

THERMOPLASTIKI

Quality. Innovation. Reliability.



**FIBER GLASS
REINFORCED**

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THERMOPLASTIKI

The triptych of success: Quality. Innovation. Reliability.

The company was established in **1972**, starting its dynamic journey in the Greek market with the creation of a production unit for uPVC products and applications.

Today, having already come a long **50-year successful journey**, THERMOPLASTIKI is at the top of the Greek manufacturing industries of Fiber Glass Reinforced, uPVC and aluminum frames, with two factories & 8 production units in Amygdaleonas and Polystylo, Kavala.

Through continuous research and modernization of its machinery and premises, it has significantly broadened its production range, by adding new products and applications.

Our philosophy is the creation of frames that will provide you safety, protection and high energy efficiency. The innovative design and wide choice of styles and colors allows us to offer you a wide range of specialized solutions, always driven by functionality and aesthetic quality.

We manufacture **integrated frame solutions**, focusing on the certified quality of raw materials and the manufacturing and application process.



AMYGDALEONAS FACTORY - KAVALA

All-in-One Solutions

- Innovative Fiber Glass Reinforced Frames
- uPVC Frames
- Aluminum Frames
- uPVC and Aluminum Shutters
- Roller Shutters
- Insect Screens
- Sun Plus & Low e Energy glass panes
- Interior Doors and Security Doors
- Thermal insulating solutions from extruded polystyrene, novablok & novablok Terrace
- Thermal insulating solutions from expanded polystyrene, feliblok & feliblok plus

The compliance with the strictest production and safety standards certifies the top quality of all of the products manufactured by the Company and is in line with its social-environmental responsibility.



**The biggest manufacturer of
windows & doors in Greece.**

POLYSTYLO FACTORY - KAVALA

GUARANTIES & CERTIFICATES

Authenticity Label

A product, manufactured by Thermoplastiki, is also synonymous with all the characteristics and the policy of the company. Thus, a frame, coming from our production lines, is also characterized by the top quality of materials and construction. After all, quality is one of the top and, at the same time, non-negotiable characteristics of Thermoplastiki.

Our goal is to deliver to the final consumer a product worthy of our philosophy. As direct proof that a product is a result of the production process of Thermoplastiki, already since December 2017 the company has been placing an iridescent authenticity label on its frames.

Immediate Delivery

Value-added products and services, commitment to quality, the continuous investments and innovations, allow us to build trust and integrity driven relationships.

At Thermoplastiki, we work with you consistently. We study each project in detail and respond immediately and quickly, aiming at serving each customer in the best way possible.

The company completes the projects consistently both in terms of schedules and quality specifications.



Guaranties

In order to exceed the expectations of its customers, both with its products and with the services provided, the frames come with a written Guarantee of Good Operation.

10-year Guaranty for Fiber Glass Reinforced & uPVC Frames in White

10-year Guaranty for Glass Panes

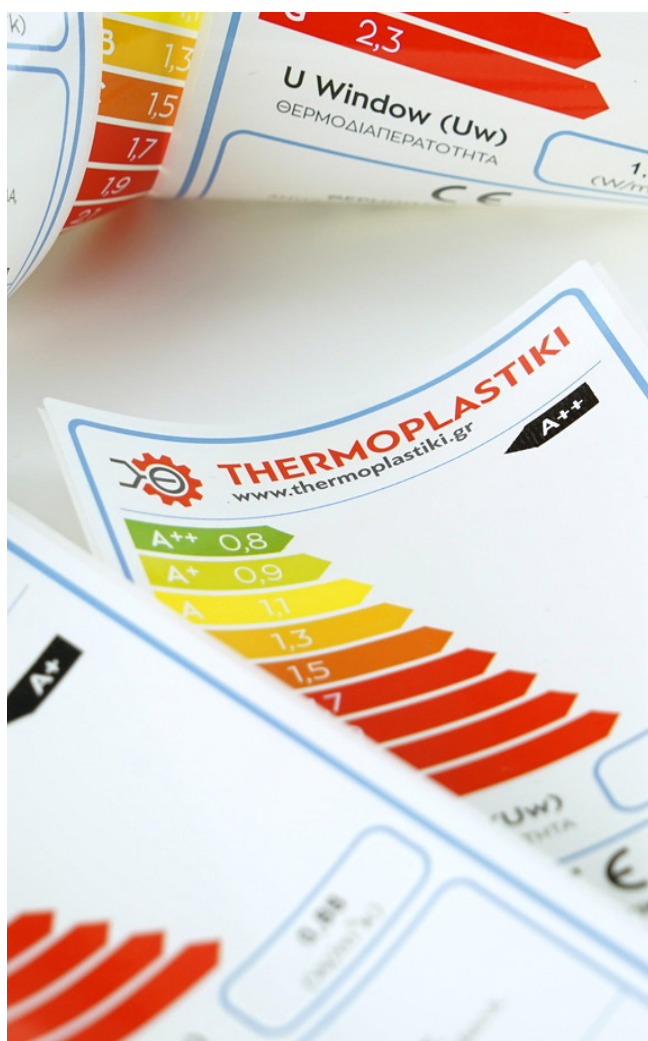
5-year Guaranty for Fiber Glass Reinforced & uPVC Colored Frames

5-year Guaranty for Roller Shutters

Certified Quality

A product manufactured by Thermoplastiki, is synonymous with the long-term know how and quality. Thermoplastiki has been certified, since the beginning of 2000, with the Quality Management System, in accordance with the EN ISO 9001:2015 standards by the Greek Standardization Organization (ELOT). With the Health and Safety at Work Management System, in accordance with the EN ISO 45001:2018 standards by ELOT and with the Environmental Management System in accordance with the EN ISO 14001:2015 by ELOT. In addition, the company's compliance with the EU health and safety requirements has been certified since early 2008, by adding the CE sign on all our products.

Regarding the universal quality assurance of our services and the excellent service we provide, a fully organized network of experienced partners, expanding throughout Greece, but also in major European cities, undertakes the elaboration of technical-economic studies, places our products, while providing comprehensive after-sale service, always under the supervision and the requirements determined by Thermoplastiki.



Frame Energy Identity Label

In order to fully inform and ensure each customer about the certified properties of an integrated frame, the company places the self-adhesive Energy Identity Label, which includes an extensive set of information about the properties of the respective frame exclusively, according to the respective standards of each category.

Specifically, the products manufactured by the company are standardized and identified in accordance with the standards EN 14351-1:2006, EN ISO 10077-1 and EN ISO 10077-2 of ELOT, as detailed in the Technical Specifications of Frames and bear an Energy Identity Label and a Characterization Label of the product.

The average amount of the products most commonly marketed should be classified as class E - C. The best products most commonly marketed are classified in class A, while the windows of the "Passive House" are classified in class A+ and can reach class A++.

Energy Class	A++	A+	A	B	C	D	E	F	G
Max U-value	0,8	0,9	1,1	1,3	1,5	1,7	1,9	2,1	2,3

The characteristics indicated are:

1. U Window (Uw) thermal transmittance in W/m²k
2. Resistance to wind pressure
3. Water resistance
4. Sound insulation or sound reduction
5. Air permeability

At the same time, the indication of the CE European Safety and Quality Certificate is also placed, along with the contact details of Thermoplastiki as a manufacturer, and the relevant Declaration of Performance, in accordance with EU Regulation 305/11, as well as the harmonized quality standard. The validity of the label is identified by the Order Number and the individual Serial Number.

Window to
the **future**

The new, revolutionary
frame by Thermoplastiki
only.

Artevo NEW

FIBER GLASS

REINFORCED



80mm Depth
up to 2.60m Height



Uw up to
0,60 W/m²K



Sound insulation
up to 48dB



Safety
up to RC3



Perfect angle



8 New Colors

Innovative **fiberglass reinforced** technology, unique aesthetics, new possibilities. The unique design integrates technologies that make a difference, offering the freedom to create unique buildings.

Elegant and durable. Ideal for large openings. Particularly robust. Less visible profile and more view, light, comfort and functionality.



Technical Specifications:

Mechanism up to 130 kg
7 chambers on the casement / 5-8 chambers on the sash
Sealing system with 3 rubber elements
Total visible face width 117mm
Double / triple glass pane option up to 56 mm
Burglar resistance according to DIN EN 1627 up to RC 3
Fiberglass Reinforced with RAU-FIPRO X technology
Sound insulation according to EN ISO 717-1 up to $R_w = 48\text{dB}$

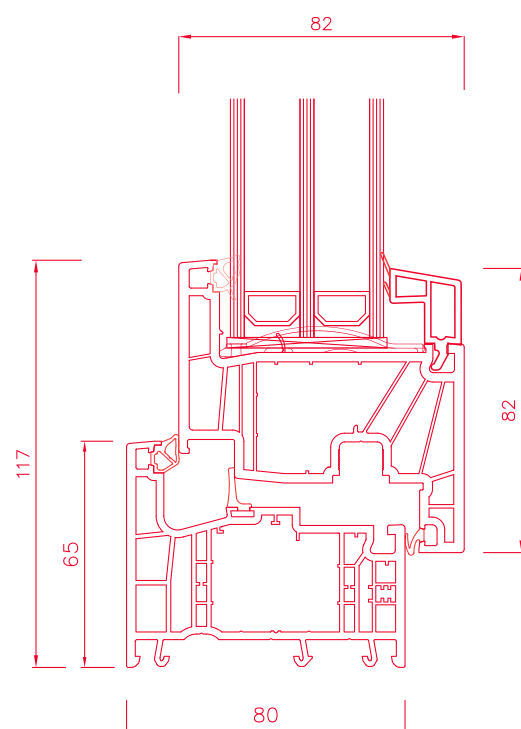
High Energy Efficiency

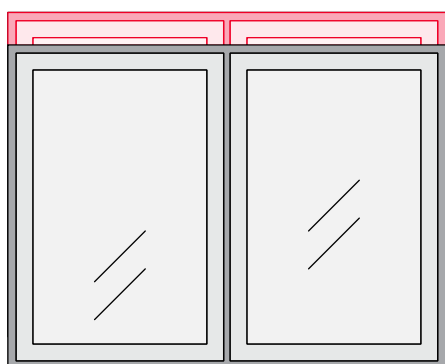
$U_f = 1 \text{ W/m}^2\text{K}$ $U_w = 0,82 \text{ W/m}^2\text{K}$

Low-E foil version

$U_f = 0,86 \text{ W/m}^2\text{K}$ $U_w = 0,78 \text{ W/m}^2\text{K}$

Glazed window with dimensions 1000mm x 2200mm,
 $U_g = 0,6 \text{ W/m}^2\text{K}$ and $\Psi_g = 0,04 \text{ W/mK}$



**I 10%**

Higher height

Thanks to its innovative composition, Artevo offers design freedom and a height of up to **2,60 m.**



Minimal Design

Ultra-thin 10mm outer frame.

Excellent sealing features

Sealing is achieved with the use of 3 rubber elements.

Maximum thermal insulation

Fiber Glass Reinforced profile with the innovative RAU FIPRO X technology.

