
WIŚNIOWSKI
Garage doors
SECTIONAL

For the last three decades, we have been working in accordance with the idea of the founder of the WIŚNIOWSKI brand, Andrzej Wiśniowski, who made it his goal to create innovative products addressing all of our customers' needs.
We want your home to be secure and comfortable. Taking advantage of our 30 years of experience in the production of garage doors, gates, windows, doors, and fences, we offer our customers top quality products. We know what a modern home needs and what challenges the household may face. Currently, our production hall spanning 270,000 square metres manufactures thousands of garage doors, gates, windows, doors, and fences every day. At the same time, we are also able to customize the products to meet our customers' requirements.
Everyone has different needs and expectations, which is why when manufacturing our products, we focus on listening to what you have to say. Meet the WIŚNIOWSKI brand – enter the world of comfort and security.

GARAGE DOORS **SECTIONAL**

GENERAL OVERVIEW	4 – 23
UNIPRO	16 – 19
UNITHERM	20 – 25
PRIME	26 – 35
RENOVATION SOLUTIONS	36 – 43
AVAILABLE VERSIONS	44 – 71
INSPIRATION	72 – 84
TECHNICAL INFORMATION	85 – 102
LOOKING FOR DIFFERENT SOLUTIONS?	103 – 111

www.wisniowski.eu

Welcome to the world of **WIŚNIOWSKI garage doors**

Choose one of our sectional, up and over, roller or double leaf garage door solutions. This **diversity** is our response to the requirements of our customers. Let us surprise you with the multitude of options. We present to you the **classy, safe, and functional** sectional garage doors by WIŚNIOWSKI.

CHOOSE
A SECTIONAL DOOR

UniPro

- Torsion spring system designed for **25,000 cycles**
- **Galvanized** construction
- Panel: **40 mm**
- Panel heat transfer coefficient **Up=0.48 W/m²K** (1)
- Rollers **with bearings**

UniTherm

- Torsion spring system designed for **25,000 cycles**
- **Galvanized** construction
- Panel: **INNOVO 60 mm**
- Panel heat transfer coefficient **Up=0.33 W/m²K** (1)
- **Double** rollers **with bearings**
- **Flexible** panel **joint covers**
- **Double** bottom **gasket**

PRIME

- Torsion spring system designed for **25,000 cycles**
- **Galvanized and painted** construction
- Panel: **INNOVO 60 mm**
- Panel heat transfer coefficient **Up=0.33 W/m²K** (1)
- **Double** rollers with bearings
- **Flexible** panel **joint covers**
- **Double** bottom **gasket**
- **Protection system** for mechanical elements
- **Modern automatic operating units** with high standard accessories

(1) - U factors of the door depending on the dimensions are specified in the table on page 85.
The factors are provided for doors without glazing, wicket doors, ventilation grilles, aluminium panels, and additional thermal gaskets.

Low ribs

V ribs

High ribs

No ribs

Caisson ribs

UniPro

Woodgrain	RAL 7016, RAL 8014, RAL 9006, RAL 9016, other RAL*, Golden Oak, Nut Brown	—	RAL 7016, RAL 8014, RAL 9006, RAL 9016, other RAL*, Golden Oak, Nut Brown	RAL 7016, RAL 8014, RAL 9006, RAL 9016, other RAL*, Golden Oak, Nut Brown	RAL 9016, other RAL* Golden Oak
Smoothgrain	—	—	Golden Oak, Nut Brown, 42 film coatings	Golden Oak, Nut Brown, 42 film coatings	—
Sandgrain	—	—	Anthracite	Anthracite	—
Silkline	RAL 7016, other RAL*	RAL 7016, RAL 9006, other RAL*	RAL 7016, RAL 9005, RAL 9016, other RAL*	RAL 7016, RAL 9005, RAL 9016, other RAL*	—
Home Inclusive 2.0	16 colors	—	16 colors	16 colors	—

UniTherm

Smoothgrain	—	—	Golden Oak, Nut Brown, 42 film coatings	Golden Oak, Nut Brown, 42 film coatings	—
Sandgrain	—	—	Anthracite	Anthracite	—
Silkline	—	—	RAL 7016, RAL 9016, other RAL*	RAL 7016, RAL 9016, other RAL*	—
Home Inclusive 2.0	—	—	16 colors	16 colors	—

PRIME

Smoothgrain	—	—	Golden Oak, Nut Brown 42 film coatings	Golden Oak, Nut Brown, 42 film coatings	—
Sandgrain	—	—	Anthracite	Anthracite	—
Silkline	—	—	RAL 7016, RAL 9016, other RAL*	RAL 7016, RAL 9016, other RAL*	—
Home Inclusive 2.0	—	—	16 colors	16 colors	—

* The garage door leaf can be painted in RAL colours – only for garage doors with Woodgrain and Silkline structure (excluding pearlescent, reflective, and metallic finish, as well as special colours)

Form and **function**

Sectional garage doors by WIŚNIOWSKI are manufactured using two types of panels:

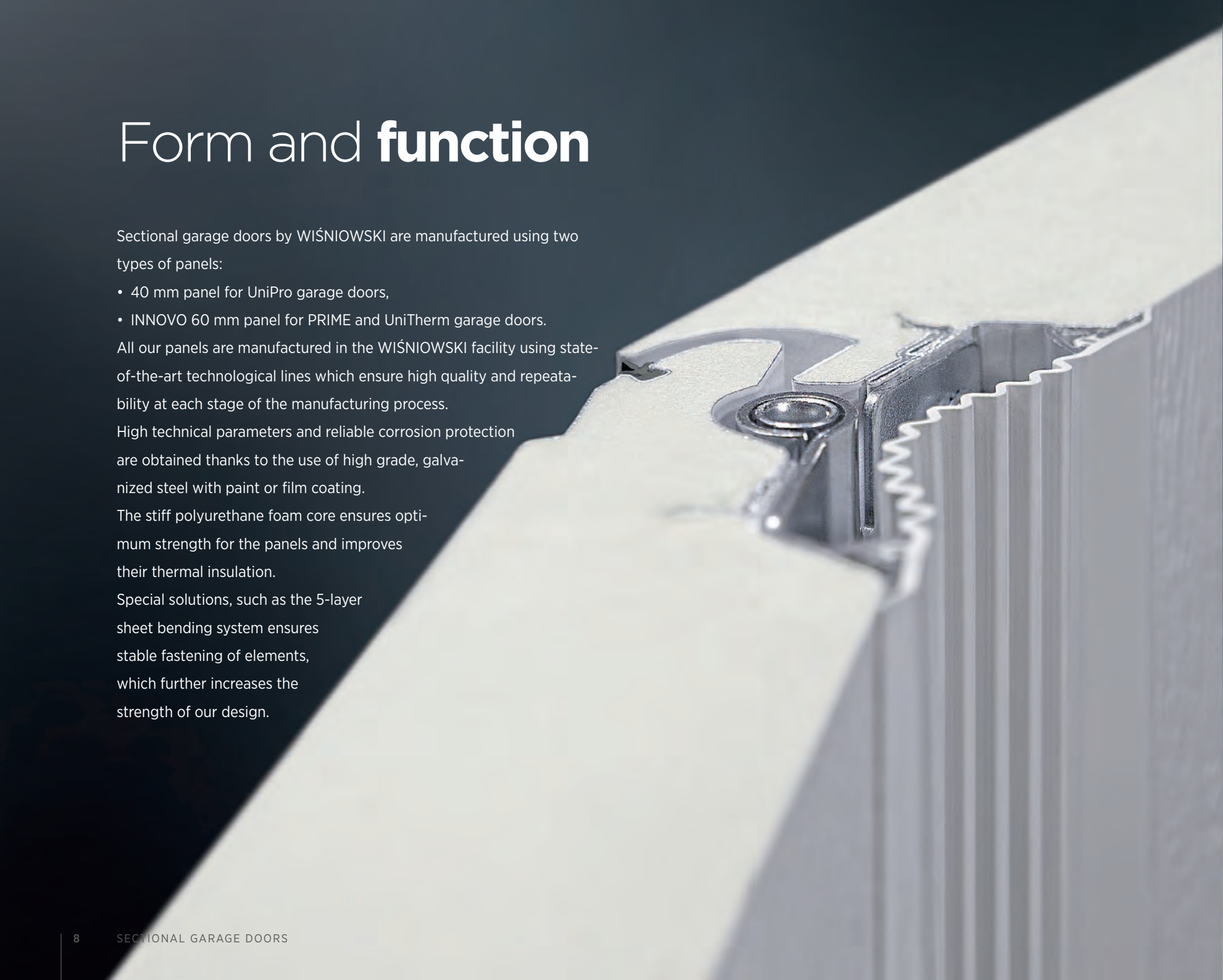
- 40 mm panel for UniPro garage doors,
- INNOVO 60 mm panel for PRIME and UniTherm garage doors.

All our panels are manufactured in the WIŚNIOWSKI facility using state-of-the-art technological lines which ensure high quality and repeatability at each stage of the manufacturing process.

High technical parameters and reliable corrosion protection are obtained thanks to the use of high grade, galvanized steel with paint or film coating.

The stiff polyurethane foam core ensures optimum strength for the panels and improves their thermal insulation.

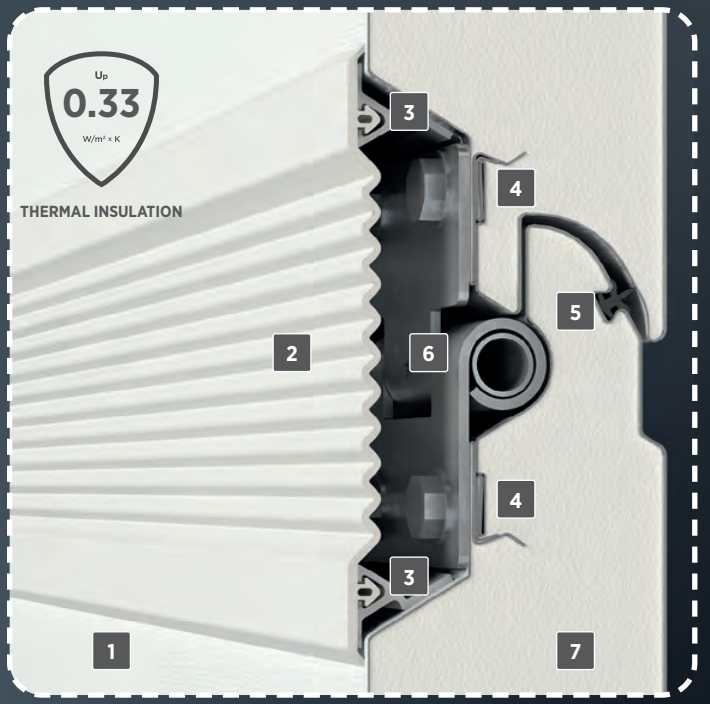
Special solutions, such as the 5-layer sheet bending system ensures stable fastening of elements, which further increases the strength of our design.



PANEL
40 mm

PANEL
INNOVO
60 mm

UniPro garage door



PRIME, UniTherm garage door

1. Closed panel construction. **2. Flexible** panel joint cover. **3. Aluminium** profile for fastening flexible covers.
4. Five sheet layers at the hinges. **5. Panel joint** seal. **6. Concealed** hinge. **7. Polyurethane** foam.

Functionality **and reliability that lasts**

We insist on implementing solutions that extend the life of our garage doors already at the design stage. Our TÜV SUD certificate guarantees that all the processes are strictly supervised along each stage, from the purchase of raw materials, through design and manufacture, up to the final product and customer support. It is a promise of the highest quality, safety, and comfort at each stage of use.

Our customers can take advantage of an extension of the standard warranty for up to 5 or 3 years by signing up for the EXTENDED CARE programme that covers automatic garage doors factory configured with the METRO, MOTO or SPARK drive unit.

Would you like to find out more about controlling your home features using a smartphone? The smartCONNECTED technology brings WIŚNIOWSKI automatic sectional garage doors to the next level of product development, tailoring them to the requirements of modern customers. On the one hand, it lets you control the devices with your smartphone, and on the other, it gives you full control and lets you stay in touch with your home from any place in the world.

The TÜV SÜD certificate confirms that our company operates in a systemic manner, which ensures that our processes are repeatable, our responsibility is transparent at each stage of meeting customers' demands, and that our processes are constantly being perfected.

5 years
WARRANTY
EXTENDED CARE
on automatic garage doors with the **METRO** or **SPARK** drive unit
WIŚNIOWSKI

3 years
WARRANTY
EXTENDED CARE
on automatic garage doors with the **MOTO** drive unit
WIŚNIOWSKI

EXTENDED CARE warranty

Extend your standard warranty and enjoy the comfort and safety guaranteed by WIŚNIOWSKI products.

Live more comfortably with **smartCONNECTED!**

Manage your home and property from any place in the world. The smartCONNECTED system integrates WIŚNIOWSKI garage doors, windows, doors, and fences, and makes it possible to control them via an app. Set scenarios, open, close, check the status, and monitor – these are the features brought to you by the TaHoma switch.

Remotely control garage doors, gates, windows, doors, and roller shutters.

Open garage doors and gates without touching your remote.

Manage your home via a voice assistant.

Thinking about your comfort **and safety**

Our garage doors meet the stringiest safety standards, which is certified by the **Declaration of Performance – the CE mark**.
High safety standards are ensured thanks to the use of a number of technological solutions, such as special panel shape, safety brakes, an integrated spring break safety system, and rollers with bearings.

RC2 anti-burglary safety kit

Garage doors with the METRO Smart io or MOTO io drive unit, fitted with the RC2 burglary kit have a certificate issued by the IFT Rosenheim Institute (Germany) which confirms compliance with the DIN/TS 18194:2020 standard.

The RC2 level burglary protection is confirmed by a certificate from the widely recognized IFT Institute, so you can rest assured that everything that is important to you is well protected.

A revolution in **thermal insulation**

The PRIME sectional garage doors are all about thermal insulation, which makes them a recommended choice for energy efficient and even passive buildings. PRIME is the answer whenever energy efficiency is a priority.
Thanks to thermally insulated panels and our sealing systems, we managed to eliminate heat loss in the most affected areas of the leaf in order to ensure parameters that allow sectional doors to maintain optimum temperature inside your garage.

Innovative solutions at your home

Independent lighting in the form of LED strips under the door tracks ensures an even higher comfort when using your garage. The LED lighting simply snaps into place without the need to do any work on the electrical installation or the walls. It is a great addition to new and already fitted garage doors.

New trends in **design**

Looking for classic models and timeless colours? Perhaps conventional solutions do not suit you? Regardless of what type of garage door you need, at WIŚNIOWSKI you will find the product that meets all your needs.

For many years, WIŚNIOWSKI has been a pioneer in combining product functionality and aesthetics. The latest result of this approach is the PRIME Black Edition garage door. It is a unique garage door among those available on the market, featuring black internal finish. The elegant black with nearly unlimited leaf front colour and customization options makes it possible to create a design tailored to your needs and dreams.

DESIGN


A new take on garage doors.
Discover the PRIME Black Edition.

UniPro.
Always universal.

UniPro combines precision manufacturing and attention to detail with the vast range of designs, structures, colours, and decorative motifs. This lets you match the UniPro garage doors with both modern and traditional buildings. Thanks to the multitude of design solutions, the UniPro garage doors are used in new buildings, as well as in renovated buildings where other types of garage doors were used in the past. At the same time, they remain fully functional and maintain the parameters required to close the garage, which makes them one of the most universal solutions among garage doors.

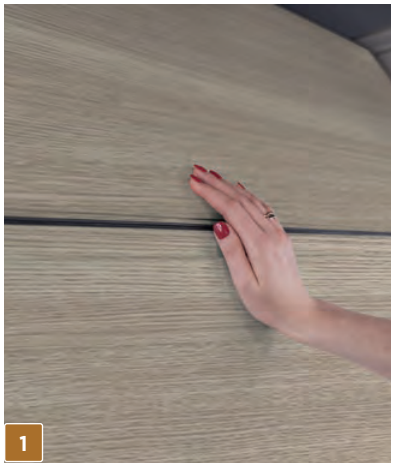
STANDARD CLASS

UniPro.

Functionality and safety.

Safety is one of the most important factors in garage door use, and this is why apart from safe design, proper safeguards must be used to ensure that users are fully protected.

SAFETY

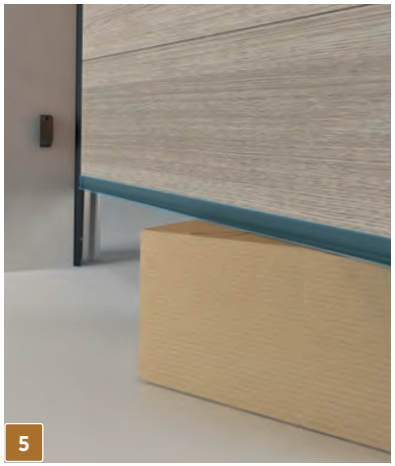


Special panel shape

Spring break safety device – a standard accessory for doors with a door surface area of ≥ 9 m²

Integrated spring break safety device

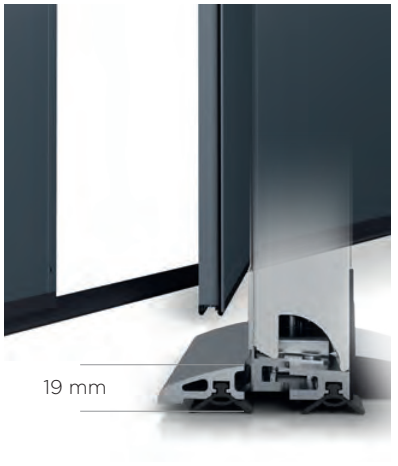
Double-lip circumferential seal



Overload safety device for automatic garage door

Photocells – option

Quiet guiding rollers (in doors with torsion springs)



Low threshold in wicket door (19 mm high)

UniTherm.
New standards.

