

UNICO XS

WINDOW SYSTEM



3

seals

3

chambers

70

installation depth
(mm)

55

folded height
(mm)



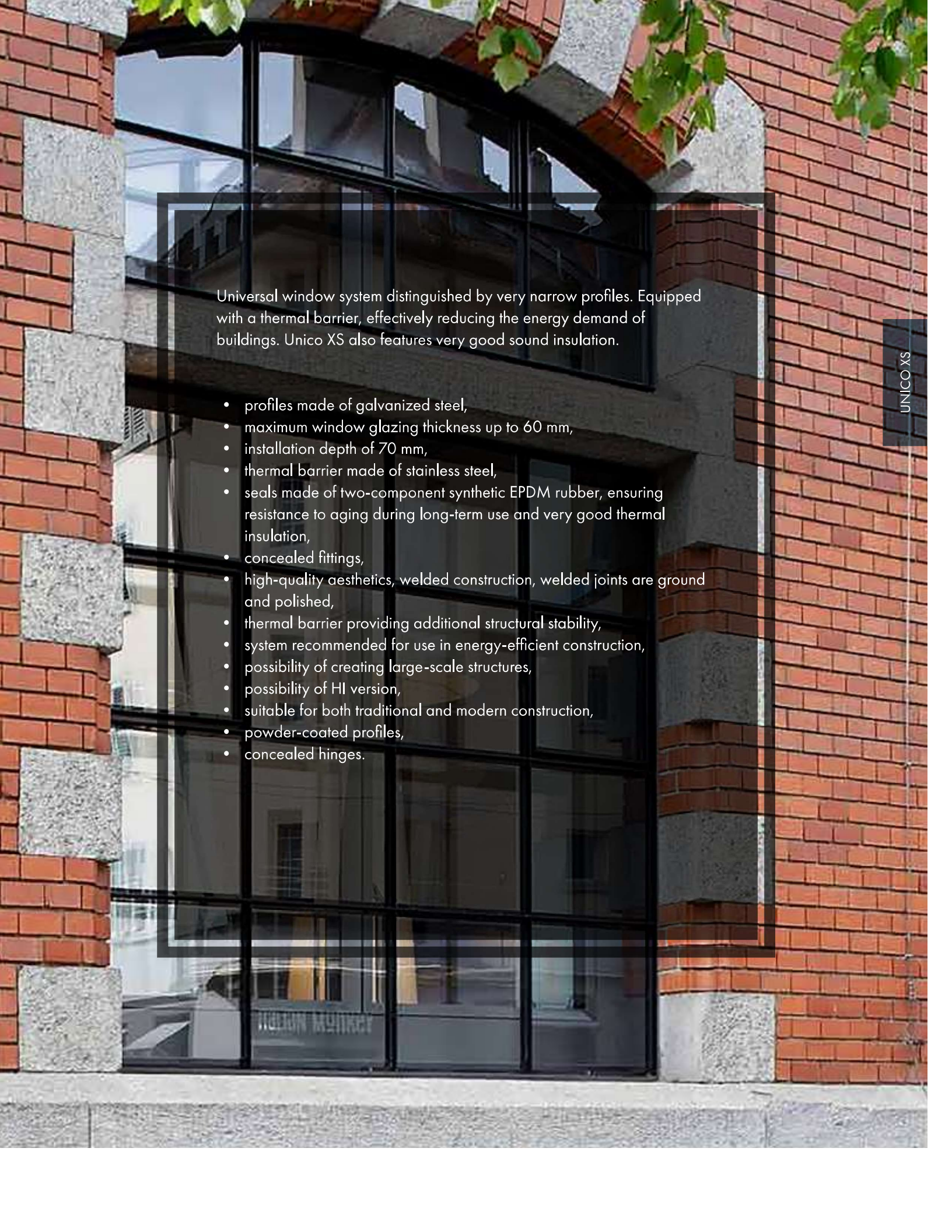
concealed hinges



minimalist design



exceptionally slim profiles



Universal window system distinguished by very narrow profiles. Equipped with a thermal barrier, effectively reducing the energy demand of buildings. Unico XS also features very good sound insulation.

- profiles made of galvanized steel,
- maximum window glazing thickness up to 60 mm,
- installation depth of 70 mm,
- thermal barrier made of stainless steel,
- seals made of two-component synthetic EPDM rubber, ensuring resistance to aging during long-term use and very good thermal insulation,
- concealed fittings,
- high-quality aesthetics, welded construction, welded joints are ground and polished,
- thermal barrier providing additional structural stability,
- system recommended for use in energy-efficient construction,
- possibility of creating large-scale structures,
- possibility of HI version,
- suitable for both traditional and modern construction,
- powder-coated profiles,
- concealed hinges.

