

## WIŚNIOWSKI

### Garage doors SECTIONAL



## GARAGE DOORS

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W WIŚNIOWSKI



## Why WIŚNIOWSKI?

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.





WIŚNIOWSKI. Gates, windows, doors, fences.

## 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 the right garage door **for you**

mm

**PRIME.** The new generation of sectional garage doors.

LUXURY CLASS

Sectional garage doors by WIŚNIOWSKI provide a wide variety of possibilities for closing off your garage. Three classes of sectional garage doors make up a unique offer which lets you select the solution that is right for you. Aside from their function, the PRIME, UniTherm, and UniPro garage doors meet the highest standards of comfort and safety. They feature innovative design solutions enabling our sectional doors to be used in all environments, for both new and renovated buildings. They also reflect the trends in modern design.



STANDARD CLASS

PREMIUM CLASS

**UniPro.** Timeless versatility. **UniTherm.** Efficient thermal insulation.

### AVAILABLE GARAGE DOOR DESIGNS



#### UniPro

- Torsion spring system designed for 25,000 cycles
- Galvanized construction
- Panel: 40 mm
- Panel heat transfer coefficient

Up=0.48 W/m<sup>2</sup>K  $^{(1)}$ 

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/m<sup>2</sup>K <sup>(1)</sup>
- 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 <sup>(1)</sup>
- **Double** rollers with bearings
- Flexible panel joint covers
- Double bottom gasket
- **Protection system** for mechanical elements
- Modern automatic operating units with high standard accessories

 $^{\odot}$  - U factors of the door depending on the dimensions are specified in the table on page 99.

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



Low ribs

V ribs

High ribs

Caisson ribs

UniPro					
Woodgrain	RAL 7016, RAL 8014, RAL 9006, RAL 9016, other RAL*, Golden Oak, Walnut	_	RAL 7016, RAL 8014, RAL 9016, other RAL*, Golden Oak, Walnut	RAL 7016, RAL 8014, RAL 9016, other RAL*, Golden Oak, Walnut	RAL 9016, other RAL* Golden Oak
Smoothgrain	_	_	Golden Oak, Walnut 41 film coatings	Golden Oak, Walnut 41 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, Walnut	Golden Oak, Walnut 41 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, Walnut	Golden Oak, Walnut 41 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.







UniPro garage door



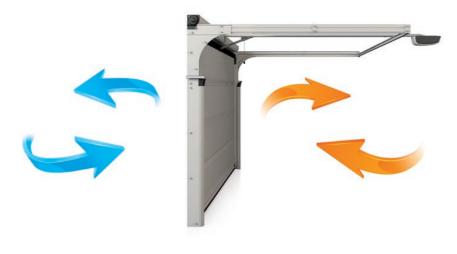
PRIME, UniTherm garage door

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

## Revolutionary 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 the panels with thermal insulation and our sealing systems, we managed to eliminate heat loss in the most affected areas of the leaf to ensure parameters that let the sectional garage doors keep an optimum temperature inside your garage.







## Thinking about your comfort **and safety**

Protection systems used in the WIŚNIOWSKI sectional garage doors are designed to meet all the current requirements. However, the safety and comfort of the user, as well as garage access protection are the two most important aspects. Our garage doors meet the stringiest safety standards, which is certified by the Declaration of Performance and the CE marking. We managed to ensure high safety standards 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.







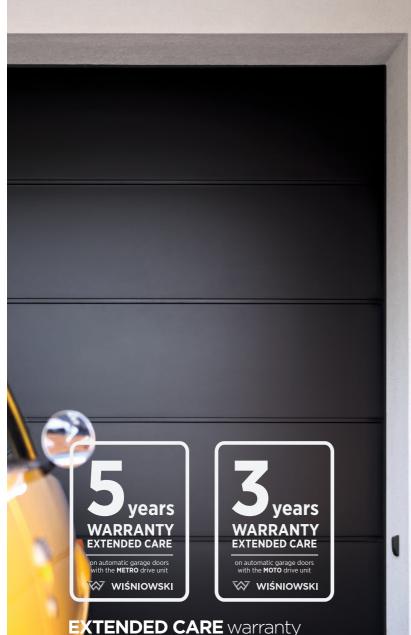
## Functionality and reliability that lasts

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 or MOTO 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.



xtend your standard warranty and enjoy the omfort 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 smartCONNECTED Box.



and gates

vour remote.

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

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**Open garage doors** Manage your without touching

home via a voice

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App Store

Google Play

### Anti-burglary safety kit RC2

Your home is your castle. We understand it very well and support you in building a safe space for you and your family. The anti-burglary safety kit provides an even better protection for your home. Solutions designed by our engineers make the UniPro, UniTherm, and PRIME doors paired with the MOTO or METRO drive unit almost impossible to force open. The mechanism locks the door automatically and protects it from being opened by unauthorized persons.

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.



BURGLARY



Sarage doors 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. **Prime** 

#### UniTherm

#### UniPro

Prime garage door

UniPro SNP

Door: UniPro SSp, UniPro SSt, UniPro N80,

Door: UniTherm SSp, UniTherm SSt









### 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.

DESIG



## **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.

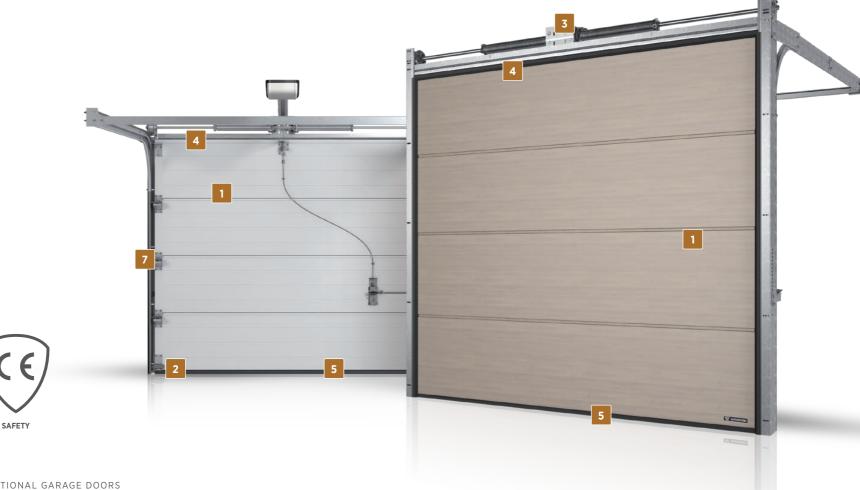


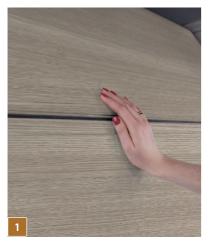




### **UniPro.** Functionality and safety.

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.









Integrated spring break safety device



Double-lip circumferential seal

Special panel shape

Spring break safety device - a standard accessory for doors with a door surface area of  $\geq$  9 m<sup>2</sup>





Overload safety device for automatic garage door

Photocells - option





Quiet guiding rollers (in doors with torsion Low threshold in wicket door springs)

(21 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.



Flexible panel joint covers



Additional inner cover – for garage doors with standard dimensions





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.

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#### 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 =  $0.33 \text{ W/m}^2\text{K}$ .