The UniTherm garage door has a high resistance to wind load and water ingression and low air permeability. These parameters not only increase the life of the garage door, but also let it maintain its aesthetic qualities for many years to come. This innovative design solution ensures durability and safety, and at the same time remains functional in everyday use.

PREMIUM STANDARD

UniTherm.
Functionality and safety.

All the individual systems which make the garage door safe are interdependent and at the same time work in harmony with specific structural parts. For example, the inner covers at the panel joints and the safety brake. With a perfectly integrated drive system, UniTherm is a technological trendsetter which shows that quality and safety are inextricably linked here.

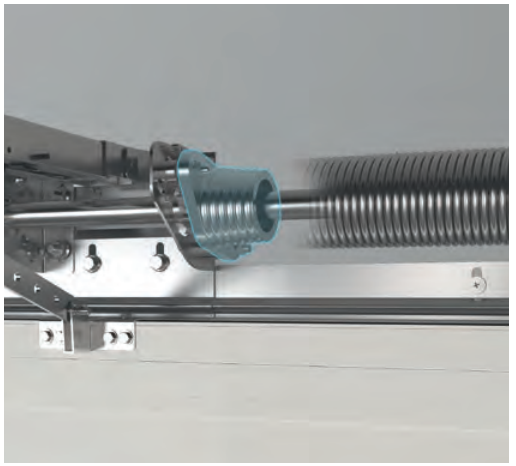
Quiet hinges

Flexible panel joint covers

SAFETY

Safety brake prevents the leaf from dropping in case of cable damage

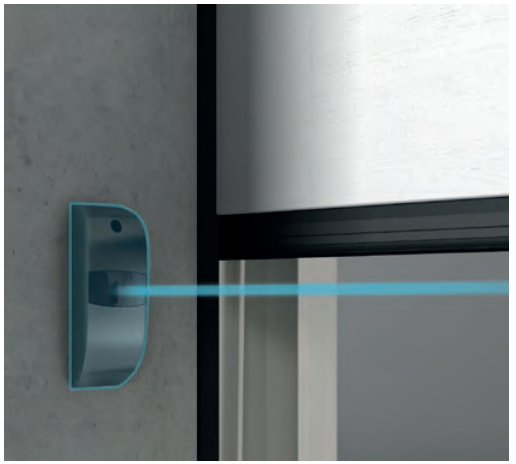
Overload safety device for automatic garage door



Integrated spring break safety device

Double rollers with bearings

Safe panel shape



Photocells – option

UniTherm.
Efficient thermal insulation.

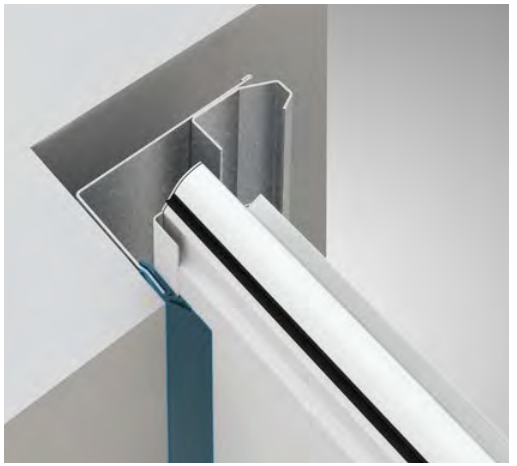
The UniTherm garage door was developed in response to the requirements of energy efficient buildings. It fully benefits from the thermal insulation properties of the INNOVO 60 mm panel and the sealing solutions. This means higher energy efficiency of your home, because heat losses are eliminated in the most affected areas of the garage door leaf.

The INNOVO PANEL

The unique design of the INNOVO **60 mm** panel provides an excellent heat transfer coefficient. It also constitutes a great framework for the lining. Special solutions, such as the 5-layer sheet bending system ensure stable fastening of elements, which further increases the strength of our design.

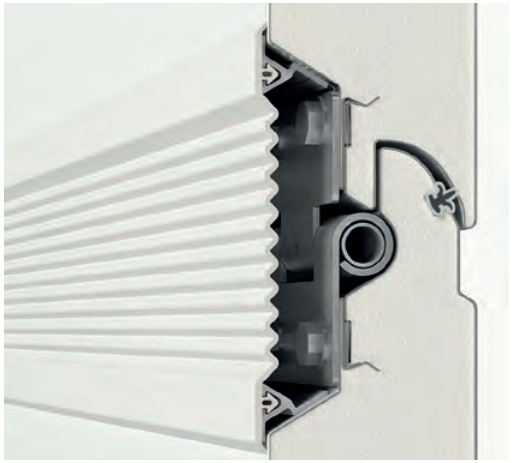
Heat transfer coefficient of the INNOVO panel Up = 0.33 W/m²K.

Double bottom gasket



Double-lip circumferential seal

Additional sealing in the top aluminum profile



Panel joint seals

PRIME.

A new generation of garage doors.

Imagine a new generation of garage doors. A garage door which is not just another way of putting all the available solutions together, but an effect of a search for balance between modern technology, quality, safety, and design. This is what the PRIME door is all about. An innovative garage door, perfected in every detail, which meets your demands before you can even define them. With this fully equipped automatic door, every time you reach for the remote control, you can be sure that you made the right decision. PRIME is unrivalled – its classic design is just a hint of what this ingenious garage door hides inside. **Be the first, be PRIME. Find out about the exceptional advantages of our unique PRIME garage door!**

EXCLUSIVE CLASS


A new generation of sectional garage doors.
See the video and discover the PRIME door.

PRIME.
Perfect in every detail.

PRIME means design focused on elegant and timeless simplicity, breaking with the purely functional approach to the garage door design. We have designed PRIME with attention to every single detail, because perfection depends on details.

Perfected **details**

Exquisite **manufacturing**

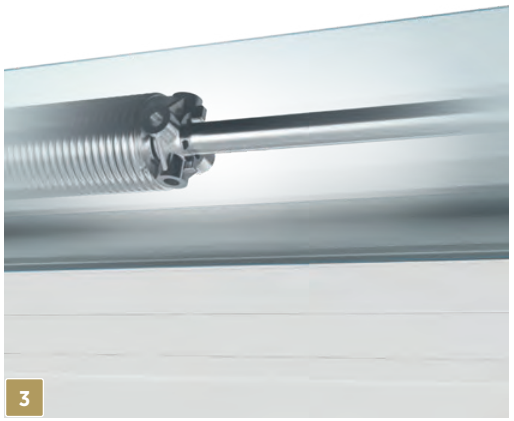
Painted **elements of the construction**

PRIME.
A new definition of safety.

All the individual systems which make the garage door safe are interdependent and at the same time work in harmony with the structural parts. They include fixed guide covers, moving roller covers, an integrated spring and shaft cover, shaft and spring side covers, as well as flexible inner covers at panel joints.

Flexible panel joint covers

Vertical guide covers



Integrated shaft and spring cover

Moving roller and guide covers

The METRO Smart io drive unit, compatible with the smartCONNECTED Box and TaHoma switch central control units

Photocells

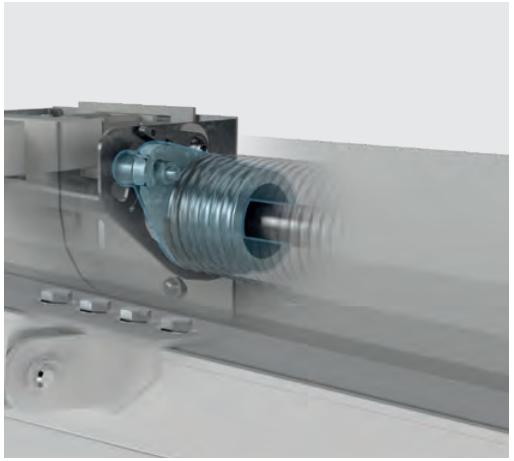
PRIME.

An icon of safety.

PRIME does away with safety stereotypes. Not only is it a vision of a beautiful garage door, but also a reflection of our concern for safety. PRIME uses an end-to-end approach to safety and security. We used the technology not only to provide security, but most importantly to offer safety. The numerous advanced safeguards for structural parts and mechanisms help protect all the users and make your home this much safer. With a perfectly integrated drive system, PRIME is a technological trendsetter whose every detail shows that quality and safety are inextricably linked here.

Safety brake prevents the leaf from dropping in case of cable damage

SAFETY



Integrated spring break safety device

Safe panel shape

Integrated shaft cover with side covers

Double rollers with bearings

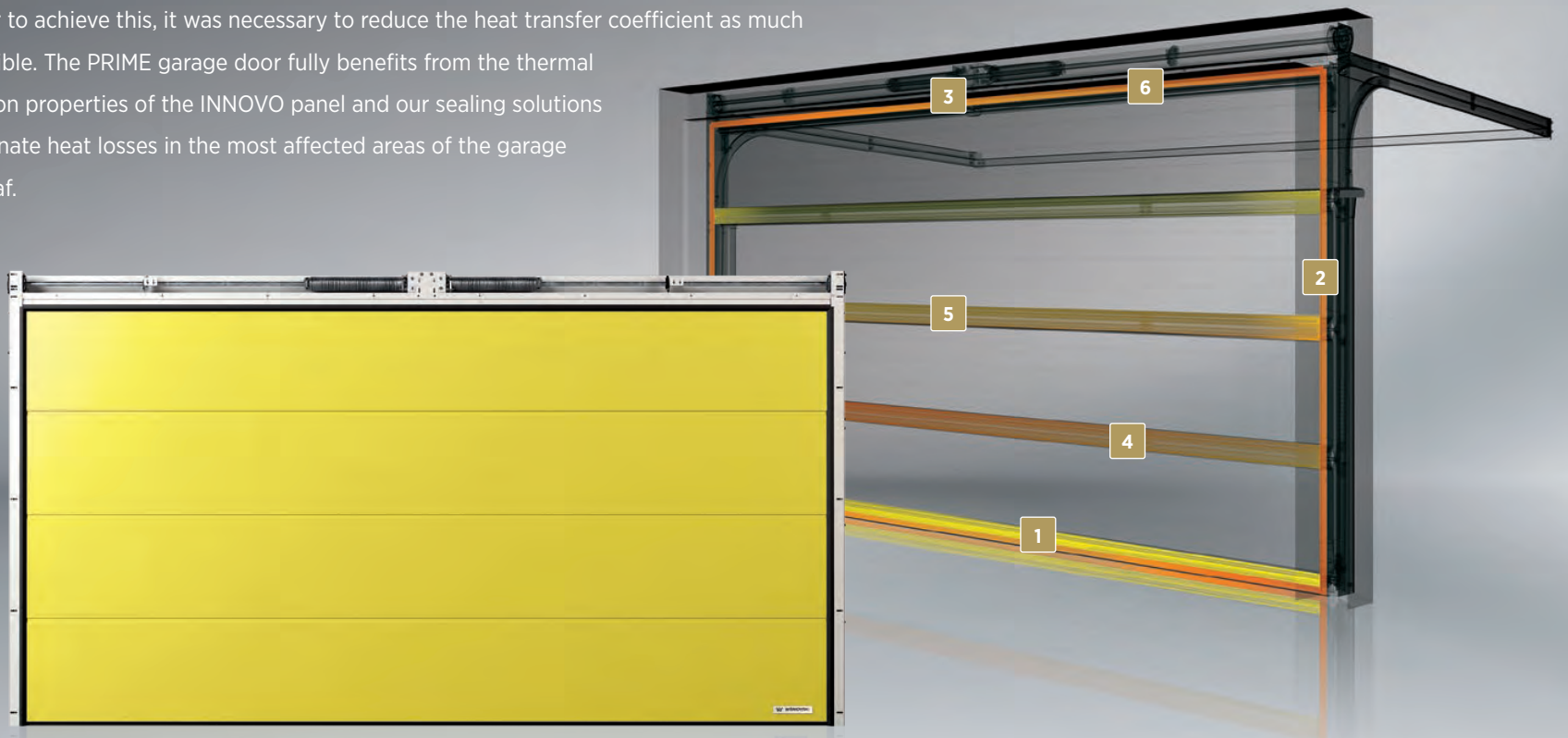
Overload safety device

External optical sensors

PRIME. Major arguments for thermal insulation.

The PRIME garage doors are all about thermal insulation, which makes them a recommended choice for energy efficient and even passive buildings. PRIME answers the demand for maximum energy efficiency and minimum thermal losses in buildings.

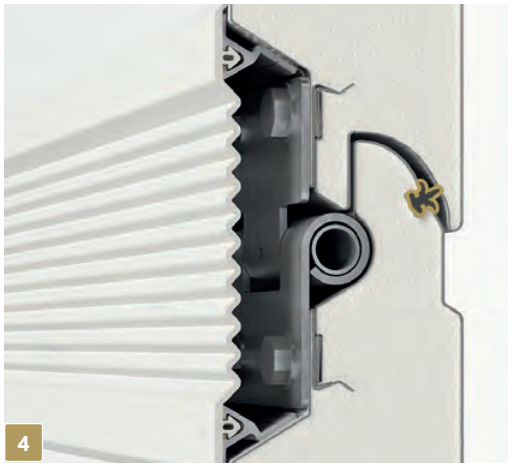
In order to achieve this, it was necessary to reduce the heat transfer coefficient as much as possible. The PRIME garage door fully benefits from the thermal insulation properties of the INNOVO panel and our sealing solutions to eliminate heat losses in the most affected areas of the garage door leaf.



Double bottom gasket

Double-lip circumferential seal

Double-lip gasket in the fascia panel



Panel joint seals

Flexible panel joint covers

Additional sealing in the top aluminum profile

Renovation **solutions**

Renovation is all about adapting the functionality of the current building to the needs of its users. The aim of the refurbishment is usually to improve the aesthetic quality of the building.

Our renovation solutions let you install sectional garage doors in the garage opening regardless of the building conditions, even if the building has no lintel or side clearance. Enhance the functionality and the look of your garage with our renovation solutions.

UniPro **RenoSystem**

The UniPro RenoSystem is our response to the needs of buildings intended for renovation.
The structure is made of door frames adapted for installation in openings without the lintel or side clearance or with uneven wall surface. This structure comprises a fascia panel system in the same colour as the door leaf, which ensures great appearance without the need for further finishing works.

UNIVERSAL INSTALLATION

The RenoSystem solves a multitude of potential issues that could occur during the replacement of the garage door. The structure is mounted directly to the existing surfaces with a system of angle bars which, paired with fascia panels, take over the functionality of the missing wall elements.

SNP version

SSt version

Installation using lintel

Installation using frame

Installation behind the opening – fascia panel behind the opening

Installation in the opening – fascia panel in the opening

Installation in the opening – fascia panel in front of the opening

UniPro **SNP 2.0**
UniPro **SSt 2.0**

The UniPro SNP 2.0 and UniPro SSt 2.0 sectional garage door is dedicated primarily for buildings with a low lintel, with little space for torsion springs and narrow side clearance making it impossible to use traditional solutions. It is also used for renovation, particularly with imperfectly finished garage openings.

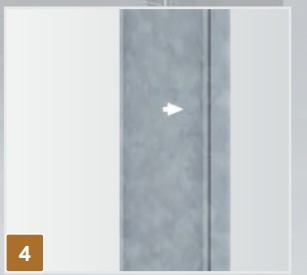
The UniPro SNP 2.0 and UniPro SSt 2.0 features a specially designed system of tracks and opening frames, which enables adjustment of the position of the door during fitting. Thanks to its proven structure, it is a reliable solution that is easy to install, which saves the customer's time and money.

Side gasket + opening frame fascia panel in the garage door colour

Tracks joined with the opening frame with screws

SSt 2.0 version

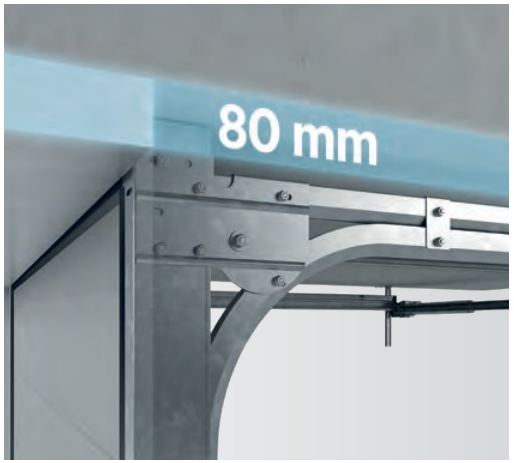
Universal installation method



950 mm mark

Tension spring system

UNIVERSAL INSTALLATION



80 mm lintel

UniPro **Nano80**

The design of the **UniPro Nano80** garage door was adapted to the building conditions, where the low lintel prevents the installation of an automatic garage door. Thanks to its special track profile, the UniPro Nano80 automatic garage door can be installed even with **lintels just 80 mm high**, increasing the comfort for the garage users. Varied designs and a vast colour palette allow you to match the garage door to both traditional and modern buildings.