UNICO XS

DOOR SYSTEM



2

seals

3

chambers

70

installation depth
(mm)

90

folded height
(mm)



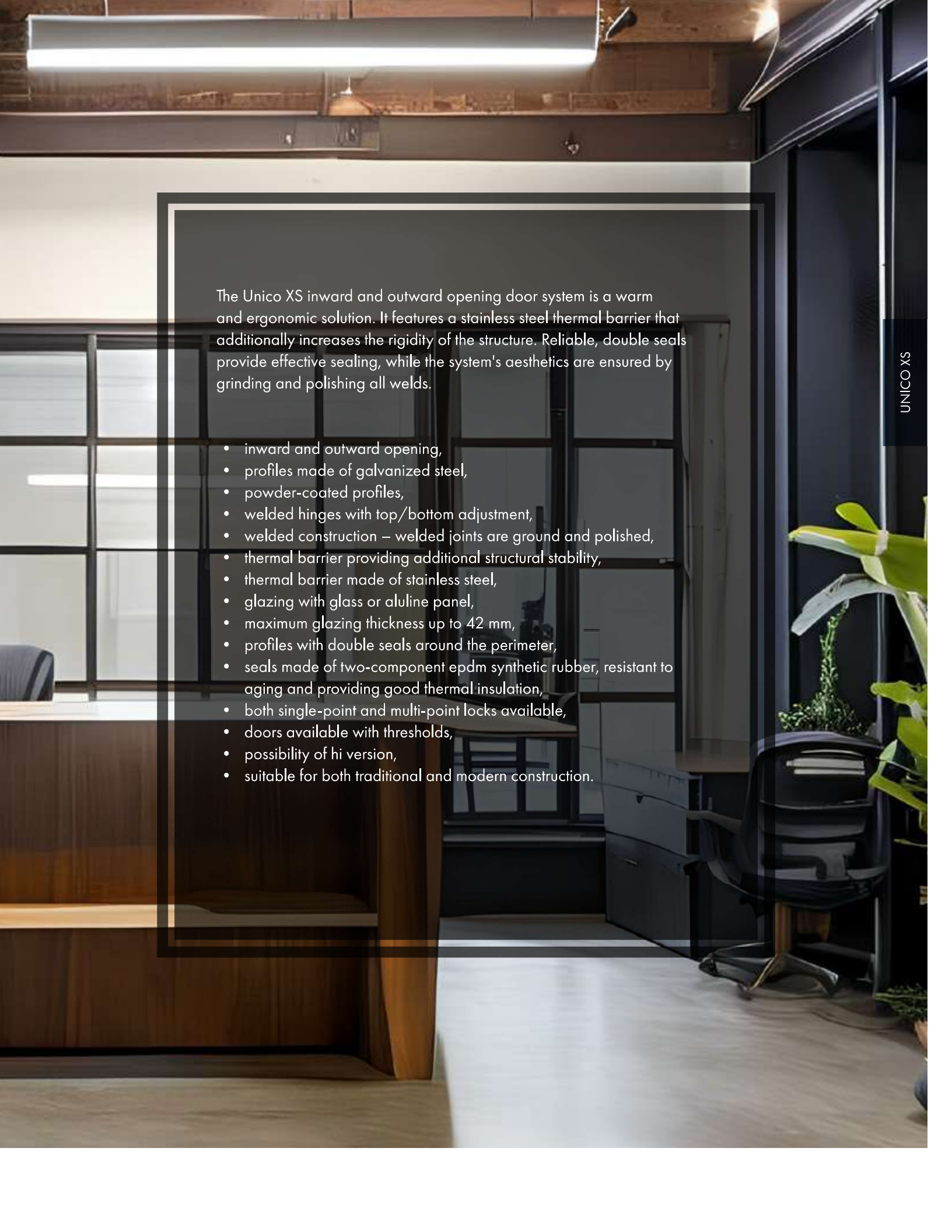
minimalist design



double EPDM seals for traditional
and modern construction



suitable for both traditional
and modern construction

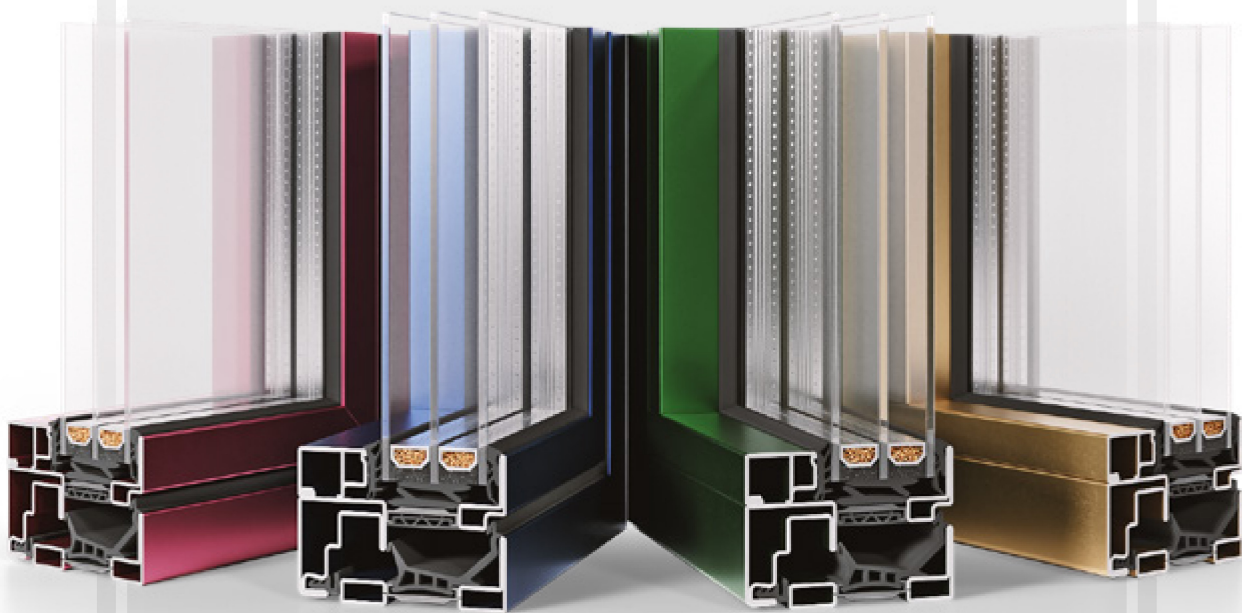


The Unico XS inward and outward opening door system is a warm and ergonomic solution. It features a stainless steel thermal barrier that additionally increases the rigidity of the structure. Reliable, double seals provide effective sealing, while the system's aesthetics are ensured by grinding and polishing all welds.

- inward and outward opening,
- profiles made of galvanized steel,
- powder-coated profiles,
- welded hinges with top/bottom adjustment,
- welded construction – welded joints are ground and polished,
- thermal barrier providing additional structural stability,
- thermal barrier made of stainless steel,
- glazing with glass or aluline panel,
- maximum glazing thickness up to 42 mm,
- profiles with double seals around the perimeter,
- seals made of two-component epdm synthetic rubber, resistant to aging and providing good thermal insulation,
- both single-point and multi-point locks available,
- doors available with thresholds,
- possibility of hi version,
- suitable for both traditional and modern construction.

COLOR SCHEME

Windows are increasingly becoming a decorative element, both for the entire building and the interior. All steel joinery elements are powder-coated. Steel profiles offer virtually unlimited possibilities. To achieve the desired color effect, windows can be painted according to the RAL color palette (semi-matt, structure). It is not possible to paint the internal and external sides in different colors.





WINDOWS