The perfect angle

With emphasis on every detail and keeping in mind the new trends in the market, we present the ideal visual result. The bonding point of the sashes and the casement is no longer visible, giving a smooth look.

8 new colors

They rock
the architectural aesthetics of
any building.

The color is what upgrades the final result and
bonds the aesthetics of the interior and the
exterior. Discover Thermoplastiki's new color
collection, with unique texture, matte look and
excellent resilience in terms of time and use.



TURNER OAK MALT



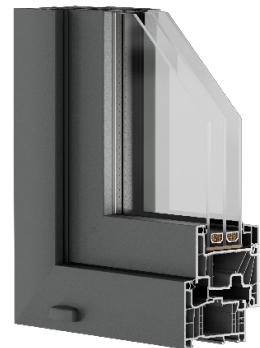
TURNER OAK TOFFEE



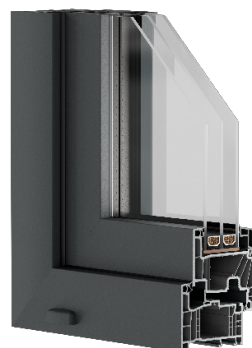
WEISS 9152 ULTI MATT



GRAU 7155 ULTI MATT



QUARZGRAU 7039 ULTI MATT



BASALTGRAU 7012 ULTI MATT



ANTHRAZITGRAU 7016 ULTI MATT

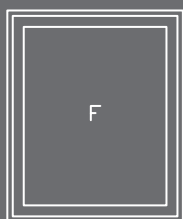


SCHWARZ ULTI MATT

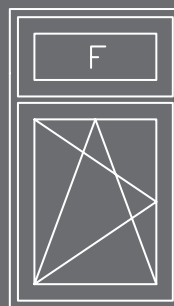
Here are some indicative **construction solutions** that fulfill the requirements of every project.



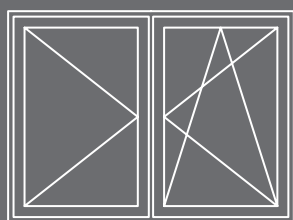
SINGLE-SASH TT



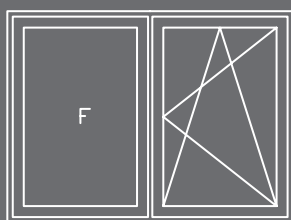
SINGLE-SASH FIXED



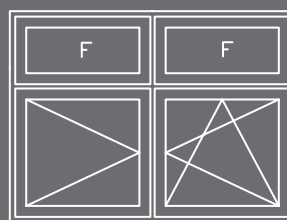
SINGLE-SASH WITH FIXED



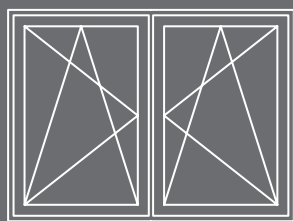
DOUBLE-SASH 1 TT 1 T



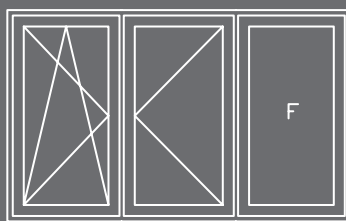
DOUBLE-SASH WITH 1 FIXED



2 DOUBLE-SASH WITH 2 FIXED



DOUBLE-SASH WITH COLUMN



TRIPLE-SASH WITH 1 FIXED

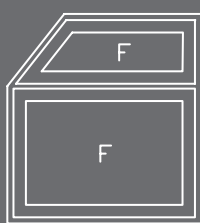


TRIPLE-SASH WITH 2 FIXED

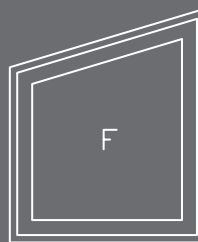
Derivatives



1 FIXED 1 TT

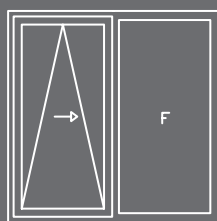


2 FIXED

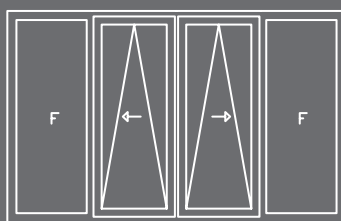


FIXED

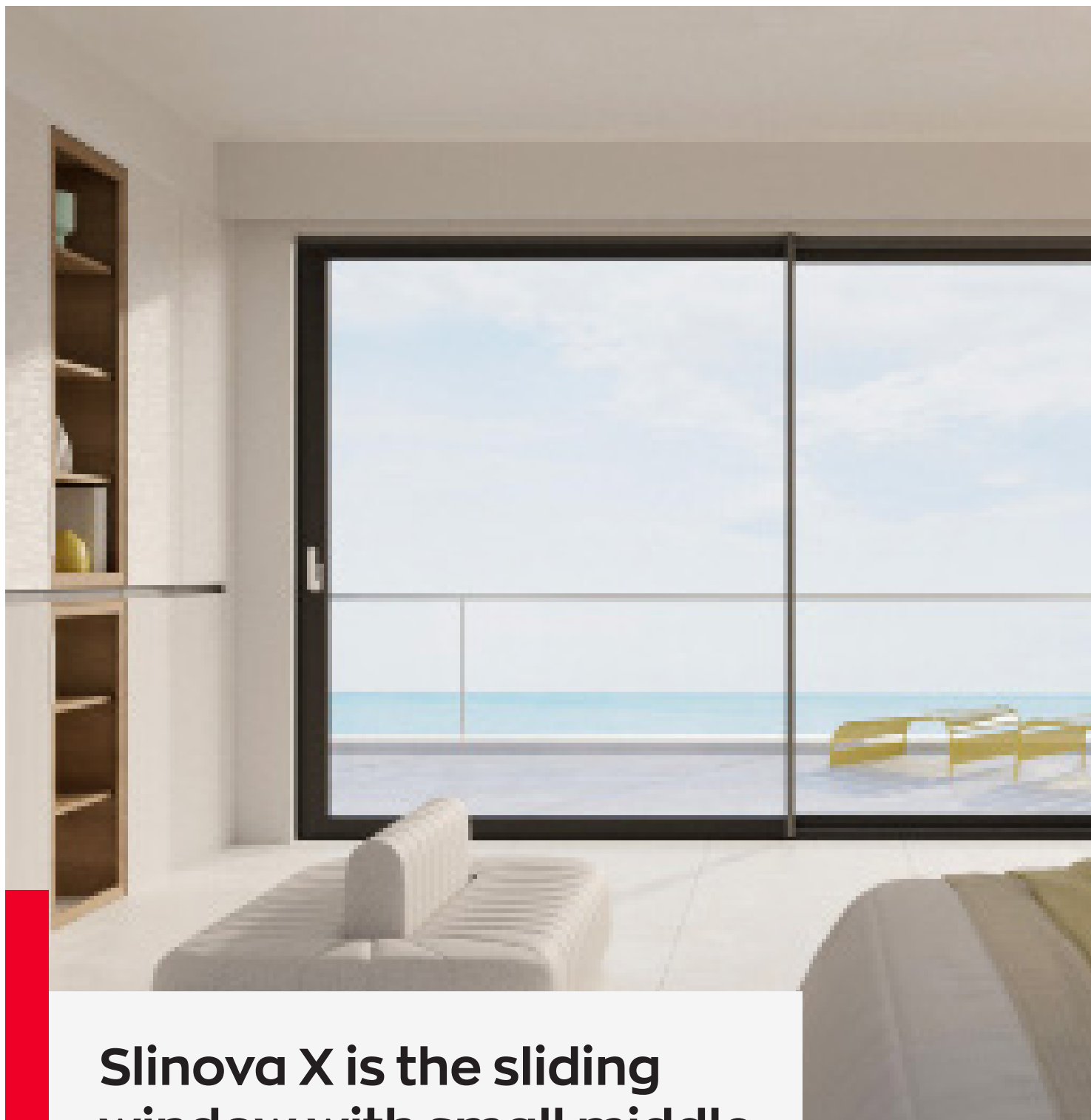
PSK



PSK



DOUBLE-SASH PSK

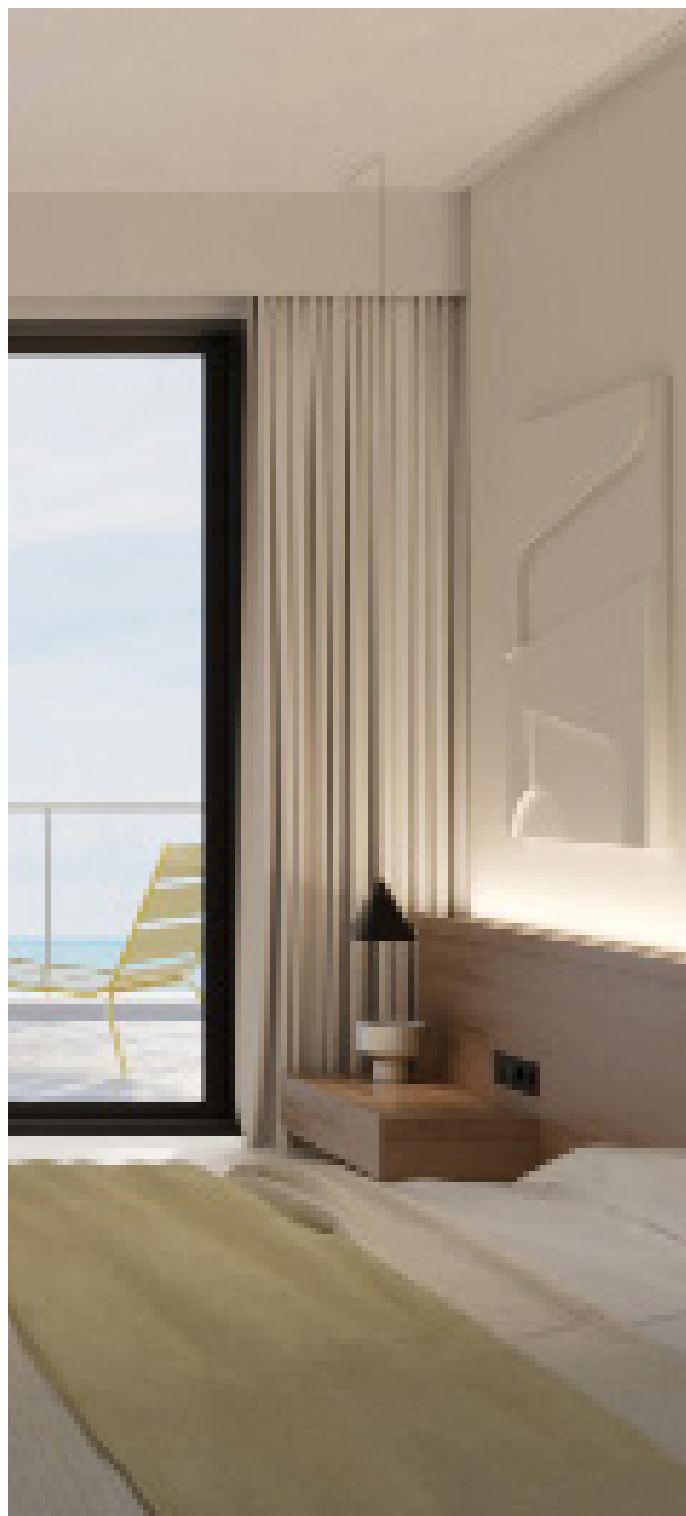


Slinova X is the sliding window with small middle section.