LINTEL

Sectional door **installation structure**

It is a modern and functional solution enabling the installation of sectional garage doors regardless of the building conditions in your garage. It acts as a framework and replaces the missing elements of the lintel or the side area where the structural elements of the garage door are mounted.

The structure is made of corrosion resistant galvanized steel and because fascia panels can be used in the door opening, the garage entrance maintains great appearance.

UNIVERSAL INSTALLATION

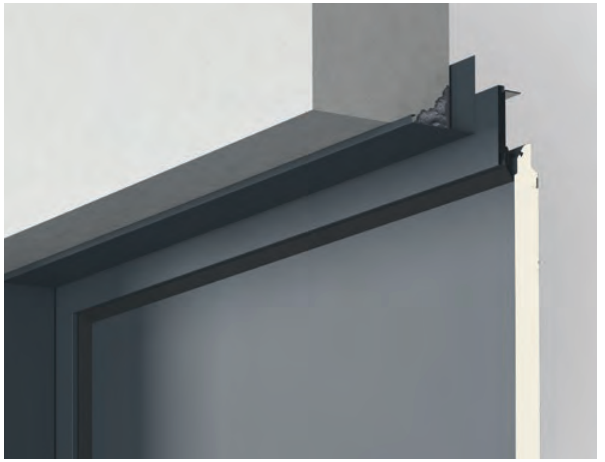
Renovation cladding panels

This solution makes it possible to match the front of the building with the design of the garage door curtain.

A perfect solution for owners of multi-car garages who appreciate a uniform style of buildings with a garage integrated with the building structure.

Renovation
fascia panels

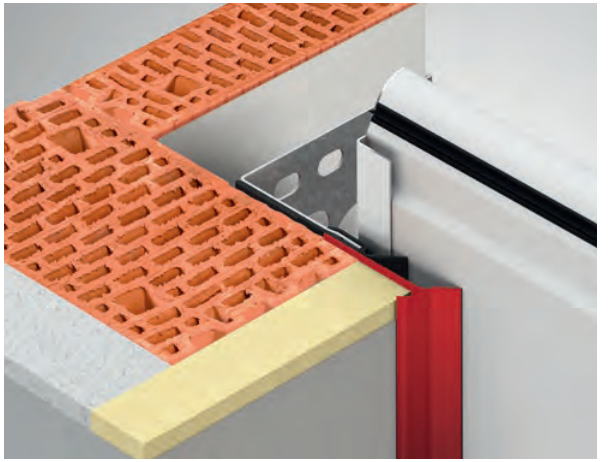
The garage door opening can be damaged in the process of replacing the garage door.
Fascia panels matching the door leaf colour can be used to cover up the damage or some less appealing building structure features.



Renovation fascia panel – option

Finishing thermal
seal

Makes it possible to provide an aesthetic finish of the garage opening thermally insulated for example with a layer of polystyrene or Styrodur by eliminating the clearance between the thermal insulation layer and the door leaf surface, which improves thermal insulation.



Finishing thermal seal - option

Structures, versions, colours

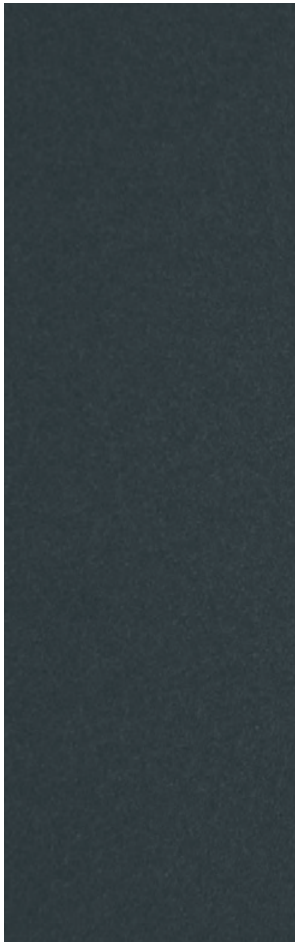

WIŚNIOWSKI

STRUCTURES

Woodgrain

Smoothgrain

Sandgrain



Silkline

Silkline,
panel with V ribs

DESIGNS

Garage door with panels without ribs

Garage door with panels with high ribs

Garage door with panels with low ribs

Garage door with panels with caisson ribs

Garage door with panels with V ribs

VERSIONS

Garage door with portholes – type A-1

Garage door with portholes – type C-1

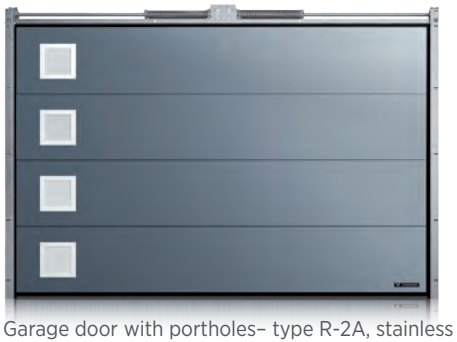
Garage door with portholes – type E-1

Garage door with portholes – type O

Garage door with portholes– type O-1A, stainless steel porthole frame

Garage door with portholes– type O-2A, stainless steel porthole frame

Garage door with portholes– type R-1A, stainless steel porthole frame



Garage door with portholes– type R-2A, stainless steel porthole frame

Garage door with portholes – type W3-1

Garage door with portholes – type W4-1

Garage door with portholes – type W5-1

Garage door with portholes – type W6-1

Garage door with VISUAL glazing
– available for garage door widths up to So=3000 [mm].

Garage door with an aluminium panel glazing

Garage door with a ventilated panel –
expanded mesh panel

Garage door with the HORIZON glazing

Garage door with a pet door

DECORATIVE MOTIFS

Type Ap-1

Type Ap-2

Type Ap-3

Type Ap-4

Type Ap-5

Type Ap-6

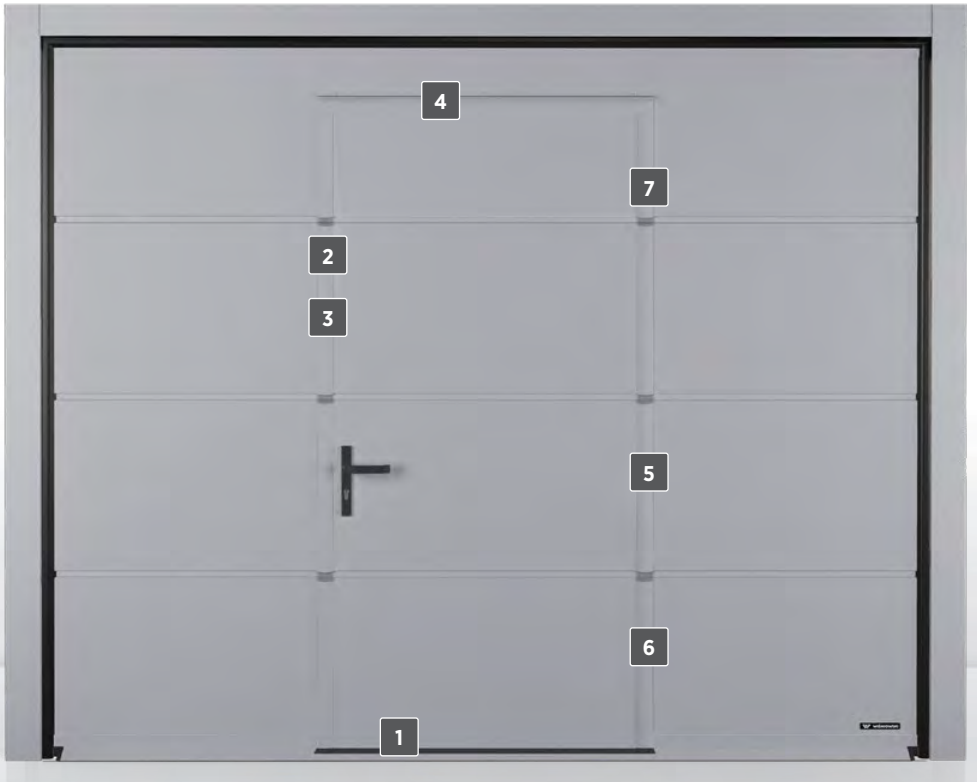
Ap-7 type in the door with panels without ribs

Ap-7 type in the door with panels with high ribs

The Ap-1 – Ap-6 decorative motifs are available in stainless steel colour and RAL 9005.
Ap7 decorative motifs are available in stainless steel and copper-clad stainless steel colours.

WICKET DOOR
in the UniPro garage door

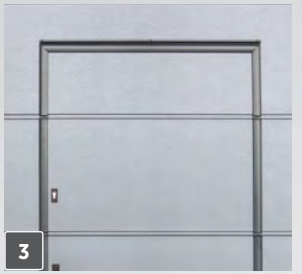
An option available for garage doors with a thickness of 40 mm, which improves the functionality of your garage and provides notable benefits in daily use.
A finely finished wicket door improves the functionality of a garage without a side entrance door. You do not have to fully open the garage door to get inside.
This means energy and time savings.



Low threshold
with a height of 19 mm minimizes the number of obstacles in the passageway (optional accessory).

Wicket door
fitted with a threshold 100 mm high (including a 40 mm) gasket as standard.

Opening sensor*
prevents activation of the garage door when the wicket door is open. The wicket door option in automatic doors includes a wicket door opening sensor.



Hardware
made of aluminium, in a colour matching the garage door leaf colour.

* – The METRO and MOTO drive units have a wireless sensor, while the SPARK drive unit has a wired sensor.

Drip cap
(standard accessory).

Concealed hinges
– adjustable.

Rail door closer
(standard accessory).

Rail door closer
supplied as standard with the wicket door installed in manually operated and power operated doors. It is fixed to the top hardware of the wicket door from the inside of the door. It is fitted with a restrictor. The hold open device cannot be installed.

System preventing the leaf from dropping.

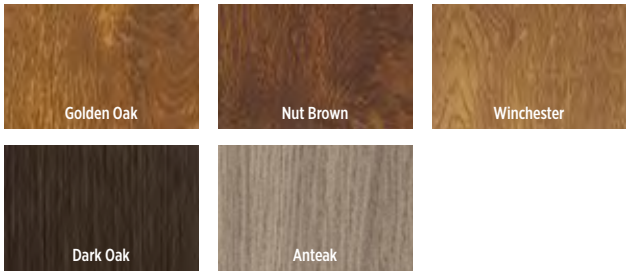
Distance brackets
with a safe shape, ensuring better tightness.

Concealed door closer
(optional accessory).

Concealed door closer
available in the full scope of dimensional ranges of the door which are compatible with a wicket door.
It can optionally be fitted to a wicket door instead of a rail door closer. A wicket door restrictor cannot be installed. Can be fitted with a hold open device.

HARDWARE IN A DECOR COLOUR

Decor colour of the wicket door hardware
a method of decorating aluminium parts by transferring photosensitive organic pigments from a special film onto a layer of polyester powder coat. This provides a durable and decorative coating which imitates the natural grain of wood.

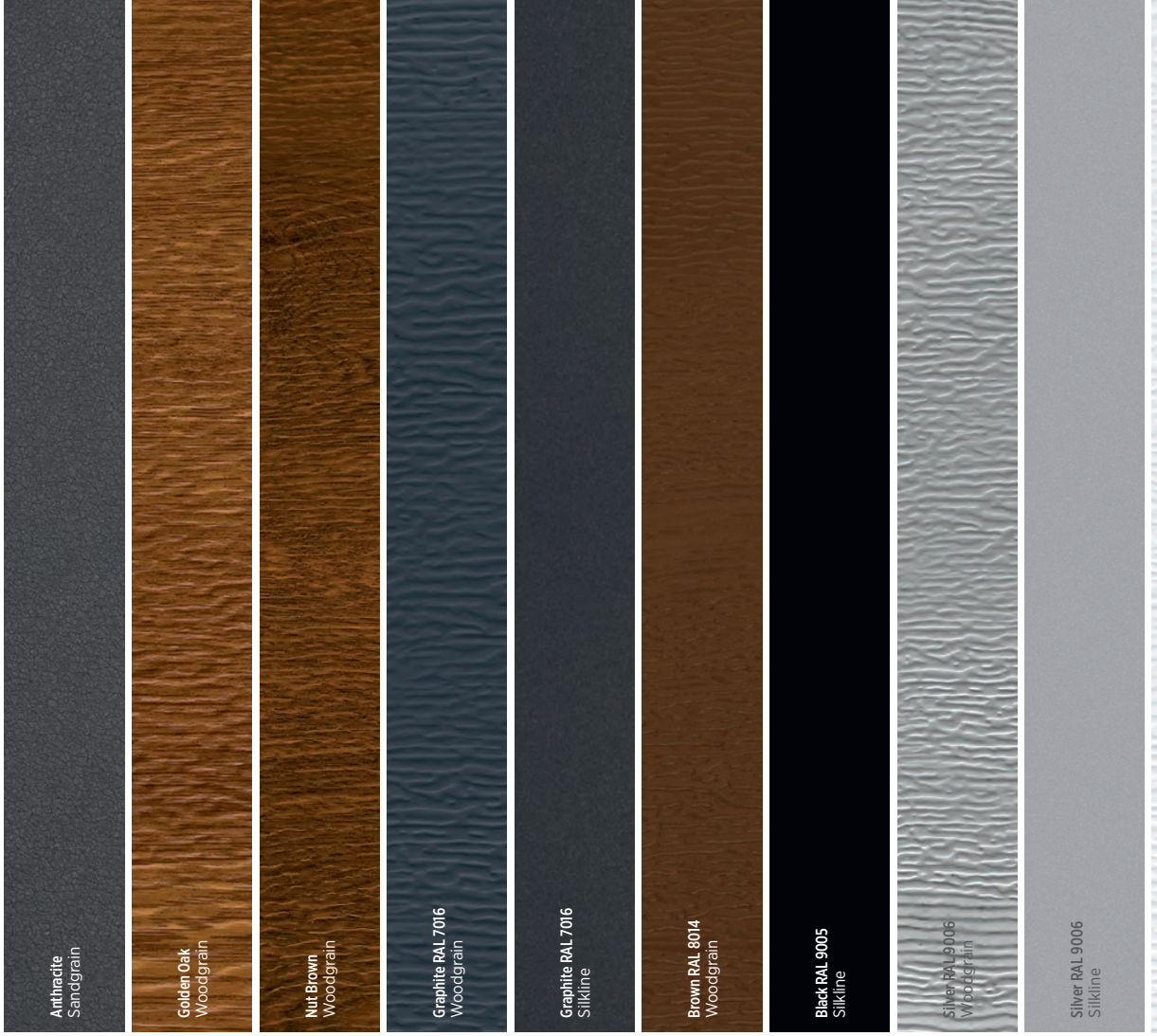


Decor colour of the wicket door hardware – available colours

An abundance of **colours**

Colour is the first feature our senses react to. We made sure that each of our customers can find the colour they are looking for. Our garage doors can be manufactured in RAL palette colours and in wood effect colours – together with our range of structures and extra decorative elements, this gives you hundreds of options for a tailored solution.

RAL palette colours, wood, steel, and other surface finish effects



	Anthracite Sandgrain	Golden Oak Woodgrain	Nut Brown Woodgrain	Graphite RAL 7016 Woodgrain	Graphite RAL 7016 Silkline	Brown RAL 8014 Woodgrain	Black RAL 9005 Silkline	Silver RAL 9006 Woodgrain	Sliver RAL 9006 Silkline	White RAL 9016 Woodgrain	White RAL 9016 Silkline
NO RIBS	● ▲ ■	■	■	■	● ▲ ■	■	■	■		■	● ▲ ■
HIGH RIBS	● ▲ ■	■	■	■	● ▲ ■	■	■	■		■	● ▲ ■
LOW RIBS		■	■	■	■	■		■		■	
V RIBS					■				■		
CAISSON RIBS		■								■	

● PRIME ▲ UniTherm ■ UniPro

All sectional garage door panels with Woodgrain and Silkline structure are available in RAL colours.