The selection of a window glass package often boils down to choosing the number of panes, which makes them more or less energy efficient. However, our offer is much broader. We offer energy-efficient, soundproof, safe, anti-burglary, and sun-resistant windows. Additionally, we have a wide range of decorative glass panes available in dozens of designs to choose from.

The interpane space in most assemblies is usually filled with 90% argon. We also offer windows filled with krypton, which allows achieving a heat transfer coefficient as low as $0.3 \text{ W/m}^2\text{K}$.

The ability to combine different types of glass and a smaller or larger number of panes allows obtaining suitable parameters for every type of window and door from our offer.

We present a list characterizing the basic types of composite glass along with a description of their functions:



Single-chamber glass packages

A single-chamber composite glass consisting of two glass panes. It is a standard for basic window-door systems.



Double-chamber glass packages

Double-chamber composite glasses, increasing thermal comfort in the room. The separation of the interpane space with an additional glass pane significantly reduces heat transfer.



Soundproof

Composite glasses with a special acoustic film provide increased soundproofing.



Safe

Laminated and/or tempered composite glasses increase safety. Their resistance to puncture or breakage is tailored to the customer's requirements.



Solar control

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



Sound-absorbing

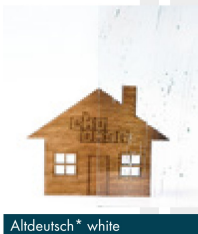
Insulated glass units with a special acoustic film provide an increased level of sound insulation.

DECORATIVE GLASSES

Composite glasses with decorative glass are an excellent choice for windows, doors, and partition walls. Decorative glasses are suitable for homes, offices, shops, hotels, and restaurants.

Depending on the selected pattern, they can not only increase privacy but also brighten the interior, making it visually larger, which is another advantage.