Slinova X NEW

FIBER GLASS

REINFORCED



Small middle section
32mm



High energy efficiency

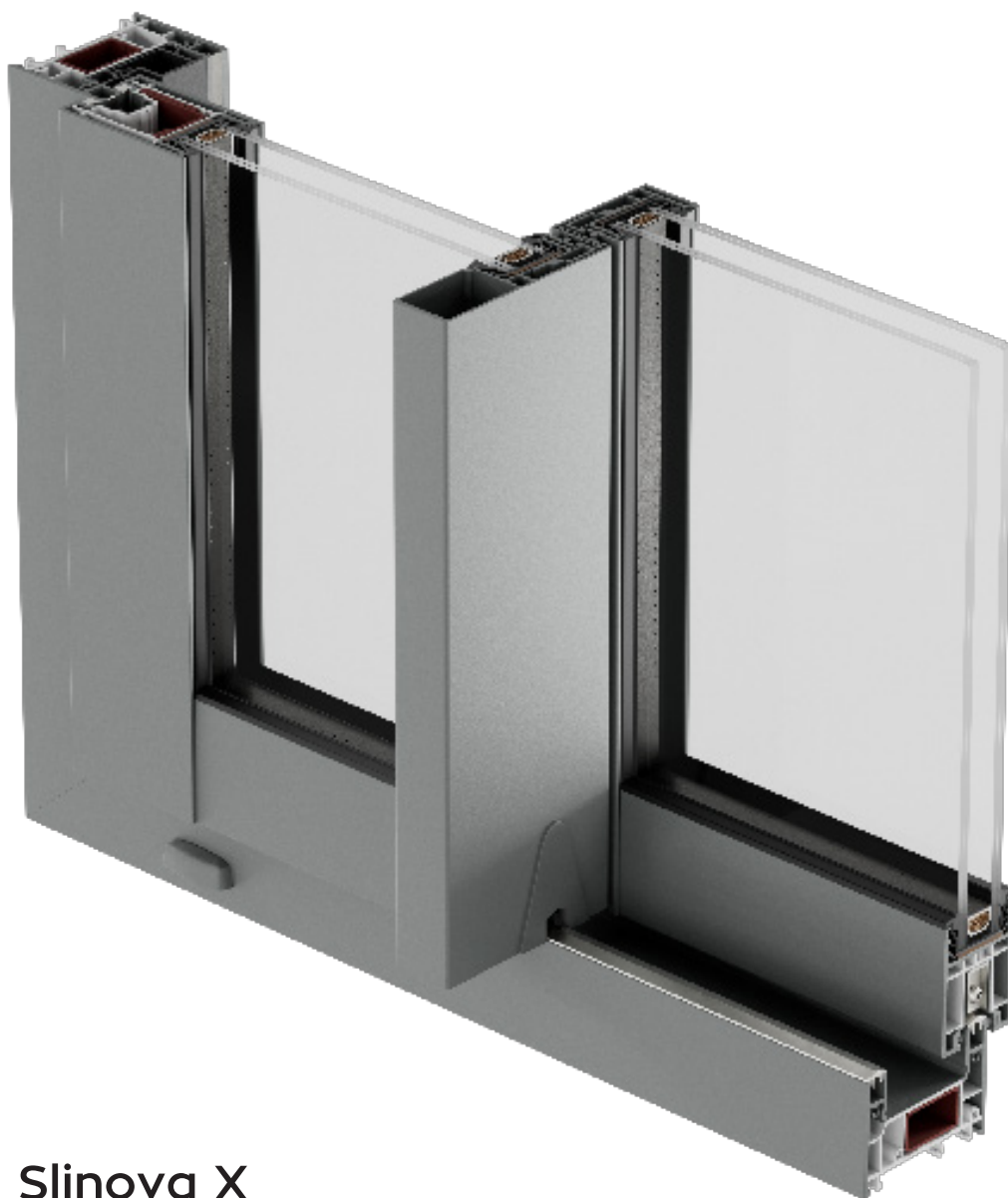


Fine minimal design



8 new colors

Panoramic view and light with the most elegant, sliding frame. It offers **ease of passage, robustness, but also design freedom** for the most modern residences.



Slinova X

Technical Specifications:

Mechanism with a capacity of 200kg sash max weight
Total face width of 113mm
Double glass pane option of 28 mm or 32 mm
Burglar resistance option according to DIN EN 1627 up to RC 2
Sound insulation up to $R_w = 33$ dB
4 chambers on the casement (fixed frame with 2 rails) / 3 chambers on the sash (sliding frame)
Perimeter sealing, possibility of additional sealing kit with rubber elements for greater air tightness

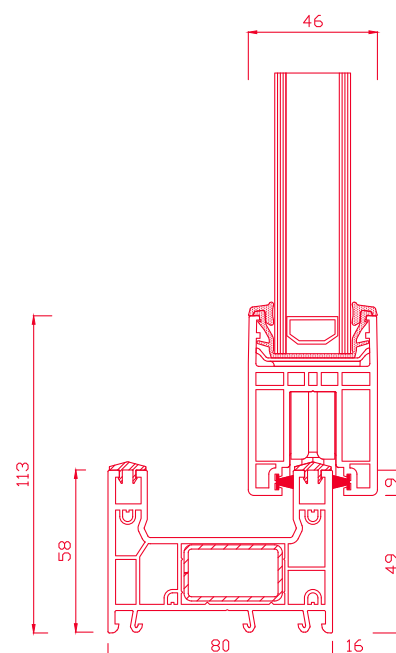
High Energy Efficiency

$U_f = 2,4 \text{ W/m}^2\text{K}$ $U_w = 1,5 \text{ W/m}^2\text{K}$

With the sealing kit

$U_f = 2,1 \text{ W/m}^2\text{K}$ $U_w = 1,4 \text{ W/m}^2\text{K}$

Sliding with dimensions 3000mm x 2200mm,
 $U_g = 1,0 \text{ W/m}^2\text{K}$ and $\Psi_g = 0,08 \text{ W/mK}$





Slinova

Technical Specifications:

Mechanism with a capacity of 140kg sash weight
Total face width of 129mm
Double glass pane option of 24 mm or 32 mm
Burglar resistance option according to DIN EN 1627 up to RC 2
Sound insulation up to $R_w = 33$ dB
4 chambers on the casement (fixed frame with 2 rails) / 3 chambers on the sash (sliding frame)
Perimeter sealing, possibility of additional sealing kits with rubber elements for greater air tightness

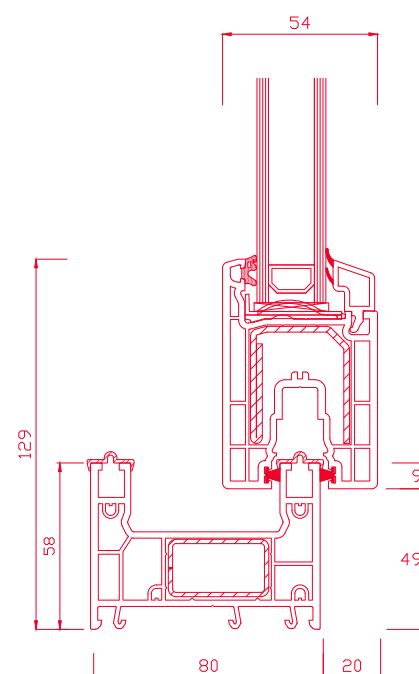
High Energy Efficiency

$U_f = 2,3 \text{ W/m}^2\text{K}$ $U_w = 1,4 \text{ W/m}^2\text{K}$

With the sealing kit

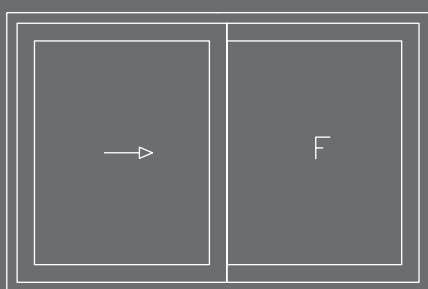
$U_f = 1,8 \text{ W/m}^2\text{K}$ $U_w = 1,3 \text{ W/m}^2\text{K}$

Sliding with dimensions 3000mm x 2200mm,
 $U_g = 1,0 \text{ W/m}^2\text{K}$ and $\Psi_g = 0,08 \text{ W/mK}$

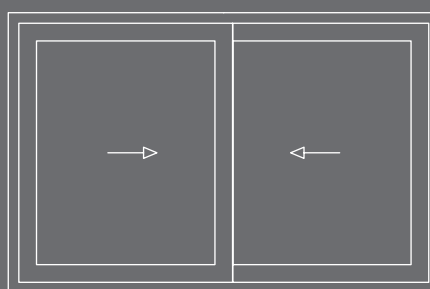




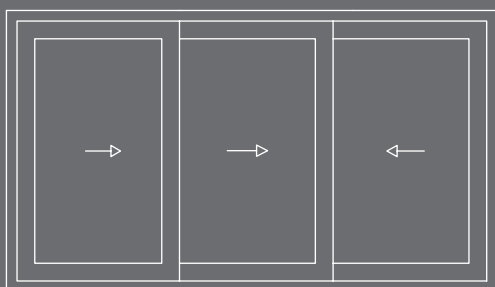
Here are some indicative **construction solutions** that fulfill the requirements of every project.



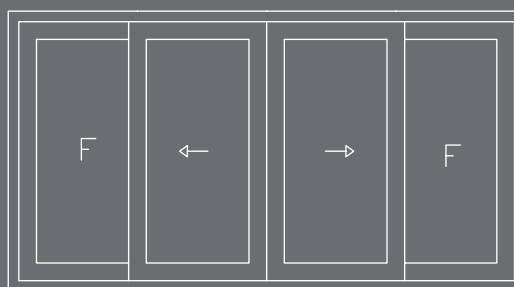
DOUBLE-SASH FIXED SLIDING



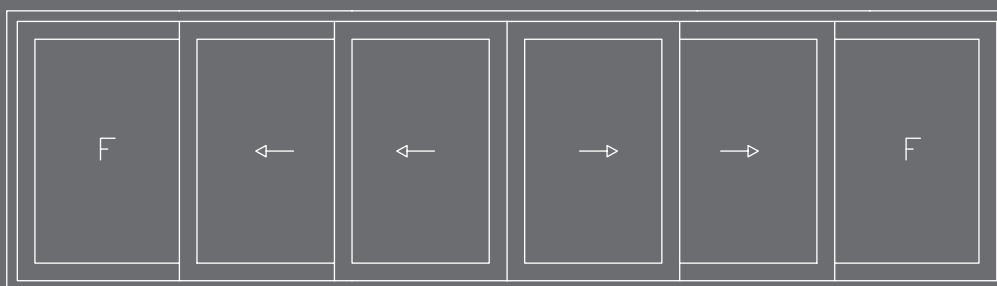
DOUBLE-SASH SLIDING



TRIPLE-SASH



4-SASH



6-SASH



**State-of-the-art technology
& high aesthetics for the
modern main entrance.**

ARTEVO

MAIN ENTRANCE



Excellent sealing features



High safety



Perfect angle



8 new colors

The new main entrance, in addition to **unique safety performance**, offers **modern design** with thin facades, thermal insulation and sealing.