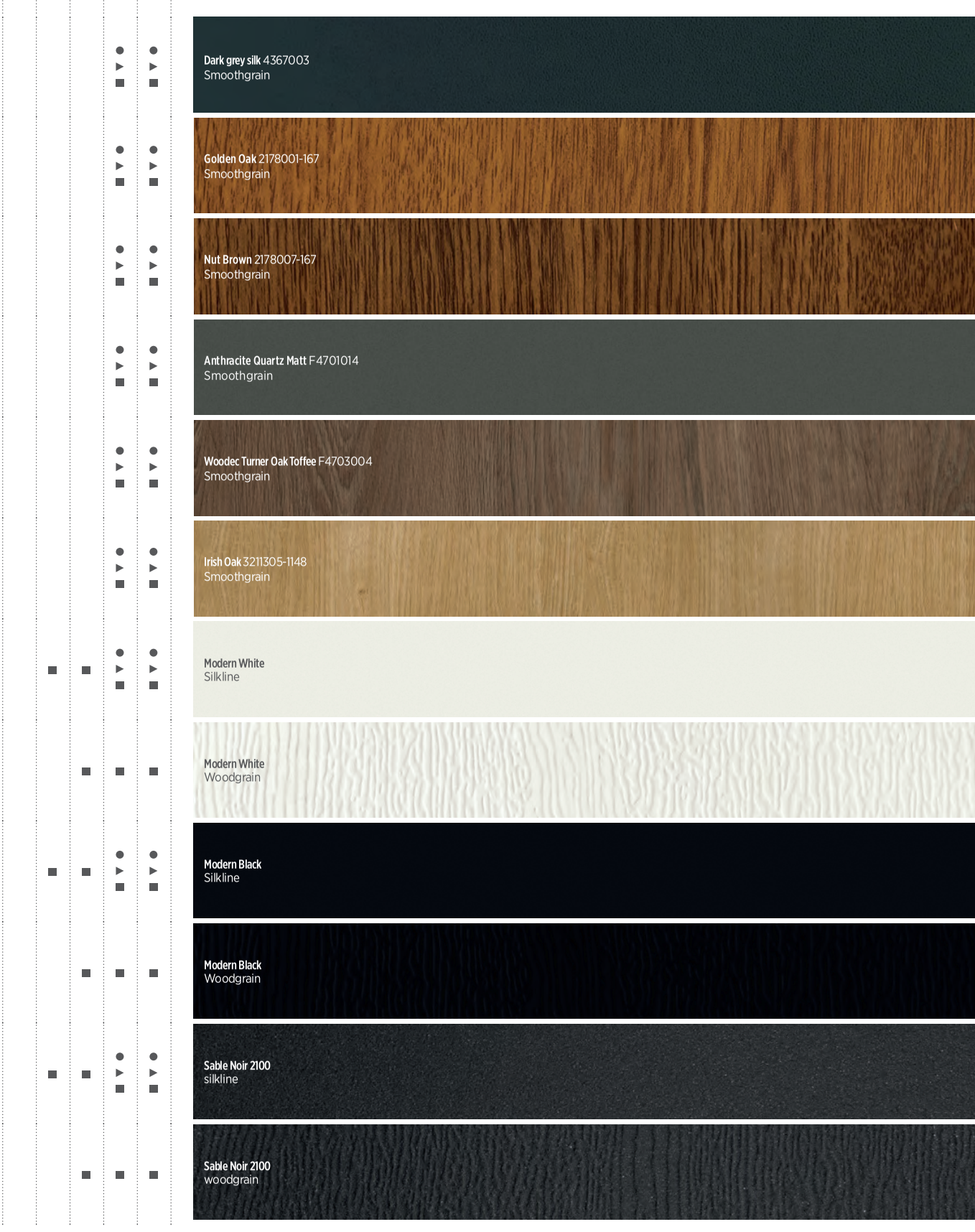
NO RIBS	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■
HIGH RIBS	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■
LOW RIBS												
V RIBS												
CAISSON RIBS												

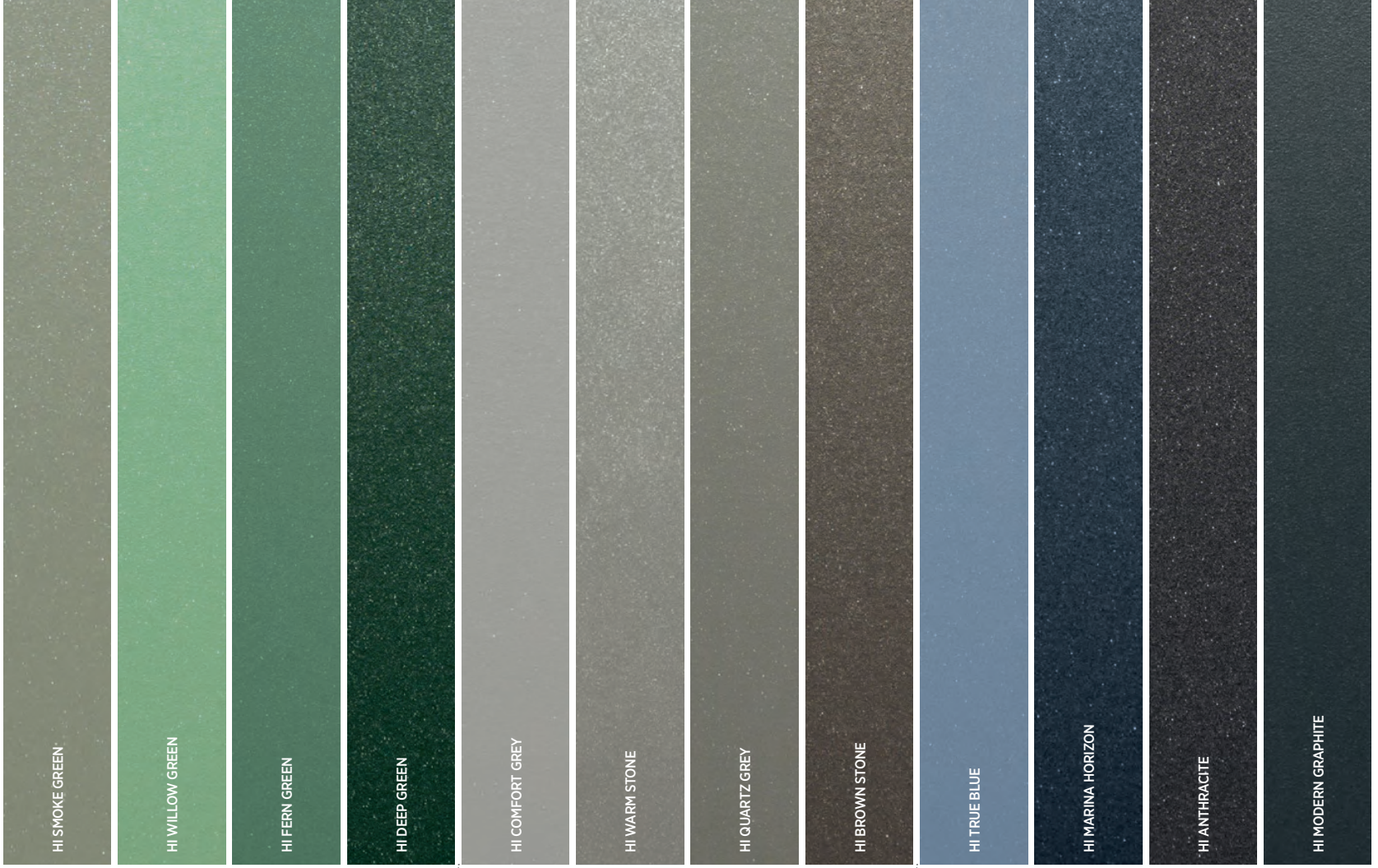
● PRIME ▲ UniTherm ■ UniPro

All sectional garage door panels with Woodgrain and Silkline structure are available in RAL colours.

NO RIBS	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■
HIGH RIBS	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■
LOW RIBS												
V RIBS												
CAISSON RIBS												

● PRIME ▲ UniTherm ■ UniPro


Dark grey silk 4367003
Smoothgrain
Golden Oak 2178001-167
Smoothgrain
Nut Brown 2178007-167
Smoothgrain
Anthracite Quartz Matt F4701014
Smoothgrain
Woodec Turner Oak Toffee F4703004
Smoothgrain
Irish Oak 3211305-1148
Smoothgrain
Modern White
Silkline
Modern White
Woodgrain
Modern Black
Silkline
Modern Black
Woodgrain
Sable Noir 2100
silkline
Sable Noir 2100
woodgrain



HIEARTH | **HI** STONE | **HI** STEEL

NO RIBS	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■
HIGH RIBS	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■
LOW RIBS	■	■	■	■	■	■	■	■	■	■	■	■
V RIBS												
CAISSON RIBS												

● PRIME ▲ UniTherm ■ UniPro

HI RUBY

HOME INCLUSIVE 2.0

THE HOME INCLUSIVE 2.0 COLOUR COLLECTION

Add exceptional character to your property thanks to the unique depth effect of HI 2.0 colours.

HANDLE COLLECTION

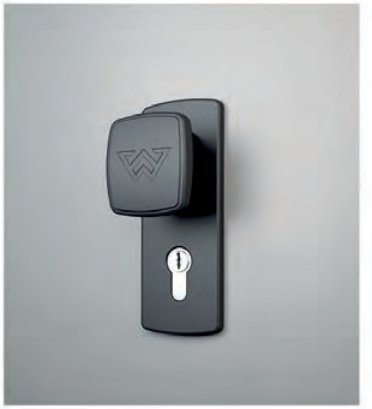
KL-2 handle, colour: RAL 9006

KL-2 handle, colour: RAL 1036

KL-2 handle, colour: RAL 1035

KL-2 handle, colour: RAL 7048

KL-2 handle, colour: RAL 9016



KL-2 handle, colour: RAL 9005

KL-2 handle, colour: RAL 8014

Automatic **garage doors**

Treat yourself to comfort and safety with our automatic garage doors. Our finely designed garage doors are configured with a reliable drive unit for a complete device that makes your life that much easier. Our garage doors come with documents confirming that they meet all the functional and safety requirements. The CE mark is a crucial element for the driven garage door, as it backs the declaration of conformity with the stringent European standards.

Professional care of the automatic garage door and its good operation is ensured by the EXTENDED CARE warranty. It lets you extend the standard warranty for the complete product – automatic sectional garage door:

- up to 5 years when factory configured with the METRO or SPARK drive unit,
- up to 3 years when factory configured with the MOTO drive unit.

EXTENDED CARE warranty
lets you extend the standard warranty up to:

- 5 years for the complete product – automatic sectional garage door factory configured with the **METRO** or **SPARK** drive unit,
- 3 years for the complete product – automatic sectional garage door factory configured with the **MOTO** drive unit.

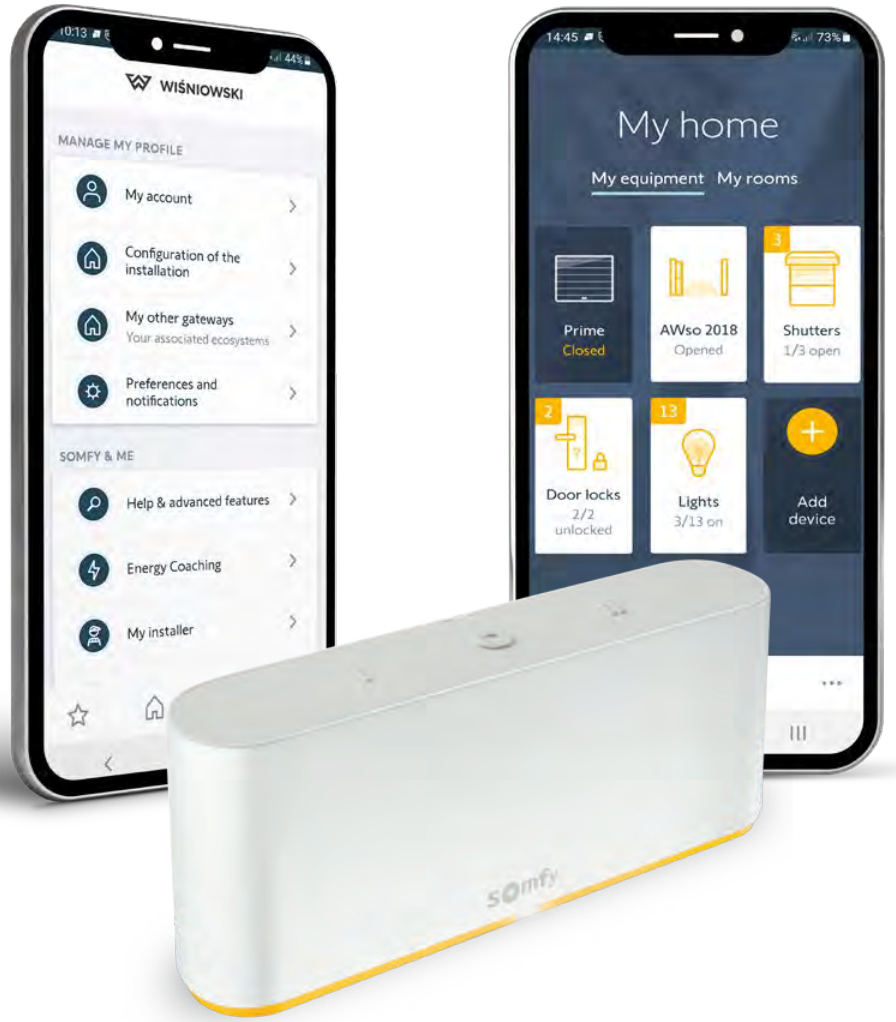
Treat yourself to **comfort and safety**

The smartCONNECTED technology brings WIŚNIOWSKI automatic sectional garage doors to the next level of product development, tailoring them to the requirements of increasingly demanding customers. On the one hand, it makes it possible to control the devices with a smartphone, and on the other, it gives the users full control and lets them stay in touch with their home from any place in the world.
The state-of-the-art safe and reliable io-homecontrol radio technology makes it possible to connect the METRO Smart io and MOTO io drive units to Somfy's TaHoma system to provide additional functions, connecting the garage door with smart devices available at home.

smart
CONNECTED

TREAT YOURSELF TO COMFORT **AND SAFETY**

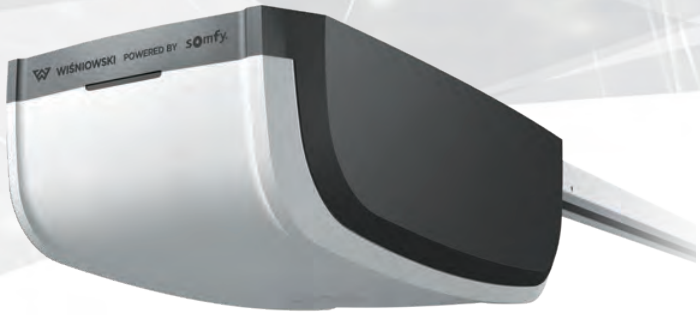
- Control your garage doors, gates, windows, doors, and roller shutters remotely.
- Open garage doors and gates without touching your remote.
- Control your home with the Google Assistant, Amazon Alexa or Apple Home Kit voice assistant.



WIŚNIOWSKI POWERED BY somfy.

The SmartCONNECTED technology brings WIŚNIOWSKI automatic sectional garage doors to the next level of product development, tailoring them to the requirements of increasingly demanding customers. On the one hand, it makes it possible to control the devices with a smartphone, and on the other, it gives the users full control and lets them stay in touch with their home from any place in the world.
io-homecontrol® makes it possible to wirelessly connect the METRO Smart io and MOTO io drive units to the smart home system controlled by Somfy's TaHoma switch central control unit. Building a comprehensive smart home provides a number of benefits and additional features that enhance your comfort every single day.

METRO Smart io



4-channel **PULSAR io**
transmitter

MOTO io

2-channel **PULSAR io**
transmitter

The **METRO Smart io** and **MOTO io** drive units were developed jointly by WIŚNIOWSKI and **Somfy**. Equipped with two-way io-homecontrol radio communication, they enable control with the use of a wall-mounted transmitter, a remote, a smartphone or tablet app or voice commands via a compatible voice assistant*. You can easily program them and enjoy the practical functions, such as the wicket door opening sensor or the top panel tilt for safe garage ventilation. Obstacle detection will stop the door leaf and retract it, minimizing the risk of property damage or injury to users. As standard, the drive track is equipped with a chain and sound damping elements. Optionally, a version with a toothed belt is available, ensuring even quieter drive operation.

The METRO Smart io drive unit has pre-programmed settings and makes it possible to connect and control independent lighting, e.g. LED lighting under the tracks and track connector. A broad selection of state-of-the-art accessories is available for the METRO Smart io and MOTO io drive units in the WIŚNIOWSKI product range.

* – The TaHoma switch smart home central control unit is required for control with an app.

SPARK

DART 4-channel transmitter

The **SPARK** was developed jointly with the **Sommer** company. It combines all the features of a state-of-the-art drive unit for garage doors – from easy programming and configuration to compatibility with wired smart home systems. It offers a number of control and safety solutions and makes it possible to optimally design a functional and practical garage.
The SPARK is equipped with an amperometric obstacle detection function* and is compatible with photocells and an emergency power supply battery. It was fitted with the new two-way 868 MHz WIŚNIOWSKI radio transmission. It has an integrated LED signal light, but is also compatible with an external signal light, as well as many other functional accessories.

* – Amperometric obstacle detection (overload safety device) – when the bottom edge of the door leaf encounters an obstacle, the drive will stop it and immediately change the direction of movement.