Double bottom gasket



Double-lip circumferential seal



Double-lip gasket in the fascia panel



Panel joint seals

### **PRIME.** A new generation of garage doors.

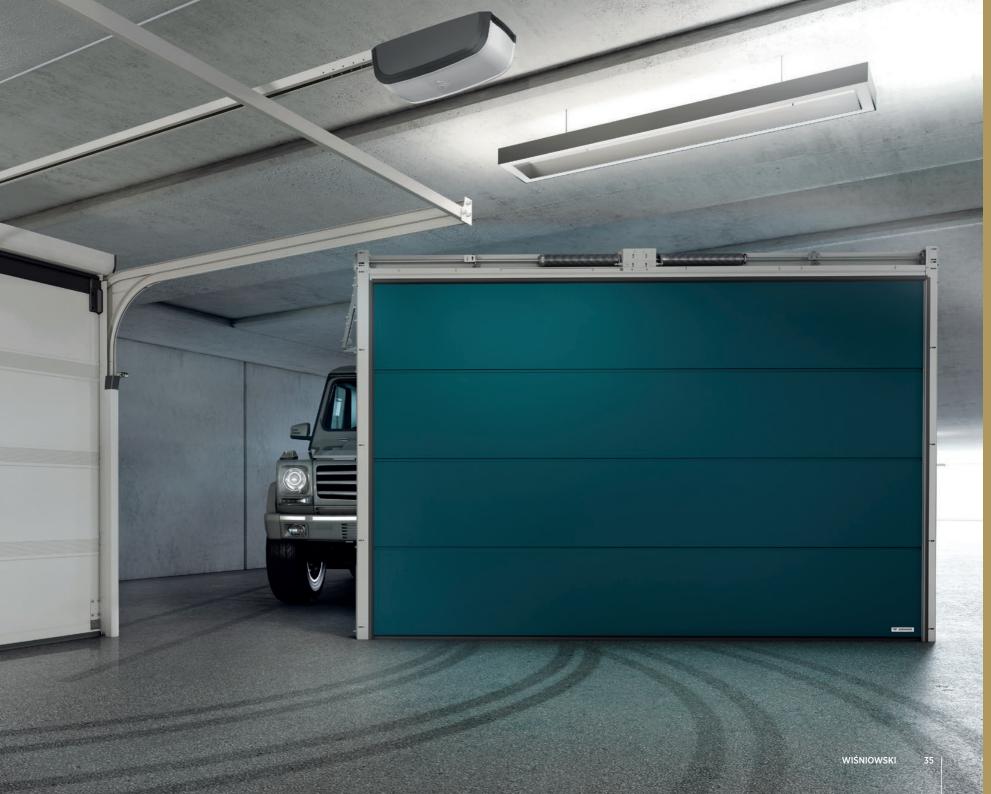
Imagine a new generation of garage doors. A garage door which is not just another way of putting all the available solutions together, but an effect of a search for balance between modern technology, quality, safety, and design. This is what the PRIME door is all about. An innovative garage door, perfected 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!



CLASS





## **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.





#### Exquisite manufacturing

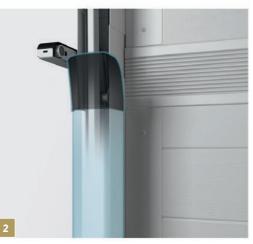
-0.

#### Painted elements of the construction

# 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

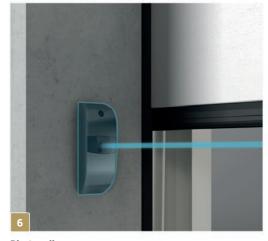
Integrated shaft and spring cover



Moving roller and guide covers



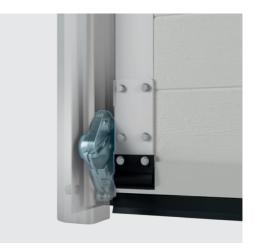
The Metro SMART io drive unit, compatible with the smartCONNECTED Box and TaHoma Switch central control units



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 endto-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.

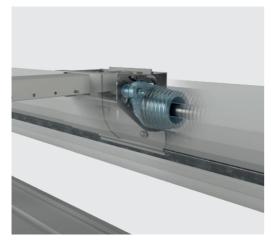


Safety brake prevents the leaf from dropping in case of cable damage

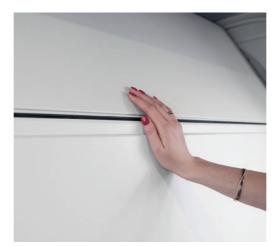


Safety light curtain - option





Integrated spring break safety device



Safe panel shape



Integrated shaft cover with side covers



Double rollers with bearings



**Overload safety device** 



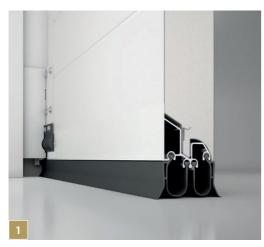
**External optical sensors** 

# **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.

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Double bottom gasket

Double-lip circumferential seal



Double-lip gasket in the fascia panel



Panel joint seals



Flexible panel joint covers



Additional inner cover – for garage doors with standard dimensions

### 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. 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.





#### Installation using lintel

(P)

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



The UniPro SNP 2.0 and 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 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



UNIVERSAL INSTALLATION



SSt 2.0 version



Universal installation method



950 mm mark



Pull spring system



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.

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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.



## **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

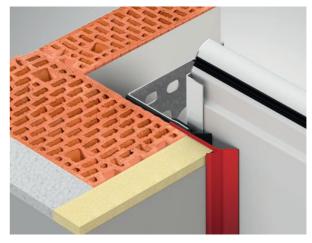
The garage door opening can be damaged in the process of replacing the garage door. Fascia panels matching the door leaf colour can be used to cover up the damage or some less appealing building structure features.

### **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.



Renovation fascia panel - option



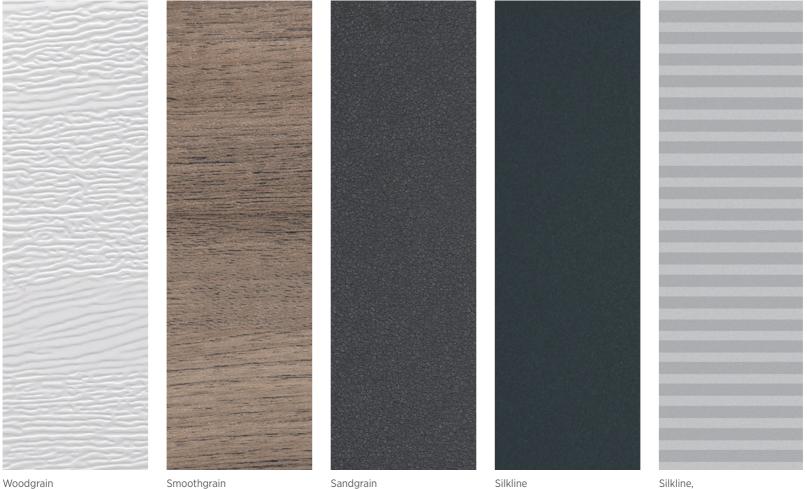
Finishing thermal seal - option

## Structures, versions, colours

1 1



### **STRUCTURES**



Woodgrain

Smoothgrain

Sandgrain

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

### GLAZING



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



### **DECORATIVE MOTIFS**



















Ap-7 type in the door with panels without ribs



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

#### VERSIONS





Garage door with VISUAL glazing - the VISUAL panel is available for garage door widths up to So=3000 [mm].

