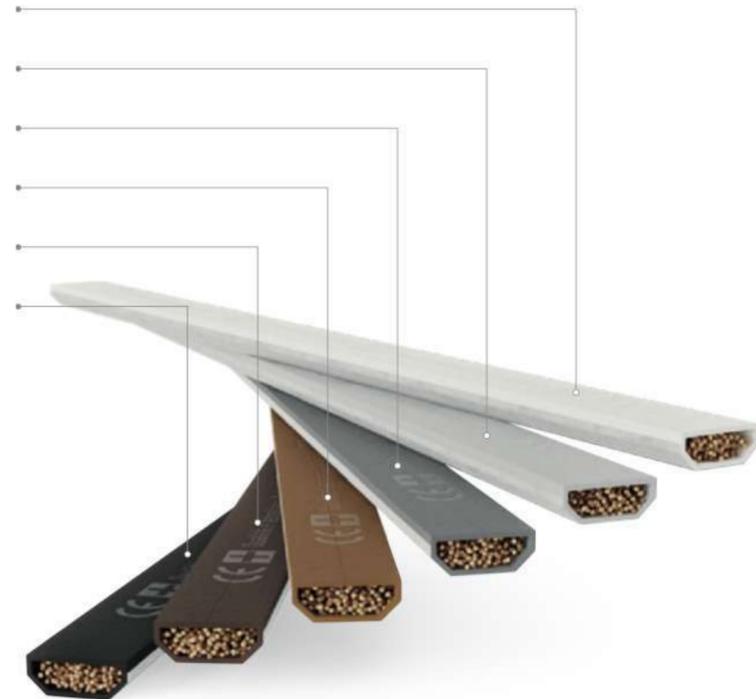


SWISSPACER ULTIMATE SPASER FRAMES

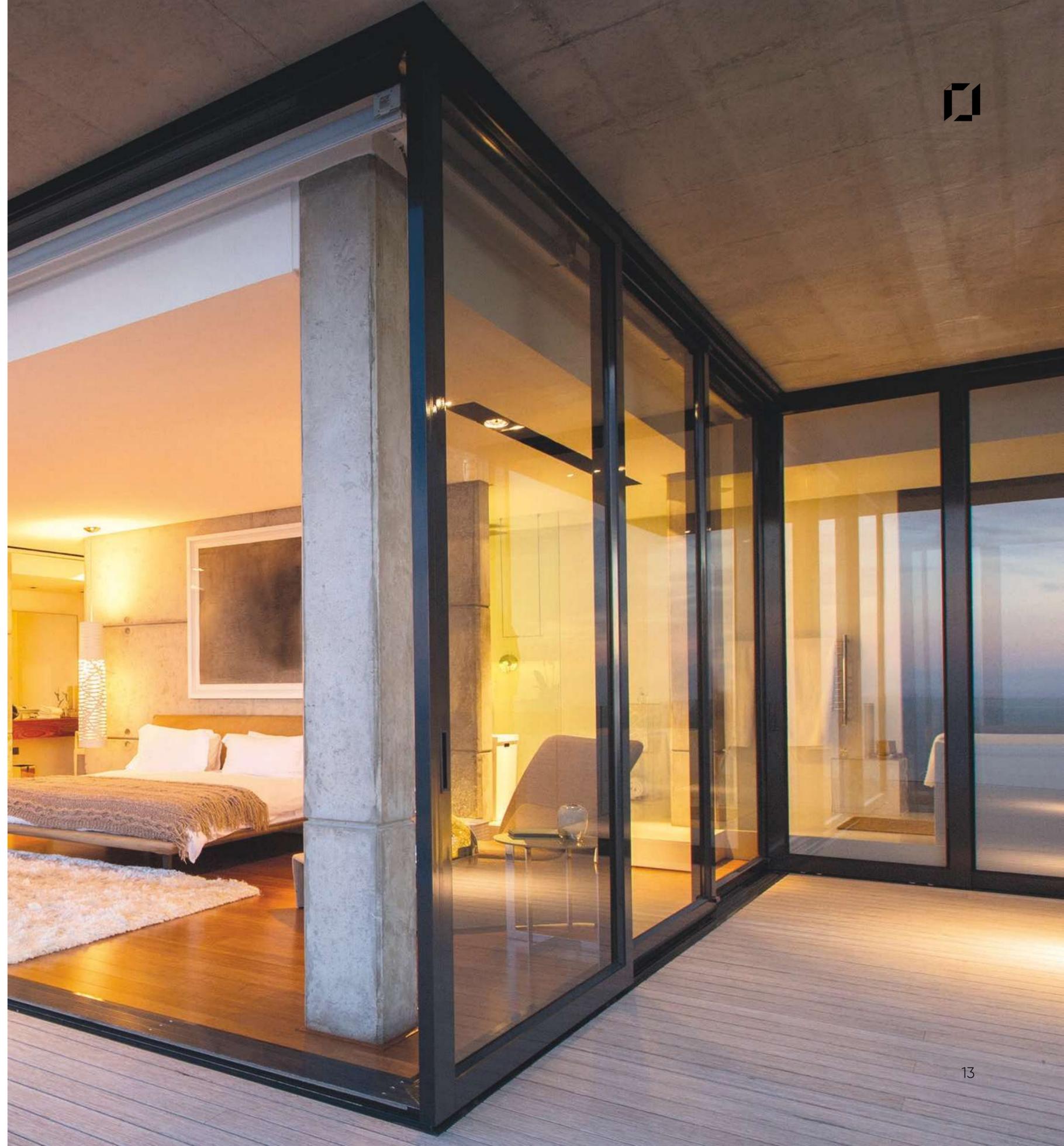
In addition to the standard frame made of aluminium, we also offer one of the best warm spacers available in the world.