	Drive unit type	METRO Smart io	MOTO io	SPARK
Technical data	Power supply / Motor	220-230V, 50/60Hz / 24V DC	220-230V, 50/60Hz / 24V DC	220-240V, 50/60Hz / 24V DC
	Force	800N / 1,000N	600N / 750N	500N / 600N / 800N / 1,100N
	Power consumption (stand-by)	< 0,5 W	< 0,5 W	< 1 W
	Efficiency	30%	30%	40%
	Track	single, steel	single, steel	split, steel
	Transmission	chain or belt	chain or belt	carriage
	Speed	max. 14 cm/s	max. 14 cm/s	max.: 18 / 24 / 21 / 18 cm/s
	Central control unit	integrated	integrated	integrated
	Radio receiver	io-homecontrol; integrated: 868-870 MHz	io-homecontrol; integrated: 868-870 MHz	WIŚNIOWSKI; integrated: 868 MHz
	Radio receiver storage:	30 transmitters	30 transmitters	40 transmitters
	Two-way radio transmission	yes	yes	yes
	Auto selection of operating parameters	yes	yes	yes
	Limit switches	encoder + mechanical bumper	encoder + mechanical bumper	encoder + mechanical limit switch
	Emergency uncoupling	yes	yes	yes
	Application	sectional / up and over	sectional / up and over	sectional / up and over
	Operating conditions	-20°C /+60°C ; IP20	-20°C /+60°C – in a dry room	-25°C /+65°C – in a dry room
	Wicket door opening sensor	yes	yes	yes
	Rotating automatic operating unit head	yes	yes	no
	Warranty	5 years	3 years	5 years
Functionality	Obstacle detection	yes	yes	yes
	Obstacle detection adjustment	4 adjustment levels	4 adjustment levels	4 adjustment levels
	Action following obstacle detection	stop and full opening	stop and full opening	stop and partial opening
	Photocells	yes	yes	yes
	Automatic closing	60 sec. / 120 sec. or after photoc.	yes, only with TaHoma Pro	yes / max. 240 sec.
	Release in end position	yes	yes	yes
	Low energy consumption mode	yes	yes	yes
	Independent exterior lighting	yes / 230V, 500 W	no	no
	Exterior lighting control	yes	no	no
	Auxiliary warning light	yes / 24V, 15 W	yes / 24V, 15W	yes / 24V, 25W
	Delayed drive unit light switch off	yes / fixed – 60 s	yes / fixed – 30 s	yes / fixed – 30 s
	Independent lighting control in the drive unit	yes	yes	yes
	Emergency power supply	yes	yes	yes
	Display / LEDs	no / yes	no / yes	no / yes
	Partial opening of the door – slightly open	yes	yes	yes
	Information about a fault	yes, LEDs	yes, LEDs	yes, LED
	Smart home	yes, io-homecontrol technology	yes, io-homecontrol technology	yes(1)

(1) – optional, for wired Smart Home systems; CONEX and OUTPUT boards required

io homecontrol® is a modern, safe, and reliable radio technology by Somfy, which lets you control your devices compatible with the smart home concept. Thanks to this technology, the drive unit not only receives commands from the controllers, but it can also send feedback. The io-homecontrol technology makes it possible to connect the METRO Smart io and MOTO io drive units to the TaHoma system to provide additional functions, connecting the garage door with smart devices available at home.

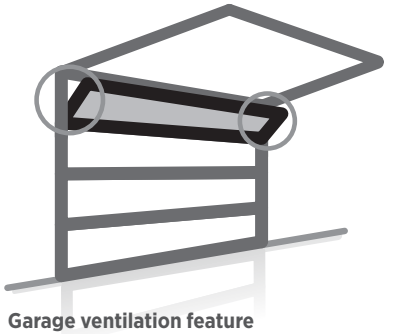
Accessories for garage doors with the **METRO Smart io, MOTO io** automatic operating units

3CH io wall-mounted transmitter
The 3-channel transmitter makes it possible to control drive units and radio receivers.
Examples of use:
- • - full opening/closing the door,
- •• - LED lighting under the tracks and/or track connector,
- ••• - top panel tilt.

Wireless communication makes it possible to install it in any place and doesn't require any cables.

KEYPAD 2 io code keypad
It is a surface-mounted wireless device, its installation does not require any cables. The two-channel code keypad lets you control both your drive units and radio receivers.

Photocells
They prevent uncontrolled door leaf movement when an obstacle is present within the clear passage.



Garage ventilation feature
It is enabled by tilting the top panel without the need to lift the door. The bottom panel remains seated against the floor. Available with the METRO Smart io, MOTO io, and SPARK automatic operating units.

External io radio receiver
Lets you control the drive units using the Pulsar transmitter. It is a two-channel device where you can program as many as 16 transmitters.

Mechanical carriage lock
It is an additional safeguard which increases garage door safety when mounted to the carriage.

Backup power supply battery
Connected to the METRO Smart io and MOTO io drive unit, it provides power for several cycles of emergency operation in case of the main power supply outage.

Signal light
Connected to the drive unit, it has a warning function. Orange blinking light indicates that the door is operating. Compatible with the METRO Smart io, MOTO io, and SPARK drive units.

Accessories for garage doors with the **SPARK** automatic operating unit

2CH wall-mounted transmitter
A 2-channel device which lets you control both your drive units and radio receivers. Communication between the transmitter and the receiver occurs wirelessly, so the device can be mounted in any place.
The wall-mounted transmitter has a feedback function that informs the user about the position of the door using a LED.

WIŚNIOWSKI 868 radio receiver
It makes it possible to control other drive units with the DART and DART Vibe transmitters, and the wall-mounted transmitter. The radio receiver is a two-channel device operating at the frequency of 868 MHz, making it possible to program up to 40 transmitters.

Photocells 180
They prevent uncontrolled door leaf movement when an obstacle is present within the clear passage.

LOCK – motor lock
A magnetic lock which blocks the drive unit in any position of the door. An additional element able to withstand loads up to 300 kg, increasing door safety.

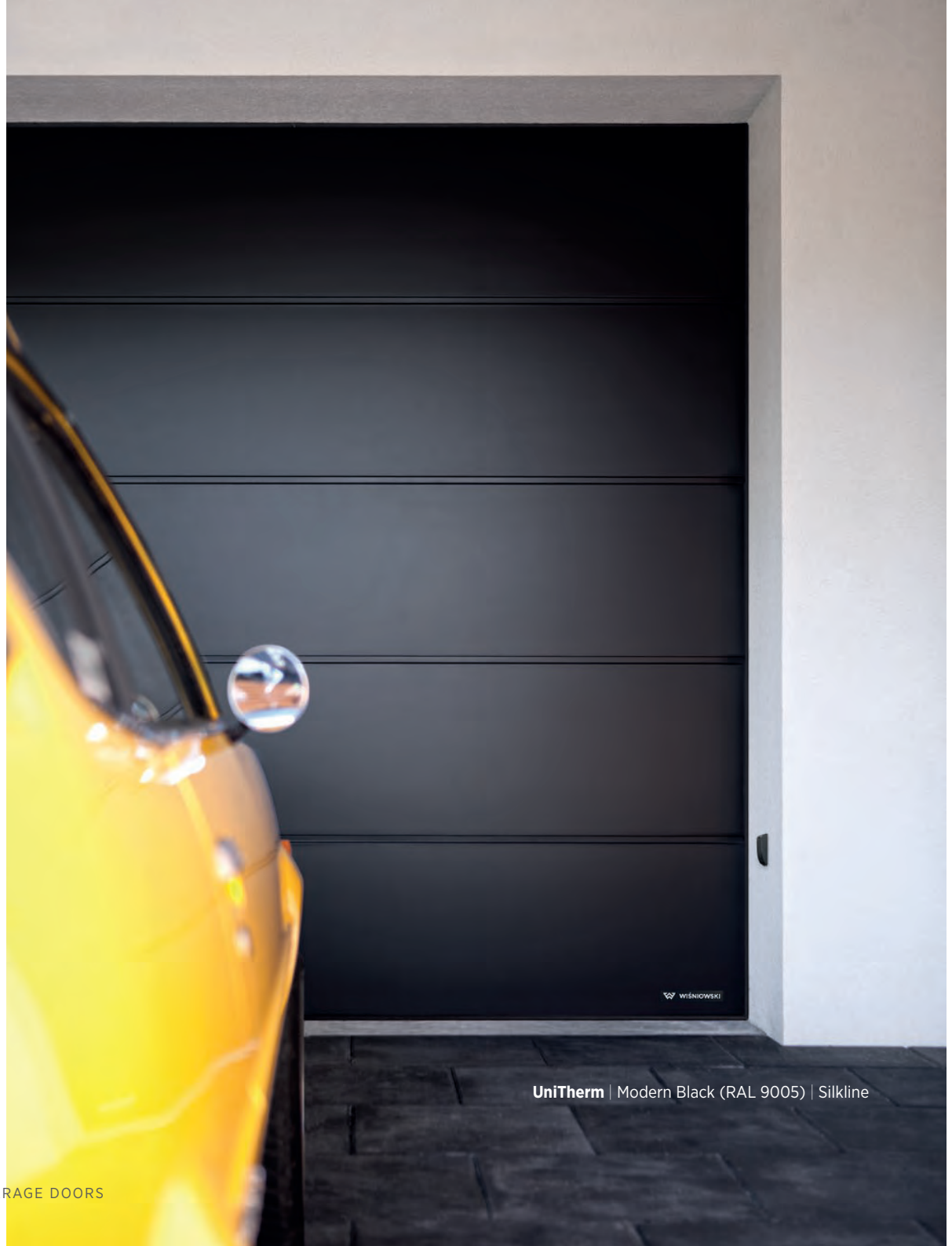
DART Vibe transmitter
It has a feedback function in the form of a short vibration informing the user that the signal was received by the receiver.

ACCU backup power supply battery
Connected to the SPARK drive unit, it provides power for several cycles of emergency operation in case of the main power supply outage.

CONEX – input board
Additional board with signal, impulse inputs, whose inputs were defined for opening and closing. Compatible with wired smart home systems.

OUTPUT – signal board
Additional board with a signal output. Information about the position of the door: door not open (NO)/door not closed (NC). Compatible with wired smart home systems.

INSPIRATION



UniTherm | Modern Black (RAL 9005) | Silkline

UniPro | HI MODERN GRAPHITE
LUX | AW.10.54 | HI MODERN GRAPHITE
CREO | 310 | HI MODERN GRAPHITE

INSPIRATION

UniPro | RAL 7040 | Woodgrain

PRIME | RAL 2011 | Silkline

UniTherm | Modern Black (RAL 9005) | Silkline

PRIME | RAL 9001 | Silkline

UniPro | HI MODERN MAROON

INSPIRATION

UniPro | RAL 7024 | Silkline

UniTherm | HI MODERN GRAPHITE

UniTherm | HI ANTHRACITE

INSPIRATION

UniTherm | Natural Oak | Smoothgrain
CREO | 347 | Natural Oak

UniTherm | HI FLAME RED

INSPIRATION

UniPro | Anthracite | Sandgrain
DECO | 145 | RAL 7037 | matt structure

PRIME | RAL 7035 | Silkline
CREO | 321 | RAL 7035 | matt structure

INSPIRATION

UniPro RenoSystem | RAL 9004 | Silkline

UniTherm | Winchester | Smoothgrain

INSPIRATION

PRIME | HI MODERN GRAPHITE (RAL 7016) | Silkline

Technical information

U thermal transmittance factor [W/m²K] for the **UniPro** sectional doors (40 [mm] panel)

Door width in [m]

Door height in [m]	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
2,100	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
2,125	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
2,200	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
2,250	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,1
2,375	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,1
2,500	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	
2,625	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	
2,750	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2		
2,875	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2		
3,000	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2		
3,250	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2				
3,500	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2					

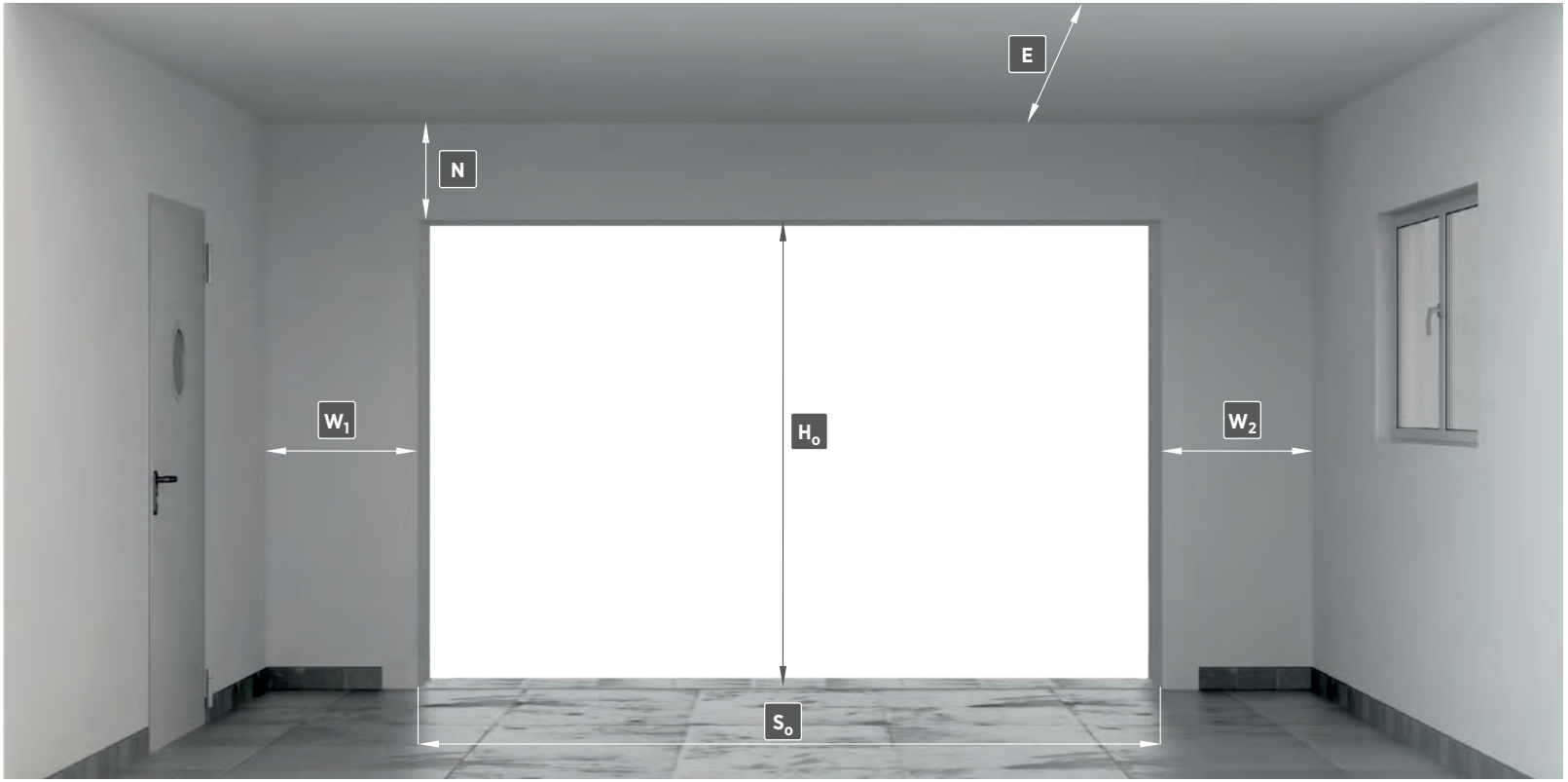
U thermal transmittance factor [W/m²K] for the **UniTherm and PRIME** sectional doors (INNOVO 60 [mm] panel)

Door width in [m]

Door height in [m]	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000	1,1	1,1	1,1	1,1	1,1	1,1	1,0	1,0	1,0	1,0	1,0	1,0	1,0	0,99	0,99	0,98	0,97
2,100	1,1	1,1	1,1	1,1	1,1	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,98	0,97	0,97	0,96	0,95
2,125	1,1	1,1	1,1	1,1	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,98	0,97	0,97	0,96	0,95	0,95
2,200	1,1	1,0	1,0	1,0	1,0	1,0	1,0	0,99	0,99	0,98	0,97	0,96	0,96	0,95	0,95	0,94	0,93
2,250	1,1	1,0	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,97	0,96	0,95	0,95	0,94	0,94	0,93	0,92
2,375	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,97	0,96	0,95	0,94	0,93	0,93	0,92	0,92	0,91	0,90
2,500	1,1	1,1	1,1	1,1	1,1	1,1	1,0	1,0	1,0	1,0	1,0	0,99	0,99	0,98	0,98		
2,625	1,1	1,1	1,1	1,1	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,97	0,97				
2,750	1,1	1,0	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,97	0,96	0,96	0,95				
2,875	1,0	1,0	1,0	1,0	1,0	1,0	0,98	0,97	0,96	0,95	0,95	0,94	0,93				
3,000			1,0	1,0	0,99	0,98	0,97	0,96	0,95	0,94	0,93	0,92					
3,250			1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,97	0,96						
3,500					1,0	0,99	0,97	0,96	0,95								

The factors are provided for doors without glazing, wicket doors, ventilation grilles, aluminium panels, and additional thermal gaskets.

Technical information



S_o – opening width, ordering dimension

H_o – opening height, ordering dimension

N – minimum required lintel height

W_1 – minimum required side clearance

W_2 – minimum required side clearance

E – minimum garage depth with clearance under the ceiling

TYPES OF **TRACKS**

Sp – torsion springs installed in the front by the lintel, garage door with double horizontal tracks,

St – torsion springs installed at the end of horizontal tracks, garage door with double horizontal tracks,

Sj – torsion springs installed in the front by the lintel, garage door with single horizontal tracks (the UniTherm garage door is fitted with auxiliary reinforcing tracks),

SpA – tracks at an angle, torsion springs installed in the front by the lintel,

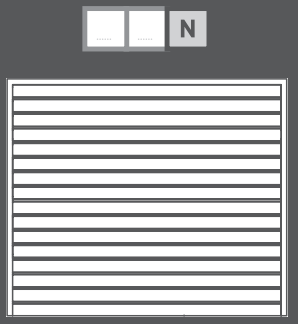
StA – tracks at an angle, torsion springs installed at the end of diagonal tracks,

HL – high tracks, torsion springs installed by the lintel,

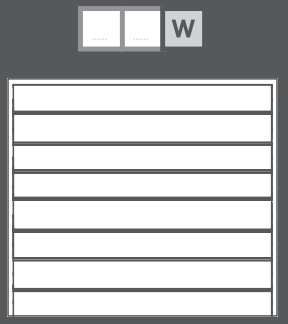
N – tension spring system, garage door with double horizontal tracks,

NP – pull springs mounted along the vertical tracks.