Garage door with the HORIZON glazing - with garage door widths up to So = 3,000 [mm]



Garage door with an aluminium panel glazing





Garage door with a ventilated panel – perforated sheet



Garage door with a ventilated panel – expanded mesh panel

### **SIDE DOOR** DESIGNS



Side door with panels without ribs



Side door with panels with high ribs



Side door with panels with low ribs



Side door with panels with caisson ribs



Side door with panels with V ribs



Side door with the A-1 glazing



Side door with the Ap-4 decorative motif

# 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

CAISSON RIBS	V RIBS	LOW RIBS	HIGH RIBS	NO RIBS	
			• ▲ ■	• • 8	Anthracite Sandgrain
•		•			Goldan Oak Woodgrain
					Wainut Woodgrain
					Graphite RAL 7016 Woodgrain
			• ▲ ■	• ▲ ■	Graphite RAL 7016 Silkline
					Brown RAL 8014 Woodgrain
					Black RAL 9005 silkline
					abore-under Anderson
					Silver RAL 9006 Silkline
					White RAL 9016 Woodgrain
			• • •	• • •	White RAL 9016 Silkline

• PRIME

- ▲ UniTherm
- UniPro

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



CAISSON RIBS	V RIBS	LOW RIBS	HIGH RIBS	NO RIBS
			• • •	e deter Dak
		_	• • •	
				Anthracite Grey 701605-167 Smoothgrain
				Cream White 137905-167 Smoothgrain
				Dark Green 612505-167 Smoothgrain
				Methuush Silver F436-1002 Smoothgrain
				Silbergrau 16/00 Smoothgrain
				White 915205-168 Smoothgrain
				Chocolate Brown 887505-1167 Smoothgrain
				Arthadie Quart 436-1014 Smoottigrain
				AnTEAK 3241002-195 Smoothgrain
				Bakt Oak 2052009-167 Smoothgrain

• PRIME

- ▲ UniTherm
- UniPro

·····	• • •	Swamp Oak 3167004-167 Smoothgrain
	• • •	Summer Chery 3214009-195 Smoothgrain
	• • ■	Macore 3162/002-1167 Smoothgrain
	• ▲ ■	<b>Oregon</b> 1192001-167 Smoothgrain
	• ▲ ■	Sapel: 2065021-167 Smoothgrain
	• • ■	Siena Noce 49237 PN Smoothgrain
	• ▲ ■	Siena PL 49254-015 Smoothgrain
	• ▲ ■	Siena Rosso 49233 PR Smoothgrain
	• • 8	Winchester 49240 XA Smoothgrain
	• • ■	Black Cherry 3:202001-167 Smoothigrain
	• • •	Natural Oak 3118076-1168 Smoothgrain
	• ▲ ■	Douglas Fir 3152009-1167 Smoothgrain
	• • •	Rustic Oak 3]49008-167 Smoothgrain
	• • •	Sheffield Dak Brown F 436-3087 Smoothgrain



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

Sheffield Oak Light F 456-3081	Sheffield oak grey F 436-3086	Bruschschwarzbraun F436-1023	Ear patin 119500	Black ulti-mat PX47097	Woode: Turmer Oak Malt F 4703001	Woodec Sheffield Oak Alpine F 4703002	Woodec Sheffield Oak Concrete F 4703003	Umbagrau F436-60657	Fenstergrau F436-6066	<b>Cremeweiss</b> F456-6001	Anthrazitgrau F436-6003
Smoothgram	Smoothgrain	smoothgrain	smoothgrain	smoothgrain	smoothgrain	smoothgrain	smoothgrain	smoothgrain	smoothgrain	smoothgrain	smothgrain
0107					• • •	• •					

• PRIME

- ▲ UniTherm
- UniPro

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' silk 4.	lak 217 grain	1780C grain	e Qua grain	lurner ( grain
<b>Dark grey silk</b> 4367003 smoothgrain	Golden Oak 2178001-167 smoothgrain	Wahut 2178007-167 smoothgrain	Anthracite Quartz Mat F 4701014 smoothgrain	<b>Woodec Turner Oak Toffe</b> F4703004 smoothgrain
Sm	60 SIT	Wa sm	An	sm sm
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HI SMOKE GREEN HI WILLOW GREEN HI WILLOW GREEN HI DEEP GREEN HI DEEP GREEN HI DARTZ GREY HI ANTHRASTONE HI MARINA HORIZON HI MARINA HORIZON HI MODERN GRAPHITE
Image: Hearth     Imag
NO RIBS OF A DE OF A D
LOW RIBS <b>B B B B B B B B B B</b>

• PRIME

- ▲ UniTherm
- UniPro



#### 

NEW COLOURS! HOME INCLUSIVE<sup>20</sup>

**BEESENANNENENENEN**ENENEN

#### 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 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 drive unit,up to 3 years when factory configured with the MOTO drive unit.



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### **EXTENDED CARE warranty**

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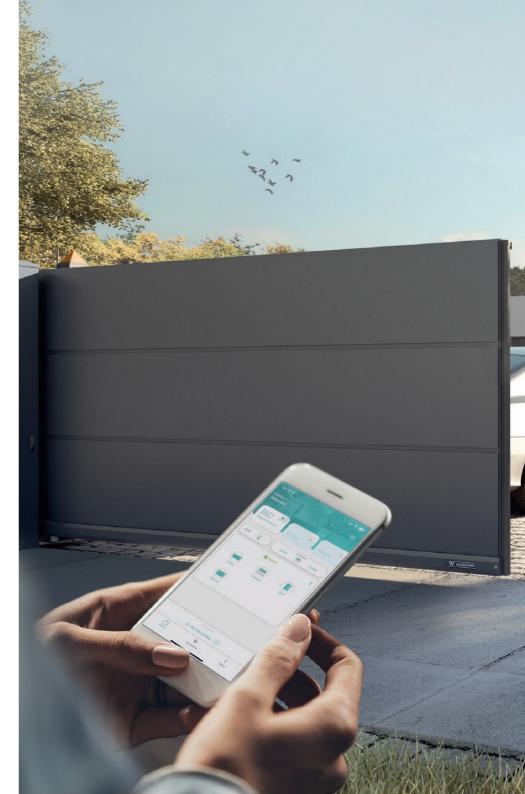
- lets you extend the standard warranty up to:
  5 years for the complete product automatic sectional garage door factory configured with the METRO drive unit,
- 3 years for the complete product automatic sectional garage door factory configured with the MOTO drive unit.



# TREAT YOURSELF TO COMFORT AND SAFETY

The smartCONNETED concept brings WIŚNIOWSKI automatic garage doors to the next level of product development and tailors them to the requirements of more and more demanding 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. Modern, safe, and reliable io-homecontrol radio technology allows you to connect the Metro SMART io drive to the smartCONNECTED device by WIŚNIOWSKI and TaHoma device by Somfy, which gives the drive unit further functionality and connects the garage door with other smart devices in your home.





# l am smartCONNECTED

The functionality behind the smartCONNECTED name is an investment that benefits your entire family, because to enter your home, you no longer need to lug around a weighty bunch of keys. Parents can let their children inside without leaving the office. You can also check whether the gate is closed by using your smartphone. What is more, thanks to the use of algorithms, your smart home can memorize the lifestyle of its inhabitants and perform basic actions, such as opening and closing the roller shutters for them. And with the global positioning function, it can also open the gate just before you arrive home.



## TREAT YOURSELE TO COMFORT **AND SAFETY**

- Control your garage doors, gates, windows, doors, and roller shutters remotely.
- Open garage doors and gates without touching your remote.
- Manage your home via a voice assistant.



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® enables wireless connection of the Metro SMART io drive unit to the smart home system controlled by the WIŚNIOWSKI smartCONNECTED Box and Somfy TaHoma Switch central control units. Building a comprehensive smart home provides a number of benefits and additional features that enhance your comfort every single day.

# **METRO**drive

METRO is a new generation of drive units. It is a harmonious combination of power, beauty, and reliability, designed using state-of-the-art technology. It is the result of cooperation between WIŚNIOWSKI and Somfy, a leading global manufacturer of automation products and smart control solutions for home devices. The METRO drive features exceptional technical parameters in an enclosure designed according to the WIŚNIOWSKI design principles.