Ideal for a modern residence that respects the environment.



Technical Specifications:

Mechanism with external double tubular hinges with a capacity of up to 80kg

5 chambers on the sash

Total visible face width of 116mm

Sealing system with 2 brushes and 1 rubber element

Double / triple glass pane option of up to 56 mm

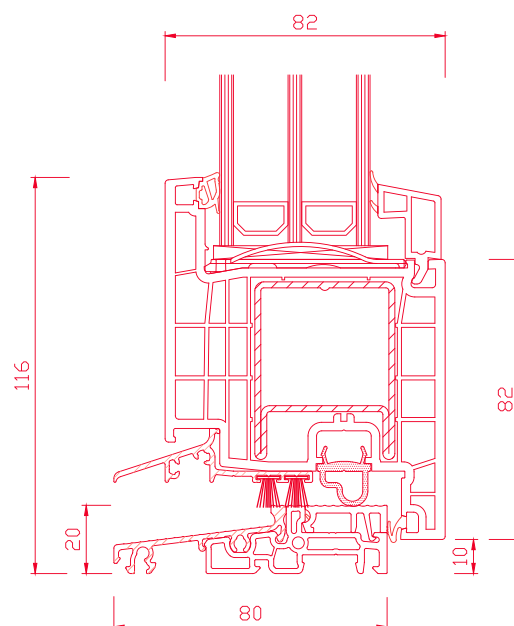
Burglar protection according to DIN EN 1627 up to RC3

Sound insulation according to EN ISO 717-1 up to $R_w = 48\text{dB}$

High Energy Efficiency

$U_f = 1,3 \text{ W/m}^2\text{K}$ $U_w = 0,94 \text{ W/m}^2\text{K}$

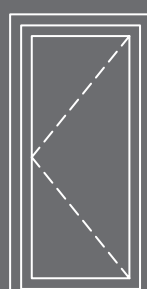
Residential door with glazing with dimensions 1000mm x 2200mm, $U_g = 0,6 \text{ W/m}^2\text{K}$ and $\Psi_g = 0,04 \text{ W/mK}$





Mechanism with external double tubular hinges with a capacity of up to 80kg.

Here are some indicative **construction solutions** that fulfill the requirements of every project.



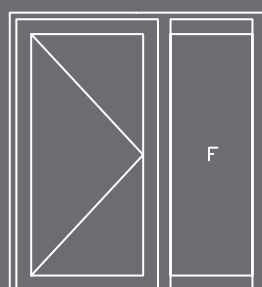
SINGLE-SASH OPENING
OUTWARDS



SINGLE-SASH OPENING
INWARDS



OPENING INWARDS
FIXED UPPER PART



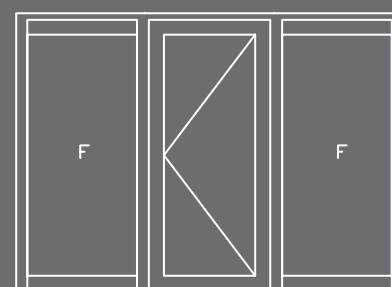
DOUBLE-SASH OPENING
INWARDS 1 OPENING 1 FIXED



DOUBLE-SASH OPENING
OUTWARDS



OPENING INWARDS 2
OPENING



TRIPLE-SASH OPENING
INWARDS 2 FIXED



**Unobstructed passage
and freedom of
movement.**

HST

HEAVY DUTY



Great freedom of movement



Ideal for large openings



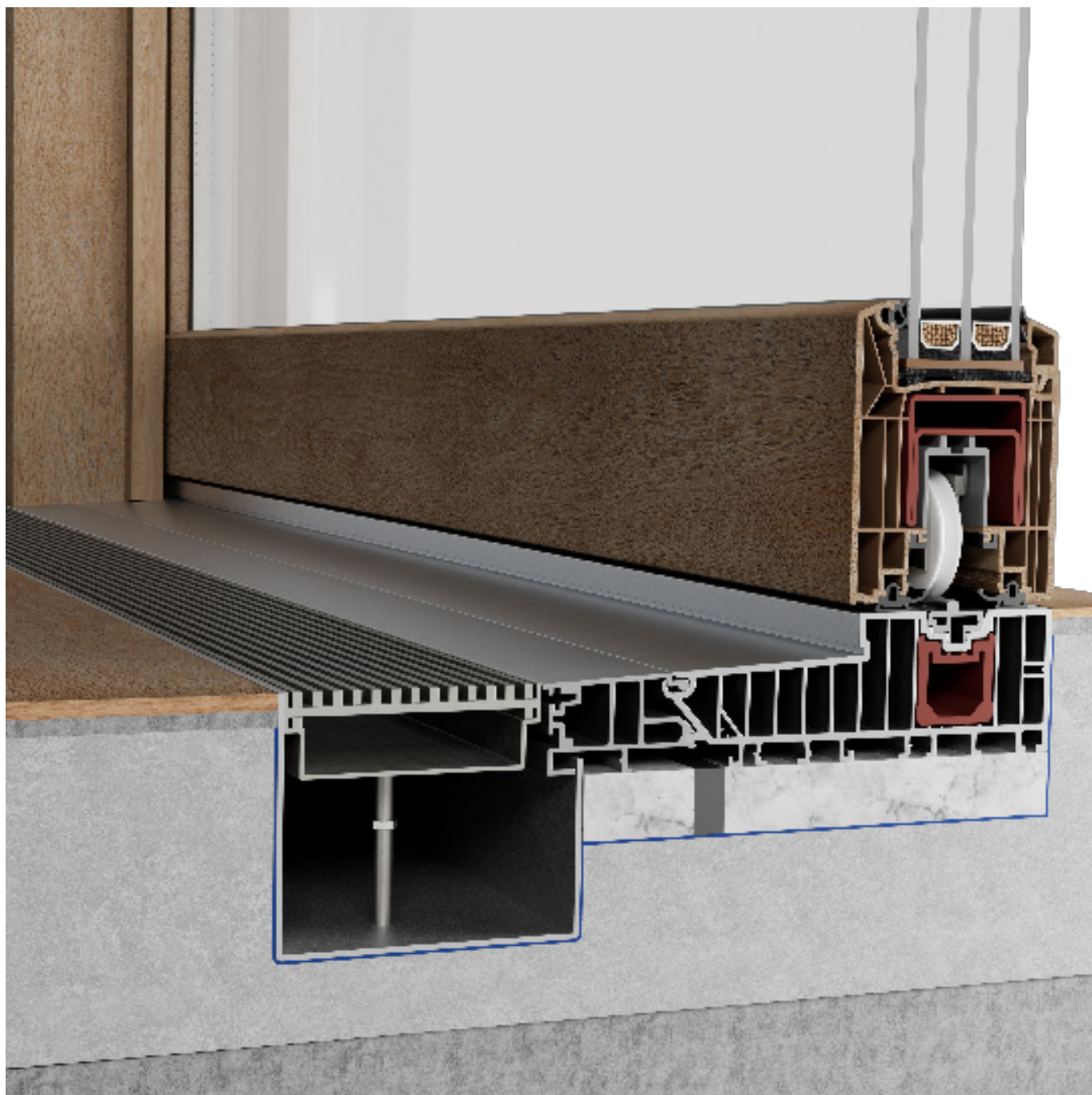
Perfect angle

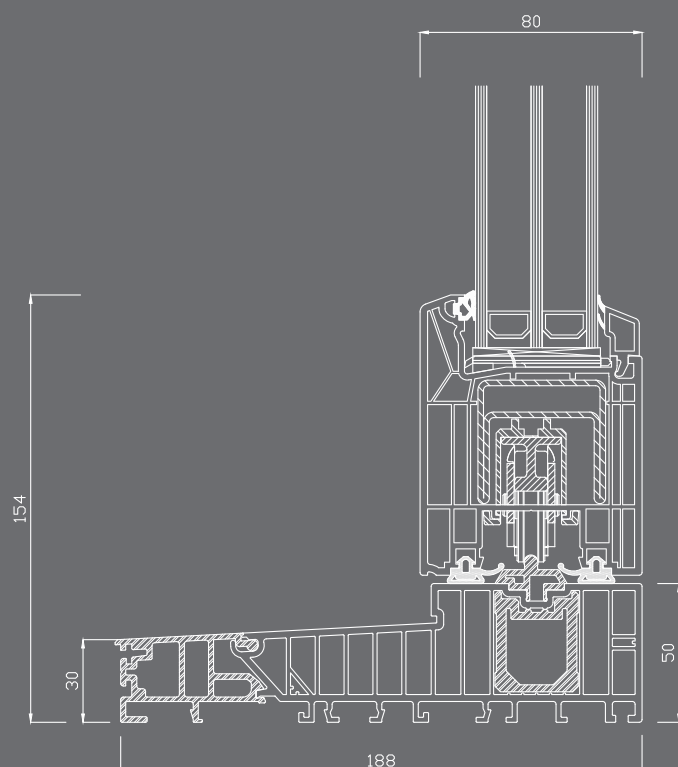


8 new colors

Ease of movement, high sealing & thermal insulation performance, large dimensions & more natural light are just a few of the advantages offered by the heavy duty HST frame.

It is available with a low guide, while the option of a stainless steel water drainage grate is recommended.





Technical Specifications:

Mechanism with a capacity of 400kg max sash weight

5 chambers on the sash

Total face width of 154mm

Total sash face width of 101mm

Double /Triple glass pane option of up to 51 mm

Burglar protection option according to DIN EN 1627 RC 2

Sound insulation up to $R_w = 43\text{dB}$

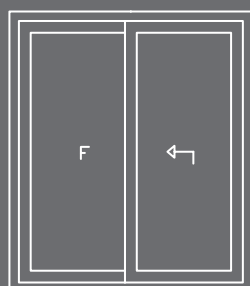
Sealing system with 2 rubber elements

High Energy Efficiency

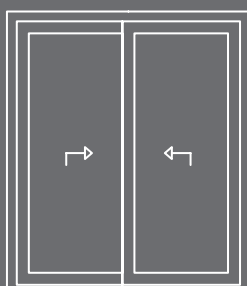
$U_f = 1,4 \text{ W/m}^2\text{K}$ $U_w = 0,90 \text{ W/m}^2\text{K}$

Lift & Slide with dimensions 3000mm x 2200mm,
 $U_g = 0,6 \text{ W/m}^2\text{K}$ and $\Psi_g = 0,04 \text{ W/mK}$

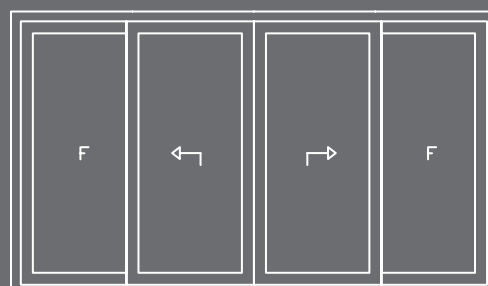
Here are some indicative
construction solutions that fulfill
the requirements of every project.