PANEL TYPES **FOR SECTIONAL GARAGE DOORS**

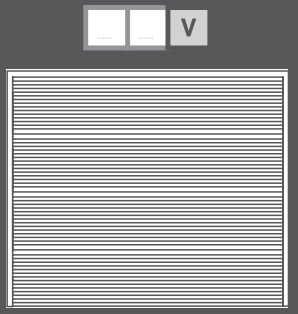


N – low ribs

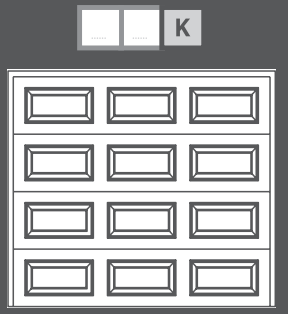


W - high ribs

G - no ribs



V – V ribs



K – caisson ribs

UniPro
Sp tracks

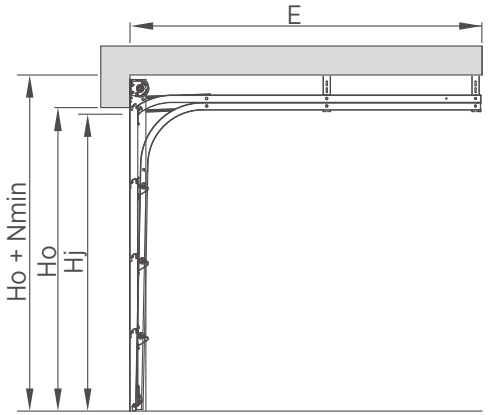
Torsion springs installed in the front by the lintel, garage door with double horizontal tracks

Minimum garage door dimensions:

- S_o = 1,500 [mm] and H_o = 1,800 [mm] – garage doors type ..N
- S_o = 1,500 [mm] and H_o = 1,900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2,230 [mm] and H_o = 1,990 [mm] – garage doors type ..K
- S_o = 2,000 [mm] when H_o > 3,000 [mm]

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to																
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,125	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,200	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,250	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,375	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
2,625	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
2,750	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
2,875	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
3,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
3,250	■	■	■	■	■	■	■	■	■	■	■	■	■				
3,500	■	■	■	■	■	■	■	■	■	■	■	■					

Installation dimensions



..Sp..		SSpN		SSpN, SSpG, SSpW, SSpK		SSpG, SSpW		SSpV
Colour/Structure		RAL 8014, RAL 9006, RAL 9016, other RAL (woodgrain)		Golden Oak, Walnut, RAL 7016, RAL 8014, RAL 9016, RAL 9006 panel type G, W, K (wood-grain) film coating (smoothgrain)		Golden Oak, Walnut (smooth-grain), Anthracite (sandgrain) RAL 7016, RAL 9016, RAL 9005, other RAL (silkline), Home Inclusive 2.0		RAL 9006, RAL 7016, other RAL (silkline)
Dimension		standard	special	standard	special	standard	special	special
Nmin		**=200[mm] for** H_o = 2,000 [mm] H_o = 2,100 [mm] H_o = 2,250 [mm] H_o = 2,500 [mm] **=220[mm] for** H_o = 2,125 [mm] H_o = 2,200 [mm]	**=200 [mm]**	**=200[mm] for** H_o = 2,100 [mm] H_o = 2,250 [mm] **=220[mm] for** H_o = 2,125 [mm] H_o = 2,200 [mm]	**=200 [mm]**	**=200[mm] for** H_o = 2,000 [mm] H_o = 2,100 [mm] H_o = 2,125 [mm] H_o = 2,250 [mm] H_o = 2,375 [mm] H_o = 2,500 [mm] **=220[mm] for** H_o = 2,200 [mm]	**=200 [mm]**	**=200 [mm]**
Sj		S_o - 40 [mm]						
Hj	Manual	H_o - 160 [mm]						
	Manual + catcher	H_o - 80 [mm]						
	With a drive unit	H_o - 50 [mm]						
W1, W2		110 [mm]						
E_{min}	Manual	H_o + 400 [mm]						
	With the MOTO drive	L_S + 300 [mm]						
	With the METRO drive	L_S + 410 [mm]						
	With the SPARK drive	L_S + 363 [mm]						
L_S	With the MOTO drive	2,900 [mm] for $H_o \leq 2,250$; 3,500 [mm] for $H_o > 2,250$ and $H_o \leq 2,850$; 4,500 [mm] for $H_o > 2,850$ [mm]						
	With the METRO drive							
	With the SPARK drive	3,288 [mm] for $H_o \leq 2,250$; 3,831 [mm] for $H_o > 2,250$ and $H_o \leq 2,750$; 4,384 [mm] for $H_o > 2,751$ and $H_o \leq 3,250$; 4,927 [mm] for $H_o > 3,251$ [mm]						

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

UniPro
St tracks

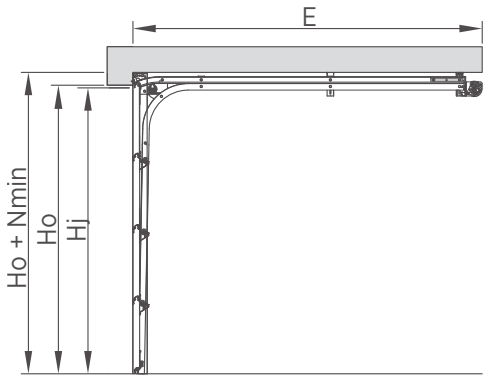
Torsion springs installed at the end of horizontal tracks, garage door with double horizontal tracks

Minimum garage door dimensions:

- S_o = 1,500 [mm] and H_o = 1,800 [mm] – garage doors type ..N
- S_o = 1,500 [mm] and H_o = 1,900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2,230 [mm] and H_o = 1,990 [mm] – garage doors type ..K

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to															
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500
2,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,125	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,200	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,250	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,375	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
2,625	■	■	■	■	■	■	■	■	■	■	■					
2,750	■	■	■	■	■	■	■	■	■	■	■					
2,875	■	■	■	■	■	■	■	■	■	■						
3,000	■	■	■	■	■	■	■	■	■							

Installation dimensions



..St..		SStN, SStG, SStW, SStK		SStV
Colour/Structure		all available colour and structure combinations		RAL 9006, RAL 7016, other RAL (silkline)
Dimension		standard	special	special
N_{min}	Manual	100 [mm]		
	With the MOTO drive	140 [mm]		
	With the METRO drive			
	With the SPARK drive	150 [mm]		
Sj		S_o - 40 [mm]		
Hj	Manual	H_o - 160 [mm]		
	Manual + catcher	H_o - 90 [mm]		
	With a drive unit	H_o - 90 [mm]		
W1, W2		110 [mm]		
E_{min}	Manual	H_o + 750 [mm]		
	With the MOTO drive	L_S + 300 [mm]		
	With the METRO drive	L_S + 410 [mm]		
	With the SPARK drive	L_S + 363 [mm]		
L_S	With the MOTO drive	2,900 [mm] for $H_o \le 2{,}250$; 3,500 [mm] for $H_o > 2{,}250$ and $H_o \le 2{,}850$; 4,500 [mm] for $H_o > 2{,}850$ [mm]		
	With the METRO drive			
	With the SPARK drive	3,288 [mm] for $H_o \le 2{,}250$; 3,831 [mm] for $H_o > 2{,}250$ and $H_o \le 2{,}750$; 4,384 [mm] for $H_o > 2{,}751$ [mm]		

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

UniPro

Sj tracks

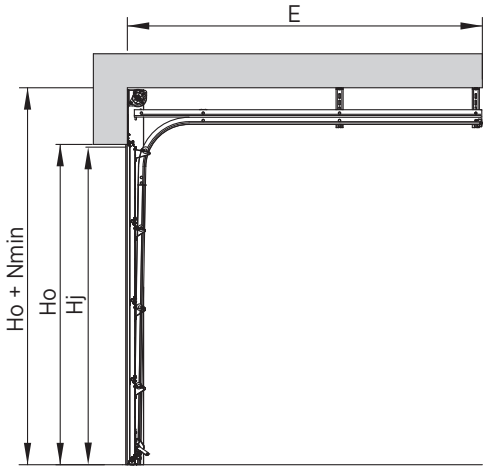
Torsion springs installed in the front by the lintel, garage door with double horizontal tracks (active and passive reinforcing track)

Minimum garage door dimensions:

- S_o = 1,500 [mm] and H_o = 1,800 [mm] – garage doors type ..N
- S_o = 1,500 [mm] and H_o = 1,900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2,230 [mm] and H_o = 1,990 [mm] – garage doors type ..K
- S_o = 2,000 [mm] when H_o > 3,000 [mm]

Opening height(1) (Ho) in [mm] up to	**Opening width**(1) (So) in [mm] up to																
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,125	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,200	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,250	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,375	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
2,625	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
2,750	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
2,875	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
3,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
3,250	■	■	■	■	■	■	■	■	■	■	■	■	■				
3,500	■	■	■	■	■	■	■	■	■	■	■	■					

Installation dimensions



..Sj..		SSjN		SSjN, SSjG, SSjW, SSjK		SSjG, SSjW	
Colour/Structure		RAL 8014, RAL 9006, RAL 9016, other RAL (Woodgrain)		Golden Oak, Walnut, RAL 7016, RAL 8014, RAL 9016, RAL 9006, panel G, W, K (woodgrain), film coating (smoothgrain)		Golden Oak, Walnut (smoothgrain), Anthracite (sandgrain) RAL 7016, RAL 9016, RAL 9005, other RAL (silkline), Home Inclusive 2.0	
Dimension		standard	special	standard	special	standard	special
N_{min}		**=400[mm] for** H_o = 2,000 [mm] H_o = 2,100 [mm] H_o = 2,250 [mm] H_o = 2,500 [mm] **=420[mm] for** H_o = 2,125 [mm] H_o = 2,200 [mm]	**=400 [mm]**	**=400[mm] for** H_o = 2,100 [mm] H_o = 2,250 [mm] **=420[mm] for** H_o = 2,125 [mm] H_o = 2,200 [mm]	**=400 [mm]**	**=400[mm] for** H_o = 2,000 [mm] H_o = 2,100 [mm] H_o = 2,125 [mm] H_o = 2,250 [mm] H_o = 2,375 [mm] H_o = 2,500 [mm] **=420[mm] for** H_o = 2,200 [mm]	**=400 [mm]**
Sj		S_o - 40 [mm]					
Hj	Manual	$H_j = H_o - 20$ [mm]					
	Manual + catcher						
	With a drive unit						
W1, W2		110 [mm]					
E_{min}	Manual	H_o + 400 [mm]					
	With the MOTO drive	L_S + 300 [mm]					
	With the METRO drive	L_S + 410 [mm]					
	With the SPARK drive	L_S + 363 [mm]					
L_S	With the MOTO drive	2,900 [mm] for $H_o \le 2,250$; 3,500 [mm] for $H_o > 2,250$ and $H_o \le 2,850$; 4,500 [mm] for $H_o > 2,850$					
	With the METRO drive						
	With the SPARK drive	3,288 [mm] for $H_o \le 2,250$; 3,831 [mm] for $H_o > 2,250$ and $H_o \le 2,750$; 4,384 [mm] for $H_o > 2,751$ and $H_o \le 3,250$; 4,927 [mm] for $H_o > 3,251$ [mm]					

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. (1) – Ordering dimension.

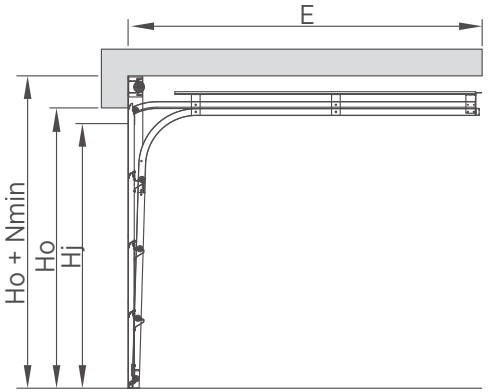
UniPro
N tracks

Extension springs, garage door with double horizontal tracks

Minimum garage door dimensions:
- S_o = 1,500 [mm] and H_o = 1,800 [mm] – garage doors type _ _ N
- S_o = 1,500 [mm] and H_o = 1,900 [mm] – garage doors type _ _ G, _ _ W, _ _ V
- S_o = 2,230 [mm] and H_o = 1,990 [mm] – garage doors type _ _ K

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															
2,750															
2,875															
3,000															

Installation dimensions



_ _ N _ _		SNN		SNN, SNG, SNW, SNK		SNG, SNW	
Colour/Structure		RAL 8014, RAL 9006, RAL 9016, other RAL (Woodgrain)		Golden Oak, Walnut RAL 7016, RAL 8014, RAL 9016 panel G, W, K (woodgrain)		Golden Oak, Walnut (Smoothgrain), Anthracite (sandgrain), RAL 7016, RAL 9016, other RAL (silkline), Home Inclusive 2.0, film coating (smoothgrain)	
Dimension		standard	special	standard	special	standard	special
N_{min}		**=220[mm] for** H_o = 2,000 [mm] H_o = 2,100 [mm] H_o = 2,250 [mm] H_o = 2,500 [mm] **=240[mm] for** H_o = 2,125 [mm] H_o = 2,200 [mm]	**=220 [mm]**	**=200[mm] for** H_o = 2,100 [mm] H_o = 2,250 [mm] **=240[mm] for** H_o = 2,125 [mm] H_o = 2,200 [mm]	**=220 [mm]**	**=220[mm] for** H_o = 2,000 [mm] H_o = 2,100 [mm] H_o = 2,125 [mm] H_o = 2,250 [mm] H_o = 2,375 [mm] H_o = 2,500 [mm] **=240[mm] for** H_o = 2,200 [mm]	**=220 [mm]**
Sj		So - 40 [mm]					
Hj	Manual	H_o - 130 [mm]					
	Manual + catcher	H_o - 80 [mm]					
	With a drive unit						
W1, W2		110 [mm]					
E_{min}	Manual	H_o + 800 [mm]					
	With the MOTO drive	L_S + 300 [mm]					
	With the METRO drive	L_S + 410 [mm]					
	With the SPARK drive	L_S + 363 [mm]					
L_S	With the MOTO drive	2,900 [mm] for $H_o \leq$ 2,250; 3,500 [mm] for $H_o >$ 2,250 and $H_o \leq$ 2,850; 4,500 [mm] for $H_o >$ 2,850 [mm]					
	With the METRO drive						
	With the SPARK drive	3,288 [mm] for $H_o \leq$ 2,250; 3,831 [mm] for $H_o >$ 2,250 and $H_o \leq$ 2,750; 4,384 [mm] for $H_o >$ 2,751 [mm]					

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

UniPro

StA tracks

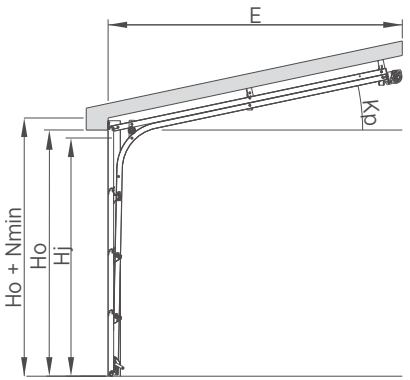
Tracks at an angle, torsion springs installed at the end of diagonal tracks

Minimum garage door dimensions:

- S_o = 1,500 [mm] and H_o = 1,800 [mm] – garage doors type ..N
- S_o = 1,500 [mm] and H_o = 1,900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2,230 [mm] and H_o = 1,990 [mm] – garage doors type ..K

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to															
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500
2,000																
2,100																
2,125																
2,200																
2,250																
2,375																
2,500																
2,625																

Installation dimensions



..StA..	N_{min}			H_j			S_j	W_1,W_2
Kp	manual	with the MOTO, METRO drive	with the SPARK drive	manual	manual + catcher	automatic		
degrees [°]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
2	140	170	190	Ho - 100	Ho - 80	Ho - 70	So - 40	110
3	135	165	185	Ho - 110	Ho - 90	Ho - 70		
4	130	160	180	Ho - 120	Ho - 90	Ho - 70		
5	120	150	170	Ho - 130	Ho - 90	Ho - 70		
6	110	140	160	Ho - 140	Ho - 90	Ho - 70		
7	110	140	155	Ho - 140	Ho - 90	Ho - 70		
8	100	130	145	Ho - 140	–	Ho - 70		
9	100	120	135	Ho - 140	–	Ho - 70		
10	100	110	125	Ho - 140	–	Ho - 70		
11	100	100	115	Ho - 140	–	Ho - 60		
12	100	100	110	Ho - 140	–	Ho - 60		
13	100	100	110	Ho - 140	–	Ho - 60		
14 to 20	100	100	100	Ho - 140	–	Ho - 60		