**PULSAR** four-channel transmitter

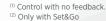
WISNIOWSKI POWERED BY SOMFY



## **METRO, MOTO** TECHNICAL DATA

## WISNIOWSKI POWERED BY SOMFY.

Application Simple programn Auto selection of Configurable Display Safety	sectional (garage) doors up and over (garage) doors ning operating parameters	• • • •	•	•
Simple programn Auto selection of Configurable Display	doors	•	•	-
Auto selection of Configurable Display		•		•
Configurable Display	operating parameters			-
_ Display		•	•	•
			•	•
Safety		-	•	_
Safety j	Obstacle detection	•	•	•
	Photocells	•	•	•
Radio	RTS	•	•	-
transmission	io	_	-	•
Backup power su	pply	٠	•	•
Cycle counter		_	•	_(2)
Integrated signal	light	٠	•	•
Additional safeguard	Mechanical carriage lock	٠	٠	٠
Stand-alone, add	itional external lamp	•	•	•
Recent fault logg	ing	-	•	_(2)
90º head adjustm	nent	•	•	•
Steel rail with a c	hain or belt	٠	•	٠
	Ri-Co	•	•	•
Smart technologies	smartCONNECTED Box	_	-	•
technologies	TaHoma Premium	•(1)	•(1)	•
Garage ventilatio	n feature	_	-	•
Remote contro	I	PULSAR transmitter two-channel	PULSAR transmitter four-channel	smartphone app



homecontrol

is a modern, safe, and reliable radio technology by Somfy that lets you control your devices compatible with the smart home concept. Thanks to this technology, the drive unit not only receives commands from controllers, but it can also send feedback. The io-homecontrol technology makes it possible to connect the Metro SMART io drive to the TaHoma and smartCONNECTED Box system, which provides the drive with additional functions that connect the garage door with smart devices available in your home.



# MOTO drive unit

The MOTO drive unit ensures reliable operation with functions typical of drive units from the economy segment.

Main features and functions:

- simple programming ready to use in under 60 seconds,
- overcurrent obstacle detection,
- RTS radio transmission,
- integrated LED signal light,
- track beam with a chain,
- two drive versions,
- compatible with an external signal light,
- compatible with photocells,
- compatible with emergency power supply battery.



PULSAR RTS two-channel transmitter



The two-channel code keypad makes it possible to control both drive units and radio receivers. Thanks to radio communication, they can be installed in any place and don't need any cables.

# ACCESSORIES FOR AUTOMATIC OPERATING UNITS FOR **GARAGE DOORS**

Extra features offered by the automatic garage door equipment equal higher safety standards and more comfort.

### Set&Go by Somfy

is a device that guides the user through all the configuration steps of the io-homecontrol automatic operating unit. The device includes an antenna and a PC application.



### io code keypad by Somfy

lets you control the io radio drives and can support up to two devices. The keypad is a flush-mounted wireless device and no cables are required for installation. The device is powered with a battery and features backlit keys.



**RTS wall-mounted transmitter by Somfy** The two-channel transmitter lets you control both your drive units and radio

control both your drive units and radio receivers. Thanks to radio communication, they can be installed in any place and don't need any cables.



The external radio receiver by Somfy 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.



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



Garage ventilation feature is enabled by tilting the top panel without the need to lift the door. The bottom panel remains seated against the floor.



Warning lamp compatible with the METRO drives.



**Backup battery** connected to the METRO and MOTO drive provides power for several cycles of emergency operation.



External code keypad

this single-channel device can be used to control the garage door with a code. For outdoor installation, requires cabling.



Photocells

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





UniPro | HI MODERN GRAPHITE LUX | AW.10.54 | HI MODERN GRAPHITE CREO | 310 | HI MODERN <u>GRAPHITE</u>

1000

1 33







86 SECTIONAL GARAGE DOORS



UniTherm | Sheffield Oak Light | Smoothgrain CREO | 345 | Sheffield Oak Light

**UniPro** | Anthracite | Sandgrain

167 W.0





WIŚNIOWSKI 91

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











UniTherm | HI MODERN GRAPHITE CREO | 321 | HI MODERN GRAPHITE

9

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# **Technical** information

**U thermal transmittance factor** [W/m<sup>2</sup>K] for the **UniPro** sectional doors (40 [mm] panel)

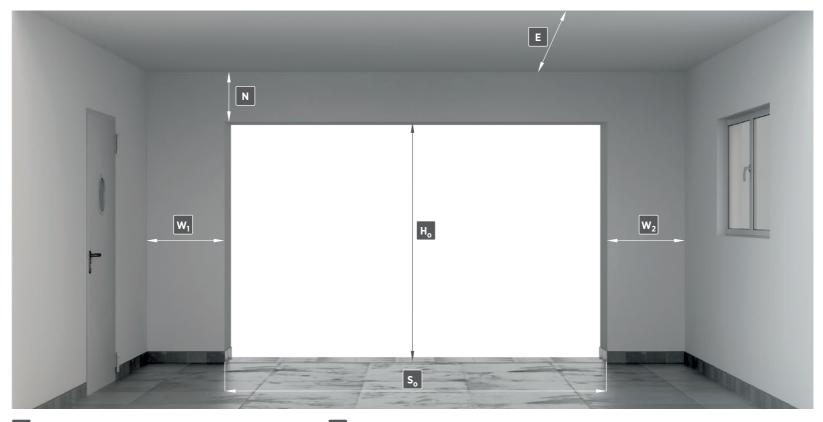
										Door wid	lth in [m]								
_		2.250	2.375	2.400	2.500	2.600	2.750	3.000	3.250	3.500	3.750	4.000	4.250	4.500	4.750	5.000	5.250	5.500	6.000
	2.000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
	2.100	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	2.125	1.3	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
_	2.200	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	1.2	1.2	1.2
in [m]	2.250	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	1.2
i H	2.375	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	1.2
height	2.500	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			
Door	2.625	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2							
- <sup>-</sup>	2.750	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2							
	2.875	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2								
	3.000	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2									

U thermal transmittance factor [W/m<sup>2</sup>K] for the UniTherm and PRIME sectional doors (INNOVO 60 [mm] panel)

									Doo	or width 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	1.1	1.1	1	1	1	1	1	1	1	1	0.99
	2.100	1.1	1.1	1.1	1.1	1.1	1.1	1	1	1	1	1	1	1	0.99	0.99	0.98	0.97
	2.125	1.1	1.1	1.1	1.1	1.1	1.1	1	1	1	1	1	1	0.99	0.99	0.98	0.97	0.97
Ē	2.200	1.1	1.1	1.1	1.1	1	1	1	1	1	1	0.99	0.98	0.98	0.97	0.97	0.96	0.95
.⊆	2.250	1.1	1.1	1.1	1	1	1	1	1	1	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.94
height	2.375	1	1	1	1	1	1	1	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92
or þ	2.500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1	1	1	1	1	1	1	1		
Door	2.625	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1	1						
	2.750	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.99	0.98						
	2.875	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.99	0.98	0.97							
	3.000			1.0	1.0	1.0	1.0	0.98	0.97	0.96								

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

# **Technical** information



S<sub>o</sub> H<sub>o</sub> N

- opening width, ordering dimension

- opening height, ordering dimension
- minimum required lintel height

- W<sub>1</sub> W<sub>2</sub> E
  - minimum required side clearance
  - minimum required side clearance
  - minimum garage depth with clearance under the ceiling

# TYPES OF TRACKS

- pull springs, garage door with double horizontal 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,
- **NP** pull springs mounted along the vertical tracks.