DOUBLE-SASH FIXED



DOUBLE-SASH SLIDING



4-SASH

SAFETY UPGRADE



01.
BURGLAR PROTECTION
SECURITY CYLINDER

Combine safety suggestions proposed by Thermoplastiki to upgrade the security of your entrance.

The Security Cylinder comes with 5 keys and a security card and has a long neck to work with the Defender. It is anti-burglar, as, if it is breached, it breaks and locks. Defender offers excellent anti-drilling and cylinder lock breakage defense.

Combining them with the multipoint locking system you upgrade the security of your doors even in the existing entrances provided by Thermoplastiki!



02.
DEFENDER



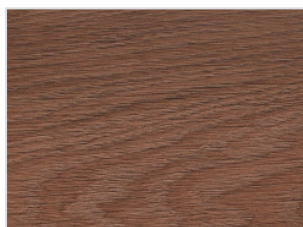
03.
MULTIPOINT LOCKING SYSTEM



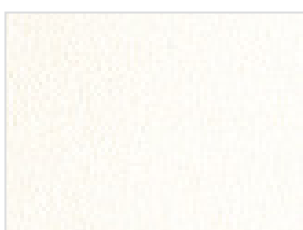
COLOR RANGE



TURNER OAK MALT



TURNER OAK TOFFEE



WEISS 9152 ULTI MATT



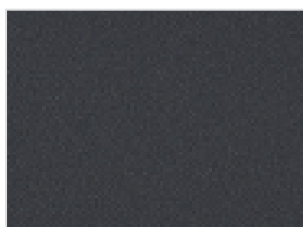
GRAU 7155 ULTI MATT



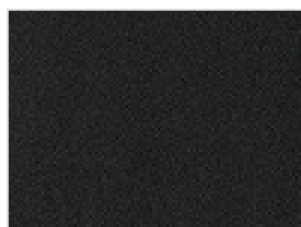
QUARZGRAU 7039 ULTI MATT



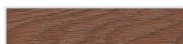
BASALTGRAU 7012 ULTI MATT



ANTHRAZITGRAU 7016 ULTI MATT



SCHWARZ ULTI MATT

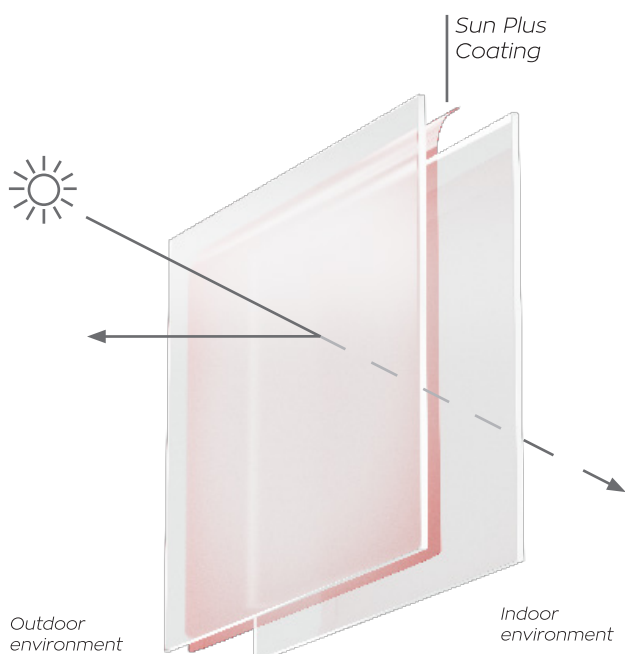
		ARTEVO FIBER GLASS REINFORCED	HST (available on demand)	SLINOVA SLINOVA X	ARTEVO ENTRANCE
	Turner Oak Malt	✓	✓	✓	✓
	Turner Oak Toffee	✓	✓	✓	✓
	Weiss 9152 Ulti Matt	✓	✓	✓	✓
	Grau 7155 Ulti Matt	✓	✓	✓	✓
	Quarzgrau 7039 Ulti Matt	✓	✓	✓	✓
	Basaltgrau 7012 Ulti Matt	✓	✓	✓	✓
	Anthrazitgrau 7016 Ulti Matt	✓	✓	✓	✓
	Schwarz Ulti Matt	✓	✓	✓	✓

GLASS PANES

Top Performing Energy Glass Panes.

Glass panes occupy the largest area of a frame. In practice, this means that they largely determine the overall energy efficiency of the frame, as well as the soundproofing effect.

We seek the best final result by taking care of the integrated coverage of the needs of any space. All the frames we manufacture exclusively come with glass panes produced in the company's state-of-the-art, privately-owned unit in Amygdaleonas, Kavala.



Sun Plus

Top comfort in summer & thermal insulation in winter

- 1 Visual Comfort**
High light permeability and neutrality in appearance, while reflecting infrared radiation helping to save energy and reduce CO2 emissions.
- 2 Top thermal insulating features**
Three times the insulation of a typical double glass pane.
- 3 Energy and cost savings**
Low consumption and reduction of heating, cooling and CO2 emissions costs.

	TL Light Permeability [%]	Solar Coefficient g	Thermal Insulation Coefficient U [W/m²K]
SUN PLUS	70	0,37	1,0

DGU Double Glass Pane: 4mm - 15mm Argon 90% - 5mm Sun Plus

Sun Plus glass panes are designed for **double or triple glazing** and perfectly accompany any frame (Fiber Glass Reinforced, uPVC or Aluminum) manufactured by Thermoplastiki.

Sun Plus coating is always applied in position no. 2 of the double or triple glass pane.

Low e

Maximum energy efficiency & light

Low-e glass panes are designed for **double or triple glazing** and perfectly accompany any frame (Fiber Glass Reinforced, uPVC or Aluminum) manufactured by Thermoplastiki.

With low-emission glass panes, we achieve **reduction of energy consumption** and, consequently, **reduction of heating costs**, combined with the creation of comfortable living conditions during the winter months, thanks to the **use of sunlight**.

1 Excellent Energy Efficiency and Economy

It combines the highest level of energy efficiency while significantly reducing energy consumption, heating costs and, consequently, CO2 emissions.

2 Unique Aesthetics

Low-e coating has a completely neutral aesthetic. Color performance during transmission and reflection is particularly high.

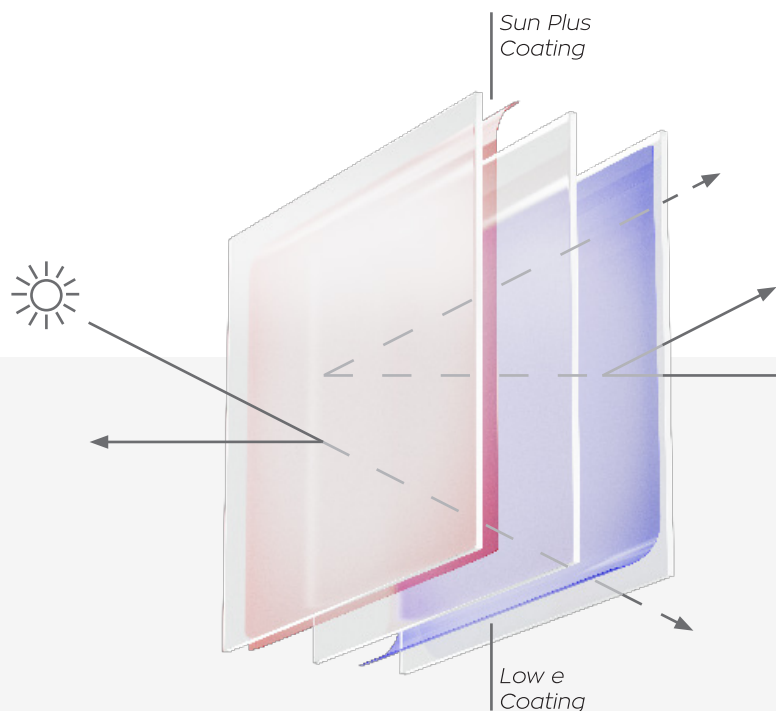
Composition (mm)	Gas filling	Value Ug W/(m²K)	Light transmission (%)	g value (%)	Light reflection (%)
5/15/*4	Argon > 90 %	1,1	81	64	12
4*/16/5/15/*4	Argon > 90 %	0,6	73	53	16
5/15/5/15/*4	Argon > 90 %	0,9	74	59	16

Values are calculated in accordance with EN410-2011 and EN673-2011 standards.
* Coating position

Our Proposal

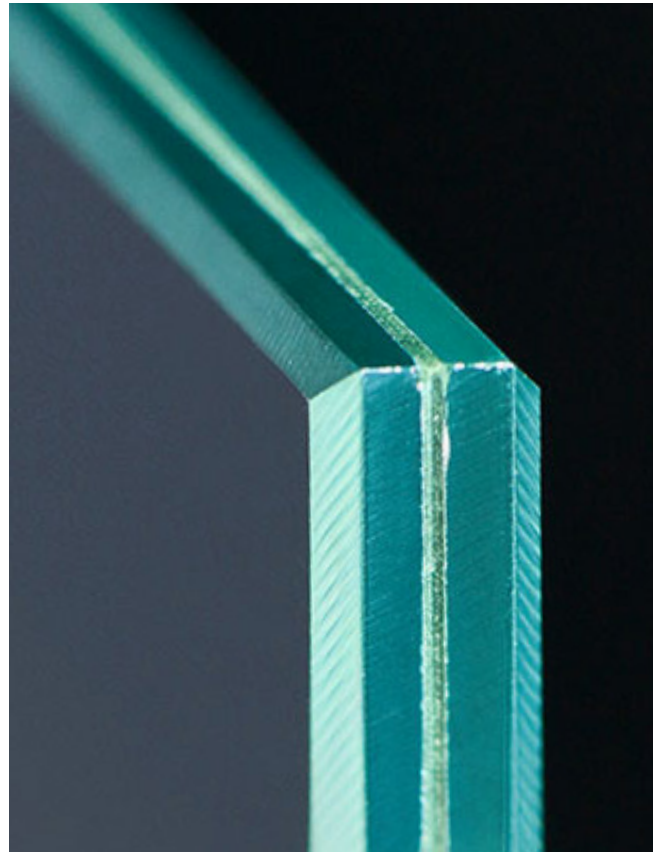
Triple energy efficient glass panes with **Sun Plus - Low e technology & Thermix spacer**.

Unparalleled thermal protection and high durability.



Triplex glass panes

The enhanced protection and security proposal of Thermoplastiki



Soundproof structure

Triplex security is not limited to material threats only. Soundproofing is also guaranteed with this option. The excellent reflective property of the membrane creates a shield and blocks sound waves, to provide a peaceful interior, free from any external disturbance.