With the Swisspacer Ultimate spacer, the U factor is only $0.03 \text{ W} / \text{m}^2\text{K}$. The lower value of this coefficient not only reduces the possibility of water vapour condensation on the edges of the glass, but also allows for a significant reduction of the thermal transmittance coefficient for the entire window.

The frames are available in several colours from the RAL palette.



- RAI 9016
- RAI 7025
- RAL 7040
- RAL 8003
- RAL 8016
- RAI 9005





COMPETITIVE PRICING

Enjoy cost-effective solutions
without sacrificing quality.



COLOURS

Windows are more and more often a decorative element, both for the entire building and the interior. All elements of the steel joinery are powder coated. Steel profiles create unlimited possibilities. In order to obtain the desired colour effect, the windows can be varnished according to the colours from the RAL palette. (semi-gloss, structure).

It is not possible to paint the inside and outside in different colours.





OUR PROCESS

QUALIFYING

This initial step lays the foundation for a tailored and precise approach. We need to make sure we fully grasp your project's goals and requirements.

🕒 Timeline: 1-2 business days

ESTIMATING

We provide precise project cost assessments, optimizing expenses to suit your needs. Through detailed estimating, we provide cost-effective solutions without sacrificing quality.

🕒 Timeline: 5-7 business days

PROJECT MANAGEMENT

Our skilled project management team steps up to the plate, guiding your project seamlessly from planning to execution. With a focus on timelines and quality control, we ensure every facet of your project is well-coordinated and executed efficiently.

DRAFTING ILLUSTRATIONS

Our drafted designs encapsulate your entire project visually. These drawings encompass specifications, floor plans featuring preliminary openings, building and product elevations, as well as detailed information on installation and hardware.

🕒 Timeline: 1-2 business days

ORDER PRODUCTION

At SKYGEN you'll get a seamless process with quick delivery. We pride ourselves on short waiting times for all orders – around 3 months.

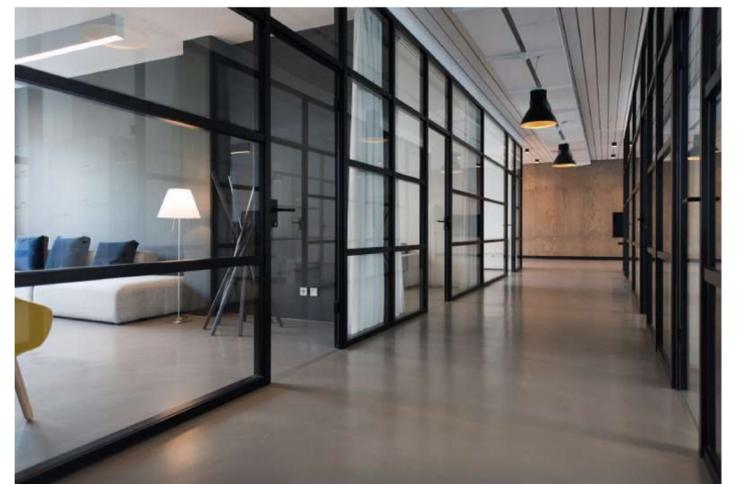
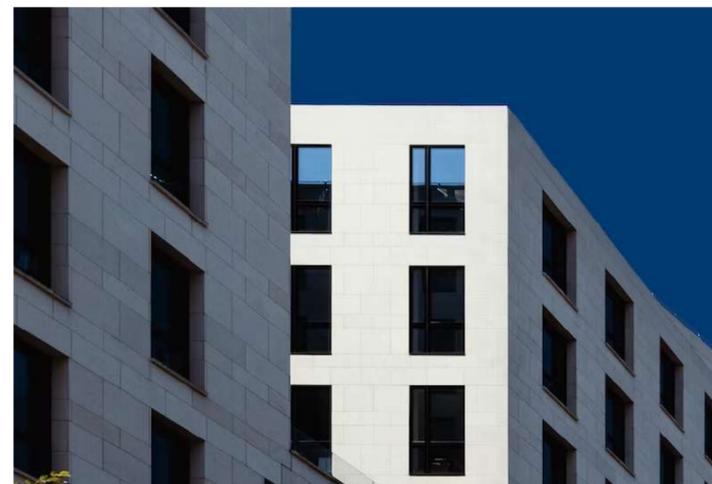
INSTALLATION SUPPORT

Rely on our skilled installation team to ensure the proper and professional installation of your windows and doors.

SERVICE

Our skilled service professionals possess in-depth familiarity with our product range. At the SKYGEN parts warehouse, a diverse stock of nearly all standard parts is maintained, prioritizing both cost-effectiveness and prompt service, thereby reducing the waiting time for standard components.

🕒 Timeline: 1-2 business days





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