# PANEL TYPES FOR SECTIONAL GARAGE DOORS

N	W	G
N – low ribs	<b>W</b> - high ribs	<b>G</b> - no ribs
V	K	
V - V ribs	K - caisson ribs	

# TECHNICAL INFORMATION UniPro garage door

Minimum garage door dimensions:

- $S_o = 1,500 \text{ [mm]}$  and  $H_o = 1,800 \text{ [mm]} \text{garage doors type}$
- $S_0 = 1,500 \text{ [mm]}$  and  $H_0 = 1,900 \text{ [mm]}$  garage doors type  $\mathbf{G}$ ,  $\mathbf{W}$ ,  $\mathbf{V}$
- $S_0 = 2,230 \text{ [mm]}$  and  $H_0 = 1,990 \text{ [mm]} \text{garage doors type}$



## Available range of dimensions for tracks

Opening height <sup>(1)</sup>							Ope	ning wid	<b>th</b> <sup>(1)</sup> (S <sub>0</sub> )	in [mm]	up to						
(H <sub>o</sub> ) 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																	

(1) - Ordering dimension.

E H H

	Sp	SSI	pN	SSpN, SSpG,	SSpW, SSpK	SSpG,	SSpW	SSpV
Co	lour/Structure	RAL 8014, RA 90 other RAL ('	16,	Golden Oa RAL 7016, RA 90 panel type (Woodgrain) (Smoot	AL 8014, RAL 116 G, W, K 111 film coating	(Smoot	(Sandgrain) L 9016, other	RAL 9006, RAL 7016, other RAL (silkline)
	Dimensions	standard	special	standard	special	standard	special	special
	Nmin	$\begin{array}{l} \textbf{=200[mm] for} \\ H_0 = 2,000 [mm] \\ H_0 = 2,100 [mm] \\ H_0 = 2,250 [mm] \\ H_0 = 2,500 [mm] \\ \textbf{=220[mm] for} \\ H_0 = 2,125 [mm] \\ H_0 = 2,200 [mm] \end{array}$	200 [mm]	<b>=200 [mm] for</b> H <sub>0</sub> = 2,100 [mm] H <sub>0</sub> = 2,250 [mm] <b>=220 [mm] for</b> H <sub>0</sub> = 2,125 [mm] H <sub>0</sub> = 2,200 [mm]	=200 [mm]	=200 [mm] for $H_0 = 2,000$ [mm] $H_0 = 2,125$ [mm] $H_0 = 2,250$ [mm] $H_0 = 2,375$ [mm] $H_0 = 2,500$ [mm] =220 [mm] for $H_0 = 2,200$ [mm]	=200 [mm]	=200 [mm]
	Sj				S <sub>0</sub> - 40 [mm]			
	Manual				H <sub>0</sub> - 160 [mm]			
Hj	Manual + catcher				H <sub>0</sub> - 80 [mm]			
	With a drive unit				Ho - 50 [mm]			
	W1, W2				110 [mm]			
	Manual				H <sub>0</sub> + 400 [mm]	]		
Emin	With the MOTO drive				L <sub>s</sub> + 300 [mm]			
	With the METRO drive				L <sub>S</sub> + 410 [mm]			
	Ls	2900 [m	m] for $H_0 \le 225$	50; 3500 [mm] f	or H <sub>O</sub> > 2250 ai	nd <sub>Ho</sub> ≤ 2850; 4	500 [mm] for H	o > 2850

**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<sub>1</sub> – minimum required side clearance. W<sub>2</sub> – minimum required side clearance. E – minimum garage dopth with clearance under the ceiling. Ls – drive rail length.

# TECHNICAL INFORMATION UniPro garage door

Minimum garage door dimensions:

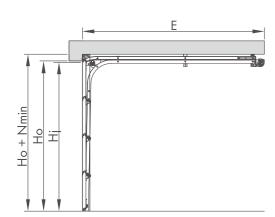
- $S_o = 1,500 \text{ [mm]}$  and  $H_o = 1,800 \text{ [mm]} \text{garage doors type}$
- $S_0 = 1,500 \text{ [mm]}$  and  $H_0 = 1,900 \text{ [mm]}$  garage doors type  $\mathbf{G}$ ,  $\mathbf{W}$ ,  $\mathbf{V}$
- $S_0 = 2,230 \text{ [mm]}$  and  $H_0 = 1,990 \text{ [mm]} \text{garage doors type}$



### Available range of dimensions for tracks

Opening height <sup>(1)</sup>							Opening	width <sup>(1)</sup>	(S <sub>o</sub> ) in [m	m] up to						
(H <sub>o</sub> ) 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																

(1) - Ordering dimension.



	St	SStN, SStG, S	StW, SStK	SStV							
C	olour/Structure	all avai colour and structu		RAL 9006, RAL 7016, other RAL (silkline)							
	Dimensions	standard	special	special							
NL .	Manual	I	100 [mm]								
Nmin	With a drive unit	140 [mm]									
	Sj		So - 40 [mm]								
	Manual	H <sub>0</sub> - 160 [mm]									
Hj	Manual + catcher		H <sub>0</sub> - 90 [mm]								
	With a drive unit	H <sub>0</sub> - 90 [mm]									
	W1, W2		110 [mm]								
	Manual	H <sub>0</sub> + 750 [mm]									
Emin	With the MOTO drive	L <sub>S</sub> + 300 [mm]									
	With the METRO drive	L <sub>S</sub> + 410 [mm]									
	Ls	2900 [mm] for H_0 $\leq$ 2250; 3500 [mm] for H_0 $>$ 2250 and H_0 $\leq$ 2850; 4500 [mm] for H_0 $>$ 2850									

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<sub>1</sub> - minimum required side clearance. W<sub>2</sub> - minimum required side clearance. E - minimum garage depth with clearance under the ceiling. Ls - drive rail length.

# TECHNICAL INFORMATION UniPro garage door

Minimum garage door dimensions:

- $S_o = 1,500 \text{ [mm]}$  and  $H_o = 1,800 \text{ [mm]} \text{garage doors type}$
- $S_0 = 1,500 \text{ [mm]}$  and  $H_0 = 1,900 \text{ [mm]}$  garage doors type  $\mathbf{G}$ ,  $\mathbf{W}$ ,  $\mathbf{V}$
- $S_0 = 2,230 \text{ [mm]}$  and  $H_0 = 1,990 \text{ [mm]} \text{garage doors type}$



## Available range of dimensions for tracks

Opening height <sup>(1)</sup>							Ope	ning wid	<b>th</b> <sup>(1)</sup> (S <sub>0</sub> )	in [mm]	up to						
(H <sub>o</sub> ) 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																	

(1) - Ordering dimension.

	<b>Sj</b>	SS	įΝ	SSjN, SSjG,	SSjW, SSjK	SSjG,	SSjW					
Co	our/Structure	RAL 8014, RAL 9 other RAL (\		RAL 7016, RAL panel type <b>G</b> ,	ak, Walnut 8014, RAL 9016 W, K (Wood- ng (Smoothgrain)	Golden Oak, W gra Anthracite RAL 7016, RAL (Silk	in), (Sandgrain) 9016, other RAL					
	Dimensions	standard	special	standard	special	standard	special					
	Nmin	=400[mm] for $H_0 = 2,000 \text{ [mm]}$ $H_0 = 2,250 \text{ [mm]}$ $H_0 = 2,250 \text{ [mm]}$ $H_0 = 2,500 \text{ [mm]}$ =420[mm] for $H_0 = 2,200 \text{ [mm]}$	=400 [mm]	<b>=400 [mm] for</b> H <sub>0</sub> = 2,100 [mm] H <sub>0</sub> = 2,250 [mm] <b>=420 [mm] for</b> H <sub>0</sub> = 2,125 [mm] H <sub>0</sub> = 2,200 [mm]	=400 [mm]	=400 [mm] for $H_0$ = 2,000 [mm] $H_0$ = 2,125 [mm] $H_0$ = 2,250 [mm] $H_0$ = 2,375 [mm] $H_0$ = 2,500 [mm] $H_0$ = 2,200 [mm]	=400 [mm]					
	Sj											
	Manual											
Hj	Manual + catcher			Hj = H <sub>O</sub> –	20 [mm]							
	With a drive unit											
	W1, W2	110 [mm]										
	Manual	H <sub>0</sub> + 400 [mm]										
Emin	With the MOTO drive	Ls + 300 [mm]										
	With the METRO drive	L <sub>S</sub> + 410 [mm]										
	Ls	2900 [mm]	for $H_0 \leq$ 2250; 35	500 [mm] for $H_0 >$	2250 and Ho $\leq$ 28	50; 4500 [mm] for	H <sub>0</sub> > 2850					

**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<sub>1</sub> – minimum required side clearance. W<sub>2</sub> – minimum required side clearance. E – minimum garage dopth with clearance under the ceiling. Ls – drive rail length.