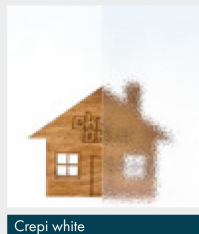
In addition to standard glasses with a matte coating, we also offer decorative glasses with the following patterns:



Altdeutsch* white



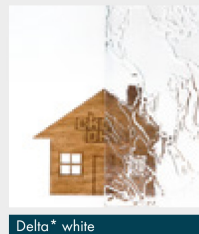
Chinchilla* white



Crepi white



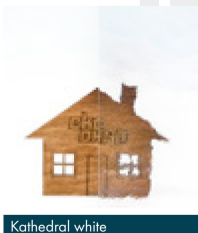
Delta white matte



Delta* white



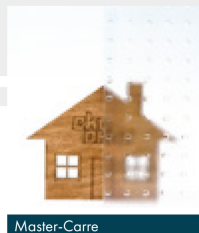
Flutes white matte



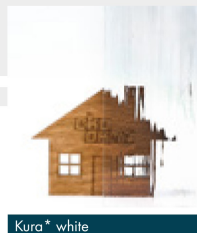
Kathedral white



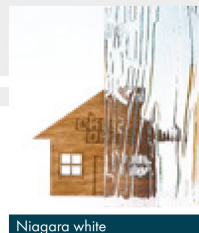
Master-Ligne



Master-Carre



Kura* white



Niagara white



Niagara white matte



Silvit* white



Master-Point



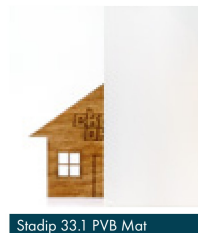
Monumental M



Waterdrop



Partially sandblasted



Stadip 33.1 PVB Mat

* also available in brown



MULLIONS

Aluminum mullions give windows an elegant and unique character, and in some cases, they are an essential decorative element referring to the old architectural style.

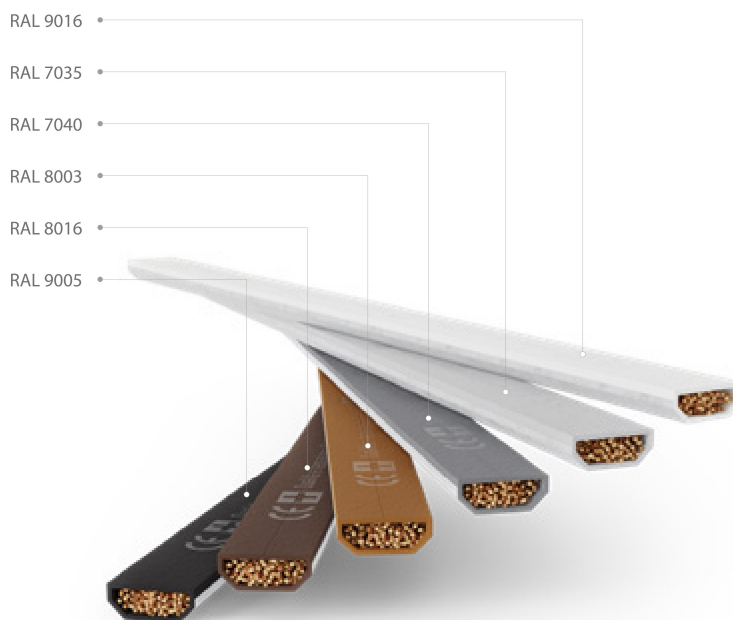
In our offer, both intraglazing mullions, applied to the glass, and Viennese (so-called duplex) mullions are available. Each offered type is available in several widths and many colors.

SPACER FRAMES SWISSPACER ULTIMATE

In addition to the standard aluminum frame, we also offer one of the best warm spacer frames available worldwide.

Using the SWISSPACER Ultimate frame, whose thermal conductivity coefficient λ is only 0.14 W/m^2 , results in a warmer window. The reduced value of this coefficient means reducing the phenomenon of water vapor condensation on the edges of the glass and allows for a significant reduction in the overall heat transfer coefficient U_w of the entire window.

Frames are available in several colors from the RAL palette.



WINDOW HANDLES

SECOUSTIC NEW YORK HANDLES

with or without a key



LUXEMBOURG HANDLES

with or without a key



TOULON HANDLES



KLAMKI TBT

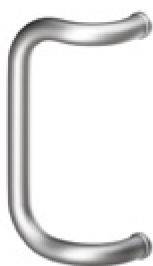


GRIPS

M1 GRIP



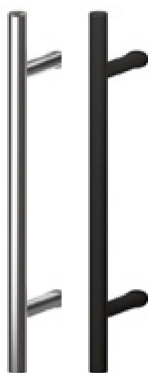
M2 GRIP



M6 GRIP



P45 GRIP



Q45 GRIP



P10 GRIP