Bulletproof structure

Manufactured under extremely high pressure and temperature, bullet-proof triplex glass panes provide excellent protection in case of increased need for security. The amount of layers and PVB membranes determine the security level of the glass pane.

Break-proof structure

Internal film layers secure the glass structure even in case it breaks. The broken glass pane stays in place without breaking into fragments, to prevent from any injuries and to ensure protection against burglary, even when broken.

Wind-resistance structure

The durability of triplex glass panes can protect your space from high-speed gusts of wind, reducing the bending strength of the glass pane. In this way, the large dimensions of the frames pose no restriction anymore.

The Argon gas

Thermoplastiki, in addition to the advanced glass panes that manufactures in its integrated and state-of-the-art production unit, provides all energy glass panes with the automated addition of Argon gas (90%), within the spacer of the double or triple glass pane. Argon gas is an innovative solution in the thermal insulation industry, improving the double Sun Plus energy-efficient glass pane thermal transmittance properties by 25%.

The Thermix Warm Edge Spacer

To improve the U_w factor to the maximum, the company uses Thermix warm edge spacers, practically reducing the energy cost of the building and upgrading the indoor climate. The convection coefficient Ψ_g is 0.040 W/mK.

Thermix spacer prevents or limits the phenomenon of liquefaction inside the space.



Specialized Glass Panes

Ideal solutions
for any type of construction.

Tempered Glass Panes

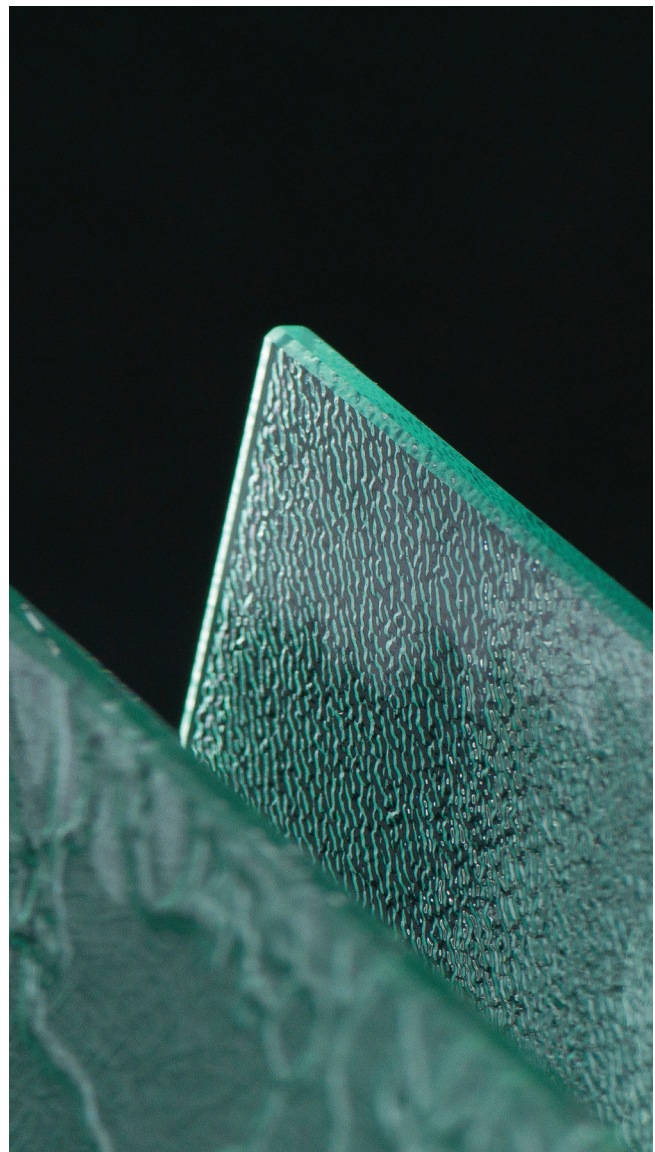
Tempered glass panes are produced by thermal processes where the hardening of their structure is achieved. First, they are baked in a special oven and then they are cooled in order to achieve the desired result. In addition, energy coating (Sun Plus - Low-e) can be applied to tempered glass panes, double or triple. In case of breakage they crumble, preventing possible injuries. They are the best choice for Architectural Frames.

Stop Sol

Reflective stop sol glass panes are ideal for cases where you want the privacy of the interior, as they prevent visibility from the outdoor environment. They also reflect a significant part of sunlight, thus blocking harmful radiation.

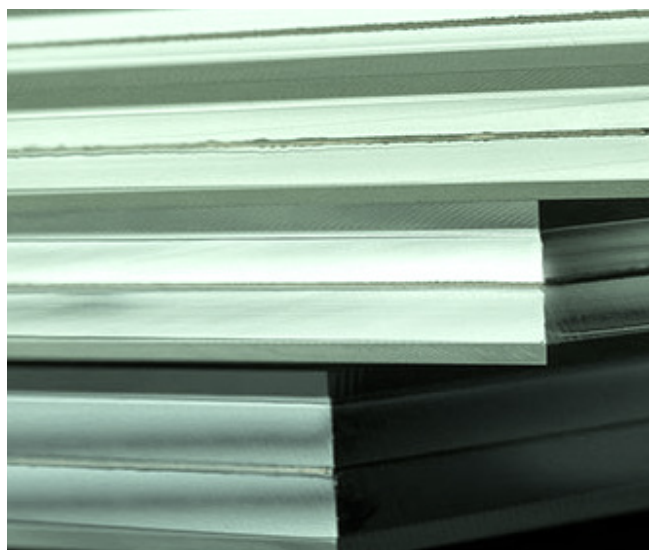
Graded Light Transmittance Glass Panes

Graded light transmittance glass panes consist of specially-treated matte glass strips, which allow just a portion of sunlight to enter, offering limited visibility with a blurring effect. This application is ideal for both internal and external applications. They are the best choice for Architectural Frames.



Glass panes that prevent burglars and ensure security

The composition of Triplex (Laminated) glass panes is based on the inner membrane. In case of breakage, the glass pane stays in place without breaking into fragments. This prevents both violation by would-be intruders and possible injuries. Triplex glass panes can be combined with the Sun Plus energy coating, as well as with the soundproofing membrane, as an investment in the quality of the indoor environment.



Triplex (Laminated) or Tempered Glass Panes?

Both of these types of glass panes offer security, while in case of breakage they ensure the prevention of injuries. If the main concern is the security of your place, then triplex glass panes are recommended due to their structure. For particularly large dimensions (Architectural Frames), tempered glass panes are recommended. Due to their processing, they have higher tensile strength and resistance to wind pressure, while no doubling of thickness is required compared to triplex glass panes. This results in a significant reduction in kilograms per square meter.

What does Solar Factor mean?

The solar factor is the indicator that measures the percentage of solar energy that penetrates the glass pane of a frame to the interior, in relation to the total incident solar radiation. The lower its value, the higher the sun protection offered by the frame.

The solar factor of Thermoplastiki's double Sun Plus glass panes is 0.39 (39%), while that of triple glass panes is 0.36 (36%).

MODERN SHADING SOLUTIONS

Variety of typologies to combine harmoniously with any frame.

The prime objective of the solutions we offer is visual comfort, shading and the overall protection of your space not only against any potential intruder.

With the use of top-quality mechanisms and accessories as well as certified raw materials and manufacturing processes, the final products are characterized by ergonomics, aesthetics, functionality and durability.



Thermoplastiki has been active for almost **40 years** in the manufacture of roller shutters and garage doors made of aluminum and uPVC.

Advanced Roller Shutters

Useful Information

The Perforated Roller Shutter Slat

Straight or curved, it offers high aesthetics, unlimited color choices and natural ventilation of the space. Moreover, the straight perforated roller shutter slat ($\Delta 25$ and $\Delta 30$) is almost silent when moving.

The “Smart” Roller Shutters

For easy roller shutter management even remotely via smartphone, choose an electric motor in combination with the TAHOMA automation system, to create personalized scenarios that will simplify your everyday life.

Superjacent or External Roller Shutter Boxes

When the opening is small in height, then it is recommended to use an external box for a larger passage in height compared to the superjacent box. It also offers better insulation results. If you are particularly interested in the aesthetics of the building and do not want visible roller shutter boxes, then the choice of a thermal insulated superjacent roller shutter is recommended.

Maximum Roller Shutter Dimensions

By use of the T16, roller shutters of up to 2m width are manufactured. By use of the T19, roller shutters of up to 2.5m width are manufactured. If the opening is up to 4.5m wide, choose the T77 slat, which is also ideal for garage doors. All three of these slats contain polyurethane for extra insulation and economy.

Thermal Insulated Roller Shutters

For maximum thermal insulation, choose either a uPVC thermal insulation roller shutter box with insulating material (Expanded Polystyrene feliblok or Graphite Expanded Polystyrene feliblok plus) or an aluminum thermal insulation box with a uPVC tip and insulation.

*Combine it with a roller shutter slat made of polyurethane.



OXIMO io Motor

Combine your roller shutter with a wireless or wired torque-controlled motor and an automatic obstacle detector. For the wireless OXIMO io motors, select additional automations and create the ideal conditions and desired operation scenarios, such as:

- SITUO 5 io Pure 5 Channel Controller

Possibility of central control of your electric motors, as well as your io devices.

Easily & quickly give bulk or individual orders.

- Temperature Sensor

Installed inside or outside the home, it monitors temperature levels and automatically runs the scenarios you have programmed in TaHoma.

- SUNIS II io Brightness Sensor

Installed outdoors in a wireless manner, it monitors the brightness levels and automatically runs the scenarios you have programmed in TaHoma.



From creating the ideal shading conditions to ensuring the safety of the garage entrance, it all depends on selecting and installing the proper roller shutters.

Thermoplastiki chooses certified raw materials with a view to creating ideal proposals for interior shading, energy efficiency and protection against adverse weather conditions.

The **high quality** manufacturing ensures the protection of your space and at the same time guarantees the **functionality** and **durability** of the final product.

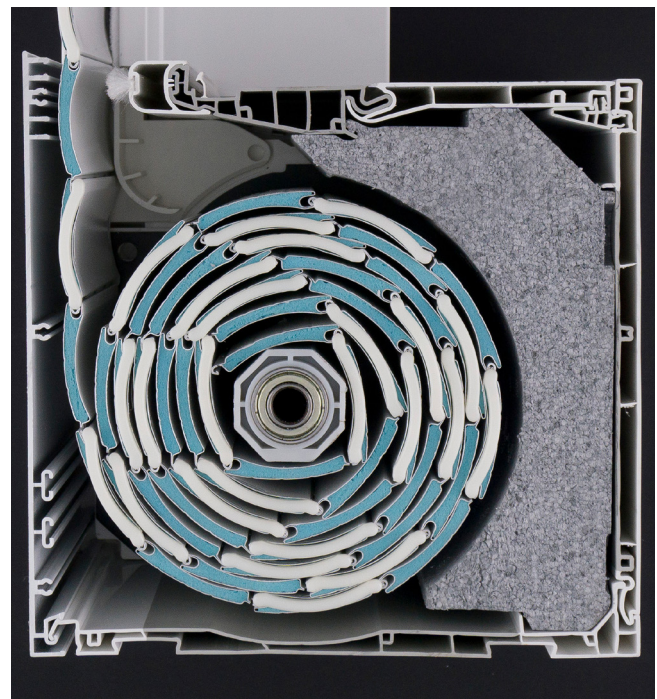
Roller shutter boxes

Roller shutter boxes with high thermal insulation properties.