# TECHNICAL INFORMATION UniPro garage door

Minimum garage door dimensions:

- $S_o = 1,500 \text{ [mm]}$  and  $H_o = 1,800 \text{ [mm]} \text{garage doors type}$
- $S_0 = 1,500 \text{ [mm]}$  and  $H_0 = 1,900 \text{ [mm]}$  garage doors type  $\mathbf{G}$ ,  $\mathbf{W}$ ,  $\mathbf{V}$
- $S_0 = 2,230 \text{ [mm]}$  and  $H_0 = 1,990 \text{ [mm]} \text{garage doors type}$

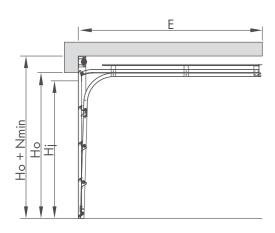


### Available range of dimensions for tracks

Opening height <sup>(1)</sup>						Ор	ening wid	<b>th</b> (1) (S <sub>0</sub> ) i	n [mm] up	o to					
(H <sub>o</sub> ) 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															

(1) - Ordering dimension.

	<b>N</b>	SN	IN	SNN, SNG,	SNW, SNK	SNG,	SNW				
Co	blour/Structure		AL 8014, RAL 9006, RAL 9016, other RAL (Woodgrain)		ak, Walnut 8014, RAL 9016 W, K (Wood- ng (Smoothgrain)	Golden Oak, Walnut (Smoothgrain), Anthracite (Sandgrain) RAL 7016, RAL 9016, other RAL (Silkline)					
	Dimensions	standard	special	standard	special	standard	special				
Nmin		H <sub>0</sub> = 2,200 [mm] H <sub>0</sub> = 2,250 [mm] <b>=250 [mm] for</b>		<b>=200 [mm] for</b> H <sub>0</sub> = 2,100 [mm] H <sub>0</sub> = 2,250 [mm] <b>=240 [mm] for</b> H <sub>0</sub> = 2,125 [mm] H <sub>0</sub> = 2,200 [mm]	=220 [mm]	=220 [mm] for $H_0$ = 2,000 [mm] $H_0$ = 2,125 [mm] $H_0$ = 2,250 [mm] $H_0$ = 2,375 [mm] $H_0$ = 2,500 [mm] =240 [mm] for $H_0$ = 2,200 [mm]	=220 [mm]				
	Sj	So - 40 [mm]									
	Manual			H <sub>0</sub> - 13	0 [mm]						
Hj	Manual + catcher With a drive unit			H <sub>0</sub> - 80	) [mm]						
	W1, W2			110 [	mm]						
	Manual			H <sub>0</sub> + 80	00 [mm]						
Emin	With the MOTO drive			Ls + 30	0 [mm]						
L11111	With the METRO drive			L <sub>S</sub> + 41	0 [mm]						
	Ls	2900 [mm]	for $H_0 \le 2250; 35$	500 [mm] for $H_0 >$	2250 and $H_0 \le 28$	50; 4500 [mm] for	H <sub>0</sub> > 2850				

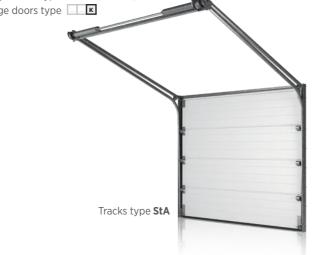


**So – opening width, ordering dimension.** Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W<sub>1</sub> – minimum required side clearance. W<sub>2</sub> – minimum required side clearance. E – minimum garage dopth with clearance under the ceiling. Ls – drive rail length.

## TECHNICAL INFORMATION UniPro garage door

Minimum garage door dimensions:

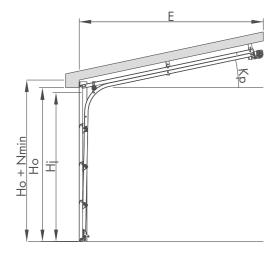
- $S_o = 1,500 \text{ [mm]}$  and  $H_o = 1,800 \text{ [mm]} \text{garage doors type}$
- $S_0 = 1,500 \text{ [mm]}$  and  $H_0 = 1,900 \text{ [mm]} \text{garage doors type}$
- $S_0 = 2,230 \text{ [mm]}$  and  $H_0 = 1,990 \text{ [mm]} \text{garage doors type}$



#### Available range of dimensions for tracks

Opening height <sup>(1)</sup>							Opening	width(1)	(S <sub>o</sub> ) in [m	m] up to						
( $H_0$ ) 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																

<sup>(1)</sup> – Ordering dimension.



StA	Nr	nin		Hj	Sj	W1,W2	
Кр	manual	automatic	manual	manual + catcher	automatic		
degrees [°]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
2	140	170	H <sub>0</sub> - 100	H <sub>0</sub> - 80	H <sub>0</sub> - 70		
3	135	165	H <sub>O</sub> - 110	H <sub>0</sub> - 90	H <sub>0</sub> - 90 H <sub>0</sub> - 70		
4	130	160	H <sub>0</sub> - 120	H <sub>0</sub> - 90	H <sub>0</sub> - 70		
5	120	150	H <sub>O</sub> - 130	H <sub>0</sub> - 90	H <sub>0</sub> - 70		
6	110	140	H <sub>0</sub> - 140	H <sub>0</sub> - 90	90 H <sub>o</sub> - 70		110
7	110	140	H <sub>0</sub> - 140	H <sub>0</sub> - 90	H <sub>0</sub> - 70	S <sub>0</sub> - 40	110
8	100	130	H <sub>0</sub> - 140	-	H <sub>0</sub> - 70		
9	100	120	H <sub>0</sub> - 140	-	H <sub>0</sub> - 70		
10	100	110	H <sub>0</sub> - 140	-	H <sub>0</sub> - 70	-	
11 to 20	100	100	H <sub>0</sub> - 140	-	H <sub>0</sub> - 60		

Minimim	darado	donth
Minimum	ualaye	ueulli

E <sub>min</sub>	Drive unit	E <sub>min</sub> ,	Height H <sub>o</sub>
Automatic: Emin=cos(K <sub>p</sub> ) x Emin'		3,200	0 - 2,250
Manual: Emin=cos( $K_p$ ) x ( $H_0$ +30+450)	MOTO	3,800	2,251 - 3,000
H <sub>o</sub> – opening height		4,800	2,851 - 3,150
Emin' – value from the table, depending on the automatic		3,310	0 - 2,250
operating unit and H <sub>o</sub>	METRO	3,910	2,251 - 2,850
Kp – inclination angle of the ceiling in relation to the floor		4,910	2,851 - 3,150

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<sub>1</sub> - minimum required side clearance. W<sub>2</sub> - minimum required side clearance. E - minimum garage depth with clearance under the ceiling. Ls - drive rail length.