Minimum garage depth

E_{min}
Automatic: Emin=cos(K_p) x Emin'
Manual: Emin=cos(K_p) x (H_o+800)
H_o – opening height
Emin' – value from the table, depending on the automatic operating unit and H_o
Kp – inclination angle of the ceiling in relation to the floor

Drive unit	E_{min}'	Height H_o
MOTO	3,200	0 - 2,250
	3,800	2,251 - 2,625
METRO	3,310	0 - 2,250
	3,910	2,251 - 2,625
SPARK	3,650	0 - 2,250
	4,190	2,251 - 2,625

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

UniPro

SpA tracks

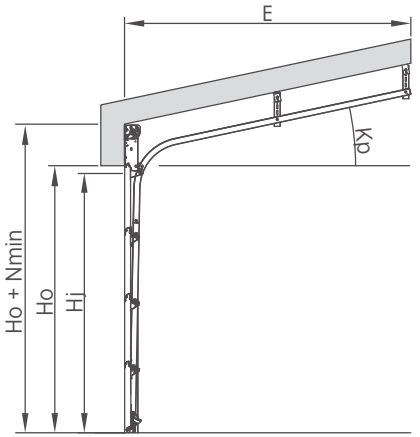
Tracks at an angle, torsion springs installed in the front by the lintel

Minimum garage door dimensions:

- S_o = 1,500 [mm] and H_o = 1,800 [mm] – garage doors type ..N
- S_o = 1,500 [mm] and H_o = 1,900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2,230 [mm] and H_o = 1,990 [mm] – garage doors type ..K

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															

Installation dimensions



..SpA..	**Nmin**			**Hj**		**Sj**	**W1,W2**
Kp	manual	with the MOTO, METRO drive	with the SPARK drive	manual	automatic		
degrees [°]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
2 to 3	360	390	390	H_o - 50	H_o - 20	S_o - 40	110
4	350	380	380	H_o - 50	H_o - 20		
5 to 6	350	370	370	H_o - 50	H_o - 20		
7	350	360	360	H_o - 50	H_o - 20		
8 to 20	350	350	350	H_o - 50	H_o - 20		

Minimum garage depth

Emin
Automatic: Emin=cos(K_p) x Emin'
Manual: Emin=cos(K_p) x (H_o+450)
H_o – opening height
Emin' – value from the table, depending on the automatic operating unit and H_o
Kp – inclination angle of the ceiling in relation to the floor

Drive unit	**Emin'**	**Height H_o**
MOTO	3,200	0 - 2,250
	3,800	2,251 - 2,625
METRO	3,310	0 - 2,250
	3,910	2,251 - 2,625
SPARK	3,650	0 - 2,250
	4,190	2,251 - 2,625

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

UniPro
HL tracks

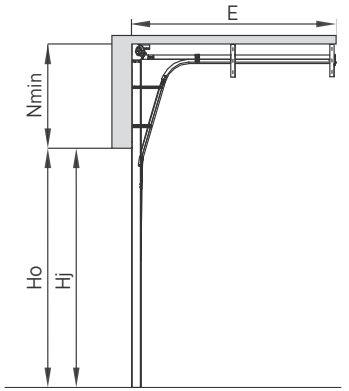
High tracks, torsion springs installed by the lintel

Minimum garage door dimensions:

- S_o = 1,500 [mm] and H_o = 1,955 [mm] – garage doors type ..G, ..W, ..V, ..N
- S_o = 2,230 [mm] and H_o = 2,040 [mm] – garage doors type ..K

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to															
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500
2,000																
2,100																
2,125																
2,200																
2,250																
2,375																
2,500																
2,625																
2,750																
2,875																
3,000																

Installation dimensions



..HL..		SHLN, SHLG, SHLW, SHLK	
Colour/Structure		all available colour and structure combinations	
Dimension		standard	special
N_{min}	Manual	400 < N ≤ 1,300	
	With a drive unit		
Sj		S_o - 40 [mm]	
Hj	Manual	H_o – 20 [mm]	
	With a drive unit		
W1, W2		110 [mm]	
E_{min}	Manual	H_o - 0.8 x N+645 [mm]	
	With the MOTO drive	3,200 [mm] for $H_o \leq 2{,}080$; 3,800 [mm] for $2{,}080 < H_o \leq 2{,}680$; 4,800 [mm] for $H_o > 2{,}680$	
	With the METRO drive	3,310 [mm] for $H_o \leq 2{,}080$; 3,910 [mm] for $2{,}080 < H_o \leq 2{,}680$; 4,910 [mm] for $H_o > 2{,}680$	

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

UniPro
SNP tracks

Extension springs mounted along the vertical tracks

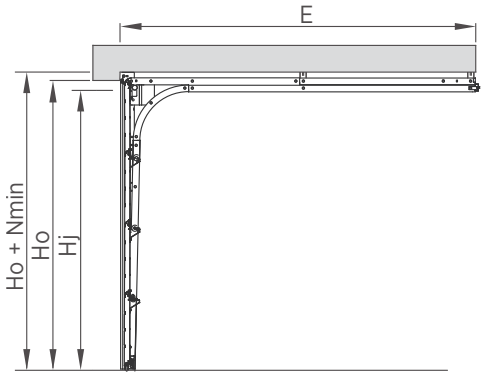
Minimum garage door dimensions:

- S_o = 1,500 [mm] and H_o = 1,800 [mm] – garage doors type ..N
- S_o = 1,500 [mm] and H_o = 1,900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2,230 [mm] and H_o = 1,990 [mm] – garage doors type ..K
- $S_o \leq 1{,}750$ [mm] and $H_{o\ max}$ = 2,500 [mm], 1,750 [mm] < S_o < 2,000 [mm] $H_{o\ max}$ = 2,750 [mm]

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															
2,750															
2,875															
3,000															

– not applicable to doors with the Sandgrain and RAL 9005 Silkline finish.

Installation dimensions



..SN..		SNPN, SNPG, SNPW, SNPK		SNPV
Colour/Structure		all available colour and structure combinations		RAL 9006, RAL 7016, other RAL (silkline)
Dimension		standard	special	special
Nmin	Manual	90 [mm]		
	With the MOTO drive	100 [mm]		
	With the METRO drive			
	With the SPARK drive	120 [mm]		
Sj		S_O - 40 [mm]		
Hj	Manual + catcher (standard)	H_O - 60 [mm]		
	With a drive unit	H_O - 60 [mm]		
W1, W2		100 [mm]		
Emin	Manual	H_O + 600 [mm]		
	With the MOTO drive	L_S + 300 [mm]		
	With the METRO drive	L_S + 410 [mm]		
	With the SPARK drive	L_S + 363 [mm]		
Ls	With the MOTO drive	2,900 [mm] for $H_O \leq 2{,}250$; 3,500 [mm] for $H_O > 2{,}250$ and $H_O \leq 2{,}850$; 4,500 [mm] for $H_O > 2{,}850$		
	With the METRO drive			
	With the SPARK drive	3,288 [mm] for $H_O \leq 2{,}250$; 3,831 [mm] for $H_O > 2{,}250$ and $H_O \leq 2{,}750$; 4,384 [mm] for $H_O > 2{,}751$ [mm]		

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

UniPro RenoSystem

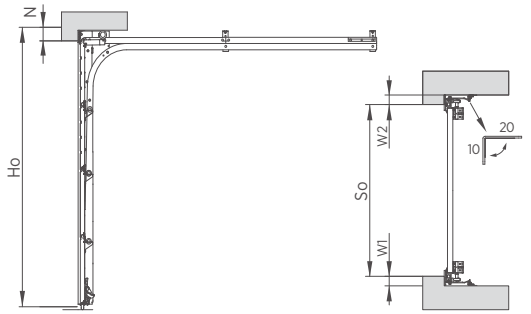
St tracks

Available range of dimensions for tracks

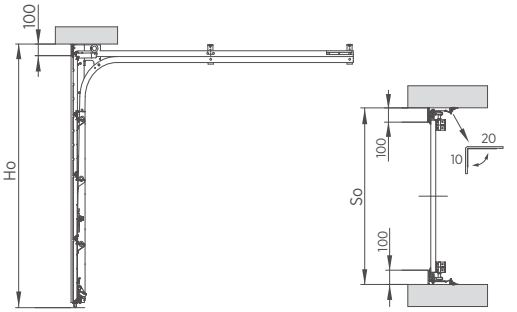
Minimum garage door dimensions:
- S_o = 1,500 [mm] and H_o = 1,900 [mm].

Opening height (H_O) in [mm] up to	**Opening width** (S_O) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															
2,750															
2,875															

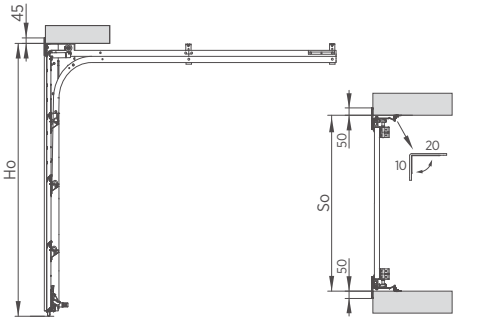
Installation behind the opening – fascia panel behind the opening



Installation in the opening – fascia panel in the opening



Installation in the opening – fascia panel in front of the opening



Installation dimensions

St		Installation behind the opening	Installation in the opening
Sj		So – 240 [mm] + W_1 + W_2	So – 240 [mm]
Hj	manual	H_O – 210 [mm] + N	H_O – 210 [mm]
	manual + catcher	H_O – 160 [mm] + N (1)	H_O – 160 [mm] (1)
	with the MOTO, METRO drive	H_O – 160 [mm] + N (1)	H_O – 160 [mm] (1)
N_{min}		0 [mm]	0 [mm]
W_{1min}, W_{2min}		0 [mm]	0 [mm]
S		So - 200 [mm] + W_1 + W_2	
H		Ho - 100 [mm] + N	
If: N>100 [mm] assume 100 [mm]; W1>100 [mm] assume W1 = 100 [mm]; W2>100 [mm] assume W2 = 100 [mm]			

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. (1) – When a lock is fitted in the garage door with a safety brake Hj = Ho-190 [mm] + N

UniPro RenoSystem

SNP tracks

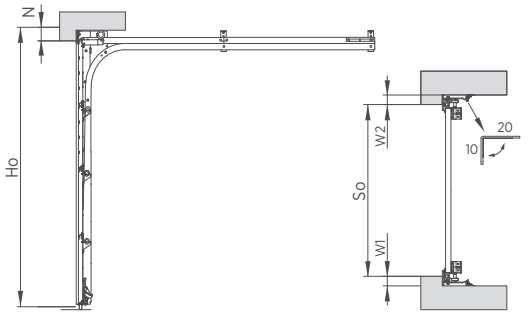
Available range of dimensions for tracks

Minimum garage door dimensions:
- S_o = 1,500 [mm] and H_o = 1,900 [mm].

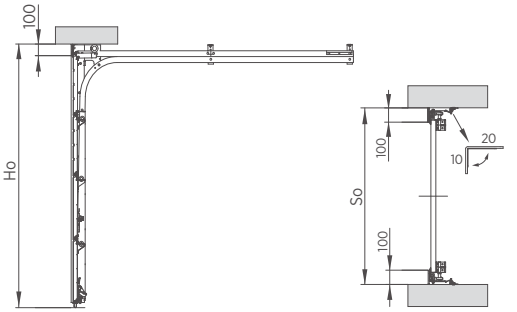
Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															
2,750															
2,875															

– not applicable to doors with the Sandgrain and RAL 9005 Silkline finish.

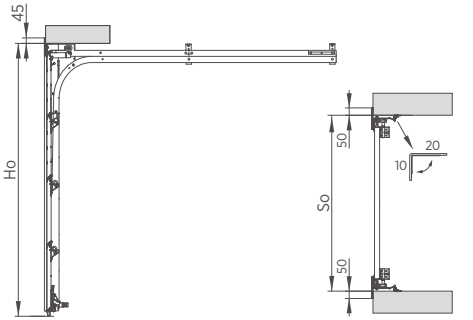
Installation behind the opening – fascia panel behind the opening



Installation in the opening – fascia panel in the opening



Installation in the opening – fascia panel in front of the opening



Installation dimensions

So – opening width, ordering dimension.
Sj – clear passage width after garage door installation.
Ho – opening height, ordering dimension.
Hj – clear passage height after garage door installation.
N – minimum required lintel height.
W_1 – minimum required side clearance.
W_2 – minimum required side clearance.
E – minimum garage depth with clearance under the ceiling.

SN		Installation behind the opening	Installation in the opening
Sj		So – 240 [mm] + W_1 + W_2	So – 240 [mm]
Hj	manual	H_o – 320 [mm] + N	H_o – 320 [mm]
	manual + catcher	H_o – 240 [mm] + N	H_o – 240 [mm]
	with the MOTO, METRO drive	H_o – 220 [mm] + N	H_o – 220 [mm]
N_{min}		0 [mm]	0 [mm]
W_{1min}, W_{2min}		0 [mm]	0 [mm]
S		So - 200 [mm] + W_1 + W_2	
H		Ho - 100 [mm] + N	
If: N>100 [mm] assume 100 [mm]; W1>100 [mm] assume W1 = 100 [mm]; W2>100 [mm] assume W2 = 100 [mm]			

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling.

UniPro Nano80

Nano80 tracks

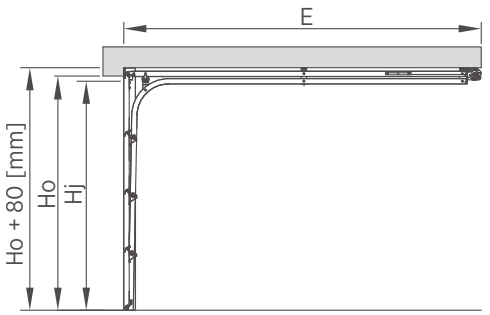
Nano80 – low tracks, torsion springs installed at the end of horizontal tracks

Minimum garage door dimensions:

- S_o = 1,500 [mm] and H_o = 1,955 [mm] – garage doors type __ __ G , __ __ W , __ __ V , __ __ N
- S_o = 2,230 [mm] and H_o = 2,040 [mm] – garage doors type __ __ K

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to															
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500
2,000																
2,100																
2,125																
2,200																
2,250																
2,375																
2,500																
2,625																
2,750																
2,875																
3,000																

Installation dimensions



Nano80		**SStN, SStG, SStW, SStK**	
Colour/Structure		all available colour and structure combinations	
Dimension		standard	special
N_{min}	With a drive unit	80 [mm]	
Sj		S_O - 40 [mm]	
Hj	With the MOTO drive	H_O - 80 [mm]	
	With the METRO drive	H_O - 80 [mm]	
W1, W2		110 [mm]	
E_{min}	With the MOTO drive	L_S + 600 [mm]	
	With the METRO drive	L_S + 600 [mm]	
L_S		2,900 [mm] for $H_O \leq 2{,}250$; 3,500 [mm] for $H_O > 2{,}250$ and $H_O \leq 2{,}850$; 4,500 [mm] for $H_O > 2{,}850$	

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

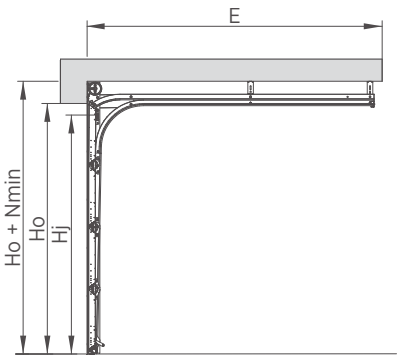
UniTherm
Sp tracks

Torsion springs installed in the front by the lintel, garage door with double horizontal tracks

Minimum garage door dimensions: So = 2,000 [mm] and Ho = 1,800 [mm]

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to																
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000																	
2,100																	
2,125																	
2,200																	
2,250																	
2,375																	
2,500																	
2,625																	
2,750																	
2,875																	
3,000																	
3,250																	
3,500																	

Installation dimensions



UniTherm		**SSp**
Sj		S_O - 40 [mm]
Hj	Manual	H_O - 280 [mm]
	Manual + catcher	H_O - 140 [mm]
	With a drive unit	H_O - 100 [mm]
W_{1min}, W_{2min}		110 [mm]
E_{min}	Manual	H_O + 400 [mm]
	With the MOTO drive	L_S + 300 [mm]
	With the METRO drive	L_S + 410 [mm]
	With the SPARK drive	L_S + 363 [mm]
L_S	With the MOTO drive	2,900 [mm] for $H_O \leq 2{,}250$; 3,500 [mm] for $H_O > 2{,}250$ and $H_O \leq 2{,}850$; 4,500 [mm] for $H_O > 2{,}850$ [mm]
	With the METRO drive	
	With the SPARK drive	3,288 [mm] for Ho ≤ 2,250; 3,831 [mm] for Ho > 2,250 and Ho ≤ 2,750; 4,384 [mm] for Ho > 2,751 and Ho ≤ 3,250; 4,927 [mm] for Ho > 3,251 [mm]