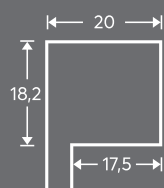
One of the most important parts in the installation of a roller shutter is the box in which it is rolled up. The box often proves to be detrimental to the life span of a roller shutter as well as a cause of reduced energy efficiency, due to its lack of thermal insulation properties. That's why all the superjacent roller shutter boxes manufactured by the company are thermally insulated.

But even if this is not the case, most of the time it simply looks like an awkward extension protruding out of the framing. At Thermoplastiki, we cater to even the slightest functional or aesthetic detail.

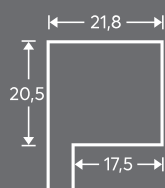
With us you can satisfy all your wishes and needs, by choosing your roller shutter box from a wide variety of types and materials, ensuring it blends into your space.



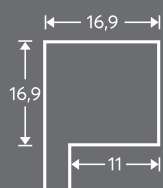
SUPERJACENT THERMALLY INSULATED uPVC BOXES



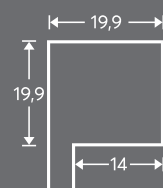
THERMAL INSULATION
UPVC SUPERJACENT
BOX 18.5 WITH FELIBLOK



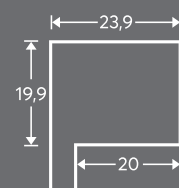
THERMAL INSULATION
UPVC SUPERJACENT BOX
(KÖMMERLING) 20.5X21.8



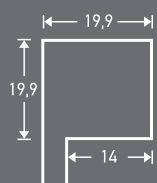
THERMAL INSULATION
UPVC SUPERJACENT BOX
T16.9



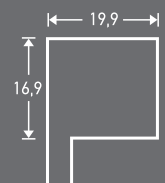
THERMAL INSULATION
UPVC SUPERJACENT BOX
T19.9 WITH FELIBLOK
PLUS



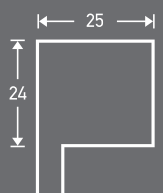
THERMAL INSULATION
UPVC SUPERJACENT BOX
T19.9X23.9 WITH FELIBLOK
PLUS



THERMAL INSULATION
BASIC UPVC
SUPERJACENT BOX T19.9

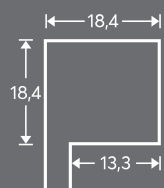


THERMAL INSULATION
SUPERJACENT BOX
T16.9X19.9 WITH FELIBLOK
PLUS

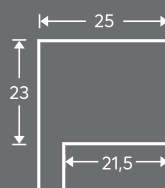


THERMAL INSULATION
SUPERJACENT BOX
(KÖMMERLING) 24X25 WITH
FELIBLOK PLUS

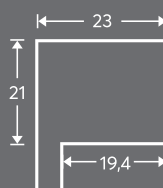
SUPERJACENT THERMALLY INSULATED ALUMINUM BOXES



THERMAL INSULATION
SUPERJACENT
ALUMINUM BOX 180X200

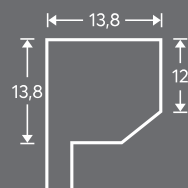


THERMAL INSULATION
SUPERJACENT
ALUMINUM BOX 230X250

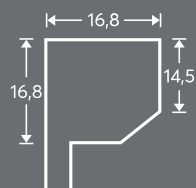


THERMAL INSULATION
SUPERJACENT
ALUMINUM BOX 210X230

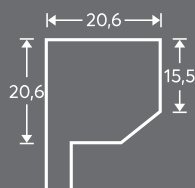
EXTERNAL ALUMINUM BOXES



EXTERNAL
ALUMINUM BOX T13.8

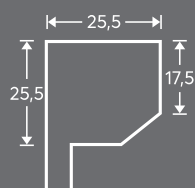


EXTERNAL
ALUMINUM BOX T16.8

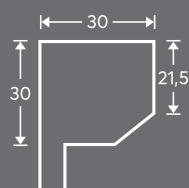


EXTERNAL
ALUMINUM BOX T20.6

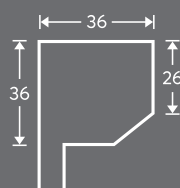
ALUMINUM BOXES FOR GARAGE DOORS



GARAGE DOOR
ALUMINUM BOX T25.5



GARAGE DOOR
ALUMINUM BOX T30



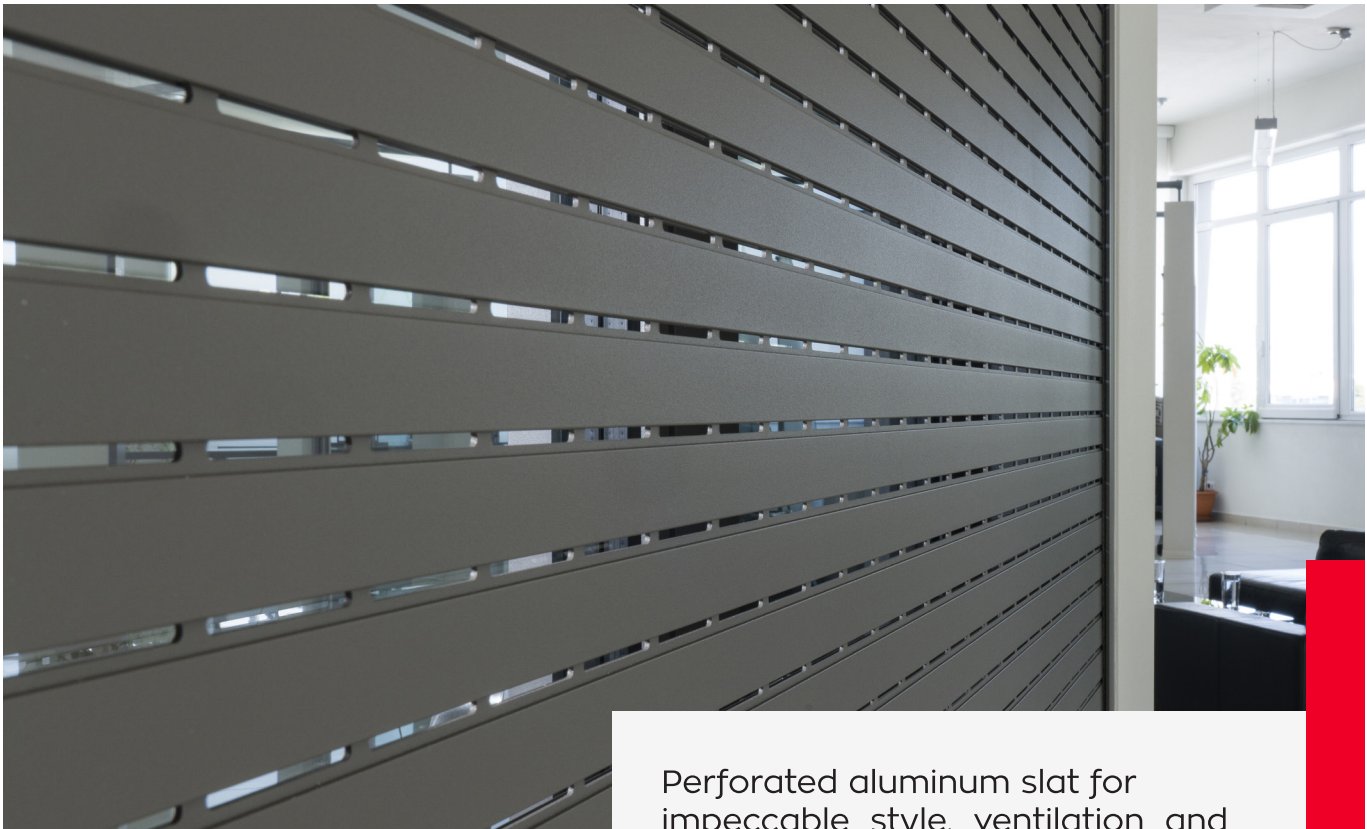
GARAGE DOOR
ALUMINUM BOX T36

Roller Shutter Slats

The most robust roller shutter slat in the market.

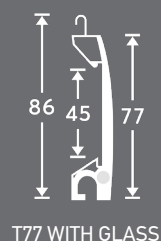
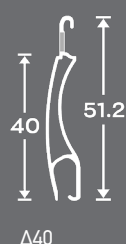
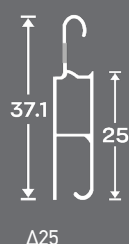
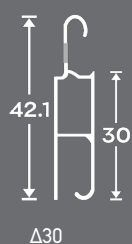
Each roller shutter application has its own use. Therefore, what determines the individual properties of each roller is the material from which it is manufactured.

The slats are hinged together to form the foldings and, by extension, the roller shutter itself. The material they are made of, as a whole, can provide additional properties, offering better thermal insulation, better burglar resistance or more resistance to wind gusts.



Perforated aluminum slat for impeccable style, ventilation and silent operation.

Here are some indicative
construction solutions that fulfill
 the requirements of every project.



Modern Shutters

Perfectly combined with the new frames colors of Thermoplastiki.

Thermoplastiki manufactures a wide variety of shutters of every type, with a view to satisfying all needs and architectural applications, thus improving the appearance and functionality of newly constructed or existing buildings.

You can choose between shutters made of aluminum, but also of uPVC, opening, sliding recessed, externally sliding, 1-, 2-, 3- or 4-sash. Always respecting the needs, style and aesthetics of the area where they are installed.

They are ideal for:

- Effective control of lighting, protection against the sun.
- Incomparable protection against extreme weather conditions.

uPVC Shutters



Movable louver option



High quality and aesthetics



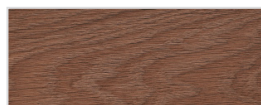
Long life span

Color Range

Thermoplastiki manufactures uPVC shutters in **wood shades** for perfect combination with your frames.