## TECHNICAL INFORMATION UniPro garage door

Minimum garage door dimensions:

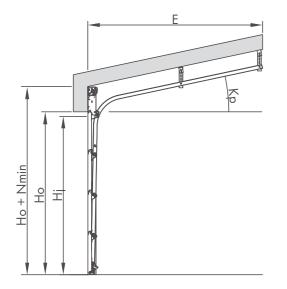
- $S_o = 1,500 \text{ [mm]}$  and  $H_o = 1,800 \text{ [mm]}$  garage doors type
- $S_0 = 1,500 \text{ [mm]}$  and  $H_0 = 1,900 \text{ [mm]}$  garage doors type -6, -4, -4
- $S_0 = 2,230 \text{ [mm]}$  and  $H_0 = 1,990 \text{ [mm]} \text{garage doors type}$



#### Available range of dimensions for tracks

Opening height <sup>(1)</sup>						Ор	ening wid	<b>th</b> (1) (S <sub>o</sub> ) i	<sup>1)</sup> (S <sub>0</sub> ) in [mm] up to											
$(H_0)$ 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																				

() - Ordering dimension.



SpA	Nr	nin	ł	łj	Sj	W <sub>1</sub> ,W <sub>2</sub>
Кр	manual	automatic	manual	automatic		
degrees [°]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
2 to 3	360	390	Ho - 50	H <sub>0</sub> - 20		
4	350	380	Ho - 50	H <sub>0</sub> - 20		
5 to 6	350	370	H <sub>0</sub> - 50	H <sub>0</sub> - 20	S <sub>0</sub> - 40	110
7	350	360	H <sub>0</sub> - 50	H <sub>0</sub> - 20		
8 to 20	350	350	Ho - 50	H <sub>0</sub> - 20		

rinning galage depth	Minimum	garage	depth
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E <sub>min</sub>	Drive unit	E <sub>min</sub> ,	Height $H_{o}$
Automatic: Emin=cos(K <sub>p</sub> ) x Emin'		3,200	0 - 2,250
Manual: Emin=cos( $K_p$ ) x ( $H_0$ +30+450)	МОТО	3,800	2,251 - 3,000
H <sub>e</sub> - opening height		4,800	2,851 - 3,150
Emin' – value from the table, depending on the automatic		3,310	0 - 2,250
operating unit and $H_0$	METRO	3,910	2,251 - 2,850
Kp – inclination angle of the ceiling in relation to the floor		4,910	2,851 - 3,150

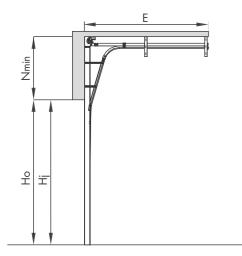
So - opening width, ordering dimension. Sj - clear passage width after garage door installation Ho - opening height, ordering dimension. Hj - clear passage height after garage door installation. N - minimum required lintel height. W<sub>1</sub> - minimum required side clearance. W<sub>2</sub> - minimum required side clearance. E - minimum garage depth with clearance under the ceiling. Ls - drive rail length.



#### Available range of dimensions for tracks

Opening height <sup>(1)</sup>							Opening	width(1)	(S <sub>o</sub> ) in [m	m] up to						
$(H_0)$ 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																

(1) – Ordering dimension.



	HL	SHLN, SHLG, S	SHLW, SHLK					
Co	blour/Structure	all avai colour and structu						
	Dimensions	standard	special					
NI .	Manual	400 < N < 1300						
Nmin	With a drive unit	400 < N	≤ IS00					
	Sj	S <sub>0</sub> - 40 [mm]						
116	Manual							
Hj	With a drive unit	H <sub>0</sub> – 20	[[[]]]					
	W1, W2	110 [m	1m]					
	Manual	H <sub>0</sub> - 0,8 x N+	-645 [mm]					
Emin	With the MOTO drive	3200 [mm] for $H_0 \leq$ 2080; 3800 [mm] for 20	$80 < H_0 \le 2680; 4800 \text{ [mm] for } H_0 > 2680$					
	With the METRO drive	/e 3310 [mm] for $H_0 \le 2080$ ; 3910 [mm] for 2080 < $H_0 \le 2680$ ; 4910 [mm] for $H_0 > 2080$						

**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<sub>1</sub> – minimum required side clearance. W<sub>2</sub> – minimum required side clearance. E – minimum garage dopth with clearance under the ceiling. Ls – drive rail length.

## TECHNICAL INFORMATION UniPro garage door

Minimum garage door dimensions:

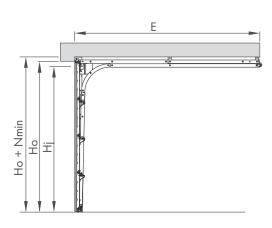
- $S_o = 1,500 \text{ [mm]}$  and  $H_o = 1,800 \text{ [mm]} \text{garage doors type}$
- $S_0 = 1,500 \text{ [mm]}$  and  $H_0 = 1,900 \text{ [mm]} \text{garage doors type}$
- $S_0 = 2,230 \text{ [mm]}$  and  $H_0 = 1,990 \text{ [mm]} \text{garage doors type}$
- $S_0 \le 1,750 \text{ [mm]}$  and  $H_0 \text{ max} = 2,500 \text{ [mm]}, 1,750 \text{ [mm]} < S_0 \le 2,000 \text{ [mm]} H_0 \text{ max} = 2,750 \text{ [mm]}$



#### Available range of dimensions for tracks

Opening height <sup>(1)</sup>					C	Dpening wi	dth <sup>(1)</sup> (S <sub>o</sub> ) ir	[mm] up t	0				
(H <sub>0</sub> ) 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
2,000													
2,100													
2,125													
2,200													
2,250													
2,375													
2,500													
2,625													
2,750													
2,875													
3,000													

<sup>(1)</sup> – Ordering dimension.



	SN	SNPN, SNPG,	SNPV						
	Colour/Structure	all ava colour and struct		RAL 9006, RAL 7016, other RAL (silkline)					
	Dimension	standard	special						
	Manual	90 [mm]							
Nmin	With the MOTO drive	100 [mm]							
	With the METRO drive	100 [mm]							
	Sj	S <sub>0</sub> - 40 [mm]							
Hi	Manual + catcher (standard)		H <sub>0</sub> - 60 [mm]						
нj	With a drive unit		H <sub>0</sub> - 60 [mm]						
	W1, W2		100 [mm]						
	Manual		H <sub>0</sub> + 600 [mm]						
Emin	With the MOTO drive	L <sub>s</sub> + 300 [mm]							
	With the METRO drive	L <sub>S</sub> + 410 [mm]							
	L <sub>S</sub>	2900 [mm] for H <sub>0</sub> $\leq$ 2250; 3500 [mm] for H <sub>0</sub> > 2250 and H <sub>0</sub> $\leq$ 2850; 4500 [mm] for H <sub>0</sub> > 2850							

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<sub>1</sub> - minimum required side clearance. W<sub>2</sub> - minimum required side clearance. E - minimum garage dopth with clearance under the ceiling. Ls - drive rail length.

### TECHNICAL INFORMATION UniPro Nano80 garage door

Minimum garage door dimensions:

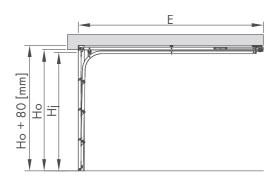
- $S_0 = 1,500$  [mm] and  $H_0 = 1,955$  [mm] garage doors type  $G_0$ ,  $M_0$ ,  $M_0$ ,  $M_0$
- S<sub>o</sub> = 2,230 [mm] and H<sub>o</sub> = 2,040 [mm] garage doors type



#### Available range of dimensions for tracks

Opening height <sup>(1)</sup>		<b>Opening width</b> <sup>(1)</sup> (S <sub>0</sub> ) in [mm] up to														
(H <sub>o</sub> ) 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																

(1) – Ordering dimension.