Minimum lintel height

Standard garage door height [mm]	**N_{min}** [mm]	
	Manual	With the MOTO, METRO, SPARK drive unit
2,000	200	200
2,100	200	200
2,125	200	200
2,200	220	220
2,250	200	200
2,375	200	200
2,500	200	200
Custom garage door height	200	200

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

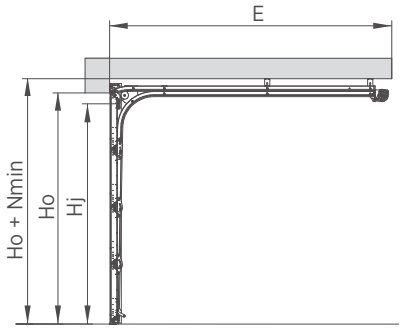
UniTherm
St tracks

Torsion springs installed at the end of horizontal tracks, garage door with double horizontal tracks

Minimum garage door dimensions: So = 2,000 [mm] and Ho = 1,800 [mm]

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to															
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500
2,000																
2,100																
2,125																
2,200																
2,250																
2,375																
2,500																
2,625																
2,750																
2,875																
3,000																

Installation dimensions



UniTherm		**SSt**
Sj		S_O - 40 [mm]
Hj	Manual	H_O - 190 [mm]
	Manual + catcher	H_O - 140 [mm]
	With a drive unit	H_O - 140 [mm]
W1min, W2min		110 [mm]
Emin	Manual	H_O + 750 [mm]
	With the MOTO drive	L_S + 300 [mm]
	With the METRO drive	L_S + 410 [mm]
	With the SPARK drive	L_S + 363 [mm]
Ls	With the MOTO drive	2,900 [mm] for $H_O \leq 2{,}250$; 3,500 [mm] for $H_O > 2{,}250$ and $H_O \leq 2{,}850$; 4,500 [mm] for $H_O > 2{,}850$ [mm]
	With the METRO drive	
	With the SPARK drive	3,288 [mm] for Ho ≤ 2,250; 3,831 [mm] for Ho > 2,250 and Ho ≤ 2,750; 4,384 [mm] for Ho > 2,751 [mm]

Minimum lintel height

Standard garage door height [mm]	**Nmin** [mm]			
	Manual	With the MOTO drive	With the METRO drive	With the SPARK drive
2,000	105	140	140	150
2,100	105	140	140	150
2,125	105	140	140	150
2,200	115	150	150	160
2,250	105	140	140	150
2,375	105	140	140	150
2,500	105	140	140	150
Custom garage door height	105	140	140	150

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

UniTherm
Sj tracks

Torsion springs installed in the front by the lintel, garage door with double horizontal tracks (active and passive reinforcing track)

Minimum garage door dimensions: So = 2,000 [mm] and Ho = 1,800 [mm]

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to															
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500
2,000																
2,100																
2,125																
2,200																
2,250																
2,375																
2,500																
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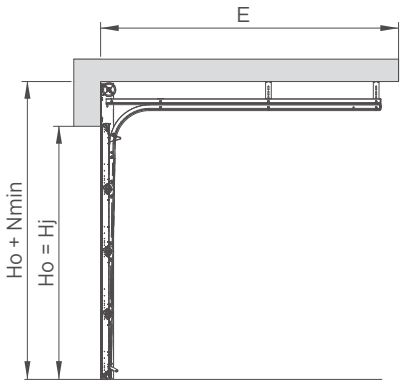
2,750																
2,875																
3,000																
3,250																
3,500																

Installation dimensions



UniTherm		**SSj**
Sj		S_O - 40 [mm]
Hj	Manual	—
	Manual + catcher	H_O
	With a drive unit	H_O
W_{1min}, W_{2min}		110 [mm]
E_{min}	Manual	H_O + 400 [mm]
	With the MOTO drive	L_S + 300 [mm]
	With the METRO drive	L_S + 410 [mm]
	With the SPARK drive	L_S + 363 [mm]
L_S	With the MOTO drive	2,900 [mm] for $H_O \leq 2{,}250$; 3,500 [mm] for $H_O > 2{,}250$ and $H_O \leq 2{,}850$; 4,500 [mm] for $H_O > 2{,}850$ [mm]
	With the METRO drive	
	With the SPARK drive	3,288 [mm] for Ho ≤ 2,250; 3,831 [mm] for Ho > 2,250 and Ho ≤ 2,750; 4,384 [mm] for Ho > 2,751 and Ho ≤ 3,250; 4,927 [mm] for Ho > 3,251 [mm]

Minimum lintel height

Standard garage door height [mm]	N_{min} [mm]	
	Manual	With the MOTO, METRO, SPARK drive unit
2,000	400	400
2,100	400	400
2,125	400	400
2,200	410	410
2,250	400	400
2,375	400	400
2,500	400	400
Custom garage door height	400	400

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. [1] – Ordering dimension.

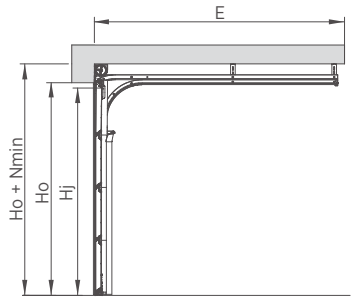
PRIME
Sp tracks

Torsion springs installed in the front by the lintel, garage door with double horizontal tracks

Minimum garage door dimensions: So = 2,000 [mm] and Ho = 1,900 [mm]

Opening height[1] (Ho) in [mm] up to	**Opening width**[1] (So) in [mm] up to																
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000																	
2,100																	
2,125																	
2,200																	
2,250																	
2,375																	
2,500																	
2,625																	
2,750																	
2,875																	
3,000																	

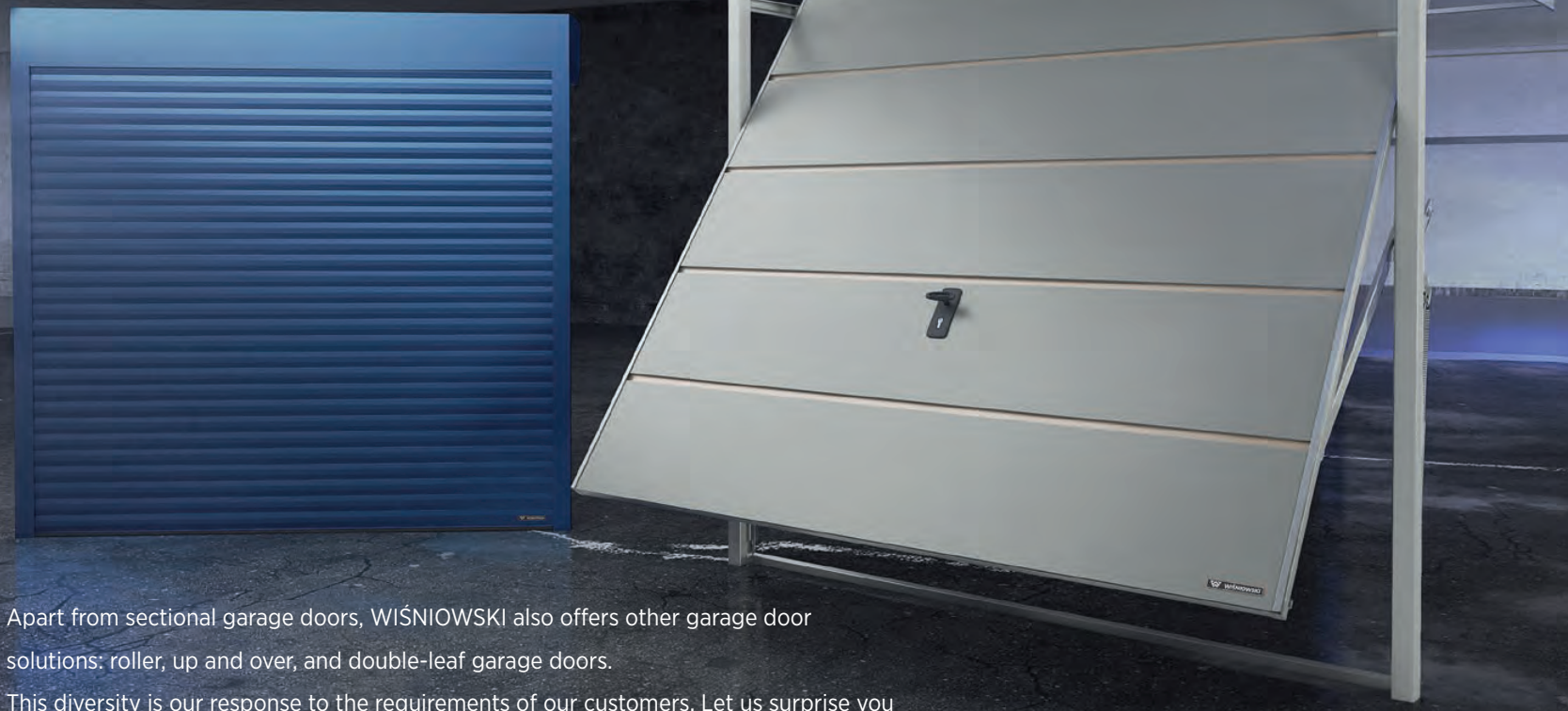
Installation dimensions



		PRIME
Sj		S_O - 40 [mm]
Hj		H_O - 100 [mm]
N_{min}		200 [mm][2]
W_{1min}, W_{2min}		160 [mm]
E_{min}	METRO	L_S + 410 [mm]
L_S	METRO	2,900 [mm] or 3,500 [mm]

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. .
[1] – Ordering dimension. [2] – For garage door height 2,200 [mm] Nmin is 220 [mm].

Let us inspire you
in your search for new solutions!



Apart from sectional garage doors, WIŚNIOWSKI also offers other garage door solutions: roller, up and over, and double-leaf garage doors.
This diversity is our response to the requirements of our customers. Let us surprise you with the multitude of options.
WIŚNIOWSKI. Gates, windows, doors, fences.

Roller doors.
A perfect combination of form and function.

Comfort and convenience become standard in roller doors. All roller doors feature a drive unit. The door curtain is wound on the winding shaft concealed in the box, which helps save space under the ceiling.

CE

SAFETY

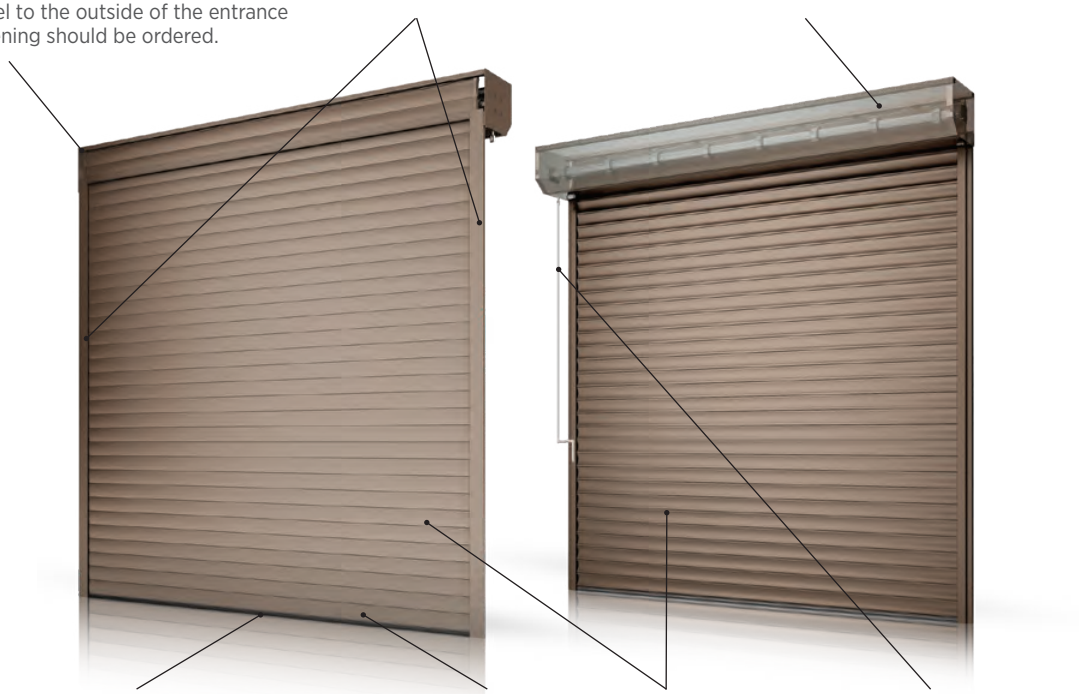
Reliable and safe **roller doors**

- Two profile heights to choose from: 77 and 100 mm.
- Bottom cellular gasket, brush seals in the tracks, as well as a gasket screwed to the lintel provide good thermal insulation.
- Distance brackets ensure proper clearance between the profiles when the door curtain is wound to allow quiet operation of the door and to extend the life of the panels.

Crank output through a wall
– if no other entrance is available to the room where the roller door is installed, an option which allows the crank to be output through the lintel to the outside of the entrance opening should be ordered.

Aluminium tracks
(without a thermal break) are fixed inside the room along the side edges of the opening. They are fitted with brush gaskets and slides.

Curtain lock
in the BR-77s and BR-77E doors prevents the curtain from being lifted from the outside.



Safety of use is ensured by the **safety edge**. If a curtain collides with an obstacle, it retracts to an open position.

The door curtain is fitted with a **reinforced aluminium bottom profile**, which increases the rigidity of the curtain.

Two types of light **aluminium profiles** – (100 mm and 77 mm), infilled with freon-free polyurethane foam.

Emergency opening of the door from the inside is possible **thanks to the emergency opening crank**.

Available **versions**

BR-77s | BR-77E

BR-77s | BR-77E (example glazing)

BR-77s | BR-77E with a ventilated profile

Double-leaf doors.
A simple and proven solution.

Double-leaf doors are the most economical closure system for a garage. Simple and proven solutions guarantee a low price and reliable operation.

SAFETY

Functionality and safety **of double-leaf doors**

- The opening frame and the leaf are made of galvanized steel sections without a thermal break.
- The leaf is infilled with galvanized steel sheet.
- The opening frame elements are joined with screwed connections.

Self-latching bolts
are installed in four points (in the upper and lower section of the leaf), and prevent the door from being opened by unauthorized persons.

Hinge limiter
prevents the leaf from being prised open.

Restrictor
limits the door movement and prevents it from being opened excessively.
The standard opening angle is 98°, and the the leaf can optionally be opened to 140°.

Foot
prevents an open door from inadvertently closing.

A door in a thermally insulated version
is available for an improved thermal insulation of your garage.

Screwed connections
ensure durability of the entire structure comprised of galvanized steel sections.

Available **versions**

Vertical low

Model 1 – horizontal low

Model 2 – horizontal high

Model 4 – vertical high

Model 6 – slanted “SV”

Model 7 – slanted “SA”

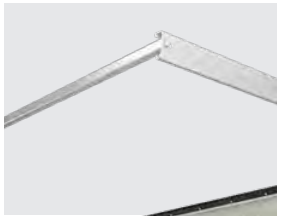
Model H – horizontal high

Up and over doors.
A perfect classic.

Up and over doors are one of the most popular doors in the market. Their simple structure as well as straightforward and proven mechanics ensure reliable operation

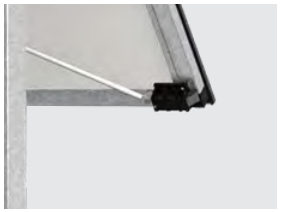
SAFETY

Features



Galvanized horizontal tracks and crosspiece

Opening frame
made of galvanized box sections



Door leaf bolt

Lock with a lock cylinder
bolting the door on both sides

PVC panel finish,
white inside

Extruded polystyrene thermal insulation

Door leaf
made of galvanized steel sheet with a polyester coating

Tension spring system
responsible for balancing out the door leaf weight

Available **versions**

Vertical low

Model 1
Horizontal low

Model 2
Horizontal high

Model 4
Vertical high

Model 5
Vertical high with a strip

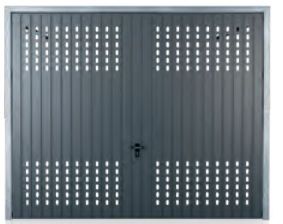
Model 3
Horizontal high with a strip

Model 6

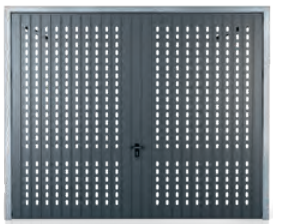
Model 7

Model 20

Model 30



Model 40



Model 50

Model 8
Horizontal low – shutter

Model 9
Horizontal high – shutter

V pattern
Vertical high

H pattern
Horizontal high

It's great
when everything **goes together perfectly...**

because harmony is the highest form of beauty. Choose your **garage door, windows**, and **shutters**, as well as **doors** and **fence** in the Home Inclusive™ system, which will create a matching set in terms of design and colour. Highlight this harmony with the smartCONNECTED smart control function and meet perfection that will never go out of fashion. A matching set of joinery and fence? From a single manufacturer in uniform design – because it is great when all the elements harmonize with your dreams, your home, and one another.

LET US INSPIRE YOU WITH OUR NEW HOME INCLUSIVE COLLECTION **FEATURING 16 UNIQ**

HI EARTH

HI QUARTZ GREY

ON

HI ANTHRACITE

HI DEEP GREEN

UE COLOURS!

HI STONE

HI STEEL

HI RUBY

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