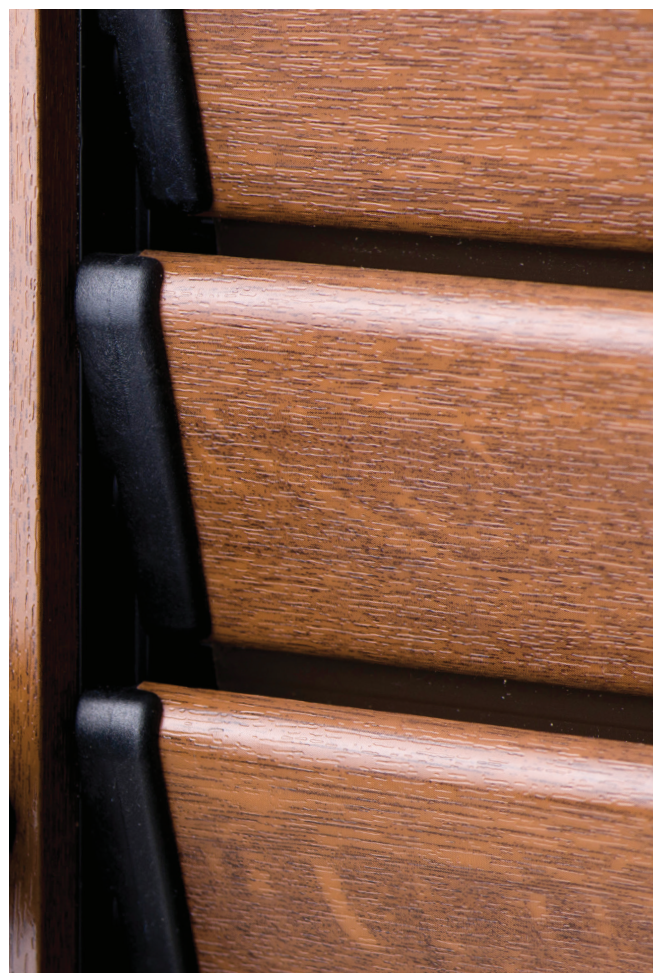


TURNER OAK MALT



TURNER OAK TOFFEE

Some color variations are possible due to printout.



*uPVC "traditional" shutters are only opening.



Aluminum Shutters



Movable louver option



Ideal for large openings



Top life span



Selectable hinge

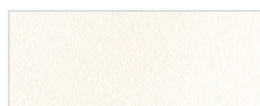


Sliding option

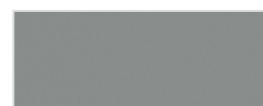


Color Range

Thermoplastiki manufactures aluminum shutters in **structura colors** for perfect combination with your frames.



Interpon D2525 Structura /
RAL9010 / YA310F



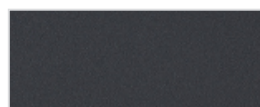
Interpon D2525 Structura /
RAL 7040 / YL340F



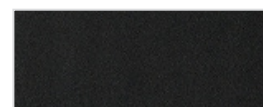
Interpon D2525 Structura /
RAL 7039 / YL339F



Interpon D2525 Structura /
RAL7012 / YL312F



Interpon D2525 Structura /
RAL 7016 / YL316F

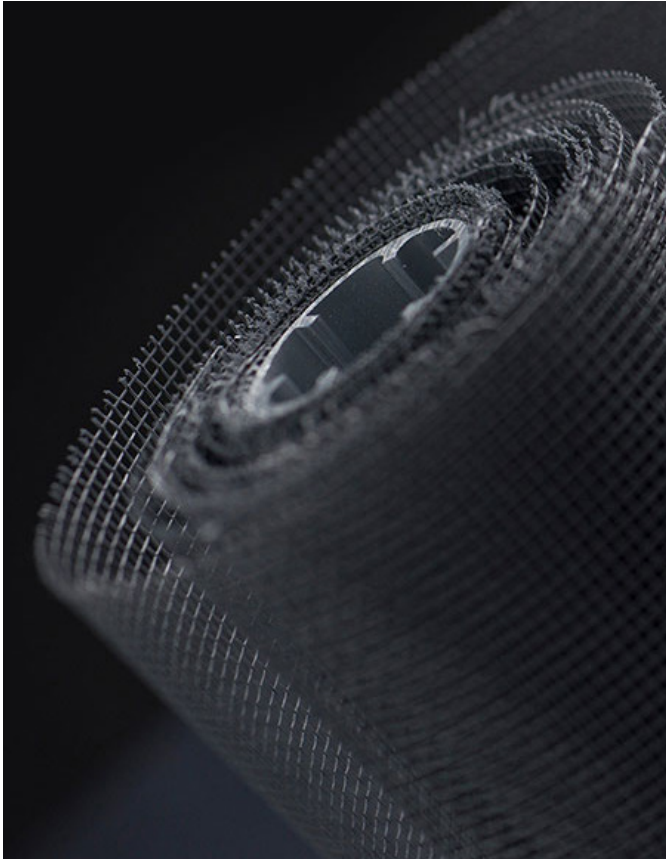


Interpon D2525 Structura /
RAL 9005 / YN305F

Some color variations are possible due to printout.

* Sliding shutters are made only of aluminum in single or double sash structures.

MODERN INSECT SCREENS



Each screen manufactured by the company adds functionality and aesthetics to your space, keeping away dust and insects. The variety of applications is not limited to the typology and mechanism, but also includes color and material.

It is made of **fiber glass stiff net** and comes with a **hydrophobic coating** for easy cleaning.

Thermoplastiki chooses black screen cloth, highly resistant to UV radiation, high temperatures and time, while offering better visibility.

Thermoplastiki offers a **wide variety of insect screen systems**, providing applications and solutions for covering **any type of opening**.

Available Typologies of Insect Screens:



HEAVY DUTY SLIDING



OPENING



PLEATED WITH CORD



PLEATED WITH SPECIAL TRACK CHAIN



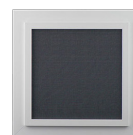
VERTICAL MOVEMENT



FIXED FRAME



FRAME-SLIDING



REMOVABLE



MOTORIZED

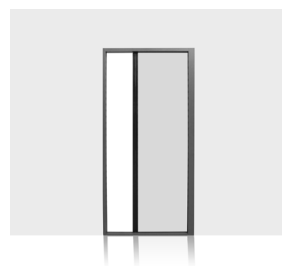
Centor Insect Screens

S2 Insect Screen

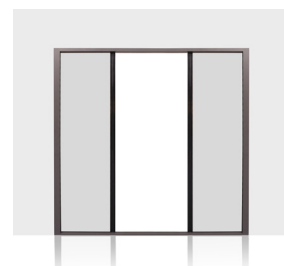
Ideal for smaller openings up to 4m wide.

Simple to use with Centor load balancing technology (Smooth Scrolling, One-Finger Operation).

Compact design – installable inside or outside the opening.



SINGLE-SASH (COVERS THE ENTIRE OPENING)



DOUBLE-SASH (TWO SCREENS THAT MEET IN THE MIDDLE OF THE OPENING)

Insect screen and Blind S4

Ideal for larger openings, can be manufactured for a length of up to 10m.

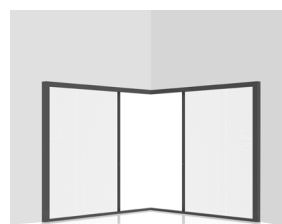
Simple to use with Centor load balancing technology, (Smooth Scrolling, One-Finger Operation).

Compact design – installable inside or outside the opening. The insect screen and the blind are fully recessed in the frame on all sides.

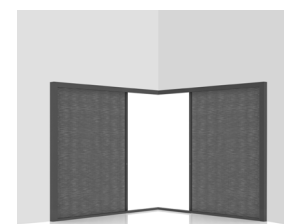
The S4 screen is the **only** screen solution for folding/sliding, three-sash and corner frames.



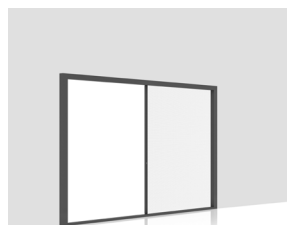
Design Award Red Dot: Best of the Best



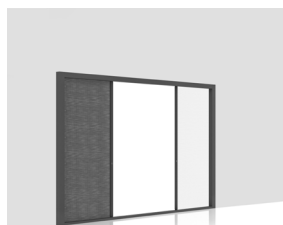
NO CORNER (TWO SCREENS THAT MEET AT 90-DEGREE OPENING)



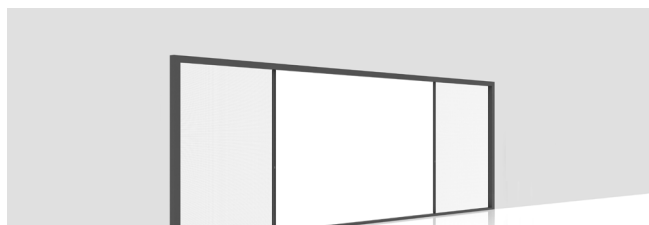
NO CORNER (TWO BLINDS THAT MEET AT 90-DEGREE OPENING)



SINGLE
(COVERS THE ENTIRE OPENING)



COMBINATION
OF TWO TYPES OF FABRIC



DOUBLE (TWO SCREENS THAT MEET AT 90-DEGREE OPENING)



AUTOMATION SOLUTIONS

Thermoplastiki takes a step forward combining smart frames and mechanisms with **automation systems** under the multinational company **Somfy** trademark, thus upgrading both your place's energy status and the quality of your everyday life.

With just your mobile phone or your tablet, you have access to any point, roller shutters, windows, doors and all other connected smart devices of your home, anytime from anywhere. Create your own profile and enjoy the everyday life the suits your lifestyle.



Smart Home

Tahoma Automation System

One system only, complete coverage at home. Manage the roller shutters, lighting, sockets and space heating with just a few clicks and create the ideal scenarios for you and your family.

Smart WiFi Wireless Thermostat

It takes into account the temperature and humidity in the room. Its installation is easy and fast, while it also optimizes the heating function.

Remote control io ON/OFF Socket

Discreet socket for wireless lighting control either from the remote control or from your smartphone.

Remote Access Management

Smart Lock

A small and smart upgrade to your front door lock will make your life safer and more carefree. With Smart Lock, you can unlock or lock your place remotely.

You can choose the desired access method:

- via the app from your smartphone
- via a special key chain
- via a bracelet
- via a card

Its design is innovative and it is equipped with an AES 256 encryption and a safety cylinder with resistance to corrosion and interference. Perfect for Airbnb short-term rentals.

Configure your place's **functionality** and maximize **security** and **energy saving** with the use of advanced automation systems.

SUSTAINABILITY AND CIRCULAR ECONOMY



Our mission is to protect and **care for people and the environment**, pioneering the manufacture and production of quality products.

Incorporating the principles of the Circular Economy and policies oriented towards enhancing sustainable development into our strategy, we create value-based, durable and usable solutions, minimizing waste generation, while promoting recycling and committing to sustainable business.

Recycling Actions



uPVC & Aluminum

Collection and recycling of scrap through licensed partners. Both materials are 100% recyclable, with a long life span.



Thermal Insulation Products

The company produces environmentally friendly thermal insulation products that are 100% recyclable at the end of their use and have a positive footprint.



Recycling of Containers

Production units are equipped with carton and nylon packaging compression presses, that enable their collection and recycling.



Blue Bins

We have incorporated the principles of Sustainable Development into the daily lives of our employees, constantly promoting the recycling of stationery and batteries.



Hybrid cars

We recognize our responsibility towards society and the environment and invest in hybrid company cars.



Glass panes Recycling

The company collects and sends for recycling the fragments produced during the manufacture of glass panes.



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