	Nano80	SStN, SStG, S	SStW, SStK					
C	olour/Structure	all avai colour and structu						
	Dimensions	standard	special					
Nmin	With a drive unit	80 [mm]						
	Sj	S <sub>0</sub> - 40 [mm]						
	With the MOTO drive	H <sub>0</sub> - 80	[mm]					
Hj	With the METRO drive	H <sub>0</sub> - 80	[mm]					
	W1, W2	110 [n	וm]					
F .	With the MOTO drive	L <sub>S</sub> + 600	[mm]					
Emin	With the METRO drive	L <sub>S</sub> + 600	[mm]					
	Ls	2900 [mm] for $H_0 \le$ 2250; 3500 [mm] for $H_0 >$ 2	2250 and $_{HO}$ $\leq$ 2850; 4500 [mm] for H_O > 2850					

**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<sub>1</sub> – minimum required side clearance. W<sub>2</sub> – minimum required side clearance. E – minimum garage dopth with clearance under the ceiling. Ls – drive rail length.

# TECHNICAL INFORMATION UniPro RenoSystem garage door

Minimum garage door dimensions:

- $S_0 = 1,500 \text{ [mm]}$  and  $H_0 = 1,800 \text{ [mm]} \text{garage doors type}$
- $S_0 = 1,500 \text{ [mm]}$  and  $H_0 = 1,900 \text{ [mm]}$  garage doors type  $\mathbf{G}$  ,  $\mathbf{W}$ ,  $\mathbf{W}$



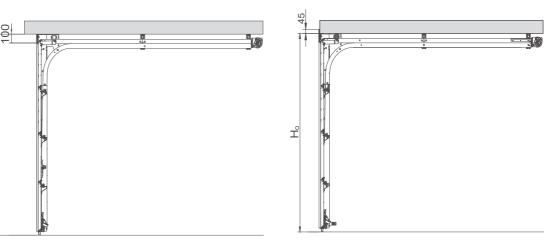
#### Available range of dimensions for tracks

Opening height		Opening width (So) in [mm] up to													
(H <sub>0</sub> ) 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



	St	Installation behind the opening	Installation in the opening				
	Sj	So - 240 [mm] + W1 + W2	So - 240 [mm]				
	manual	H <sub>0</sub> - 210 [mm] + N	Ho - 210 [mm]				
Hj	manual + catcher (1)	H <sub>0</sub> - 150 [mm] + N	Ho - 150 [mm]				
	with a drive unit $^{(1)}$	H <sub>0</sub> – 160 [mm] + N	H <sub>0</sub> - 160 [mm]				
	N <sub>min</sub>	0 [mm]	0 [mm]				
	W <sub>1min</sub> , W <sub>2min</sub>	0 [mm]	0 [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.

r

N - minimum required lintel height. W1 - minimum required side clearance. W2 - minimum required side clearance. E - minimum garage depth with clearance under the ceiling. Ls - drive rail length.

 $^{(1)}$  – When a lock is fitted in the garage door with a safety brake Hj = Ho-190 [mm] + N

## TECHNICAL INFORMATION UniTherm garage door

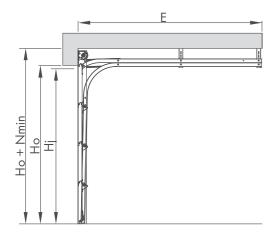
Minimum garage door dimensions: So = 2,000 [mm] and Ho = 1,800 [mm]



#### Available range of dimensions for tracks

Opening height <sup>(1)</sup>		<b>Opening width</b> <sup>(1)</sup> (S <sub>o</sub> ) in [mm] up to															
(H <sub>o</sub> ) 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																	

() - Ordering dimension.



	UniTherm	SSp
Sj		S <sub>0</sub> - 40 [mm]
	Manual	H <sub>0</sub> - 280 [mm]
	Manual + catcher	H <sub>0</sub> - 140 [mm]
Hj	With the MOTO drive	H <sub>0</sub> - 100 [mm]
	With the METRO drive	H <sub>0</sub> - 100 [mm]
W1mi	n, W2min	110 [mm]
_	Manual	H <sub>0</sub> + 400 [mm]
Emin	With the MOTO drive	L <sub>S</sub> + 300
	With the METRO drive	L <sub>S</sub> + 410
Ls		2900 [mm] for $H_0 \le$ 2250; 3500 [mm] for $H_0 >$ 2250 and $H_0 \le$ 2850; 4500 [mm] for $H_0 >$ 2850

#### Minimum lintel height

Standard	Nmin [mm]								
garage door height	S	SSp							
[mm]	Manual	Automatic							
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<sub>1</sub> – minimum required side clearance. W<sub>2</sub> – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

## TECHNICAL INFORMATION UniTherm garage door

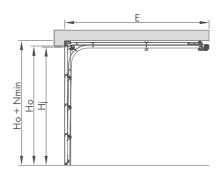
Minimum garage door dimensions: So = 2,000 [mm] and Ho = 1,800 [mm]

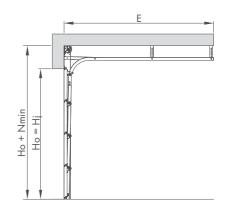


#### Available range of dimensions for tracks

Opening height <sup>(1)</sup>							Opening	width <sup>(1)</sup>	(S₀) in [m	m] up to						
$(H_0)$ 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																

() - Ordering dimension.





	UniTherm	SSt	SSj
Sj		S <sub>0</sub> - 40 [mm]	S <sub>0</sub> - 40 [mm]
	Manual	H <sub>0</sub> - 190 [mm]	-
	Manual + catcher	H <sub>0</sub> - 140 [mm]	Ho
Hj	With the MOTO drive	H <sub>0</sub> - 140 [mm]	Ho
	With the METRO drive	H <sub>0</sub> - 140 [mm]	Ho
W <sub>1min</sub> , V	N <sub>2min</sub>	110 [/	mm]
-	Manual	H <sub>0</sub> + 750 [mm]	H <sub>0</sub> + 400 [mm]
Emin	With the MOTO drive	L <sub>S</sub> +	300
	With the METRO drive	L <sub>S</sub> +	410
Ls		2900 [mm] for $H_0 \le$ 2250; 3500 [mm] for $H_0 >$	2250 and Ho ≤ 2850; 4500 [mm] for Ho > 2850

#### **Minimum lintel height**

Opening	Nmin [mm]											
garage door height	S	St	SSj									
[mm]	Manual	Automatic	Manual	Automatic								
2,000	105	140	400	400								
2,100	105	140	400	400								
2,125	105	140	400	400								
2,200	115	150	410	410								
2,250	105	140	400	400								
2,375	105	140	400	400								
2,500	105	140	400	400								
Custom garage door height	105	140	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<sub>1</sub> – minimum required side clearance. W<sub>2</sub> – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

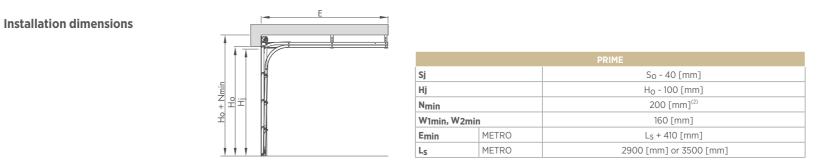
# TECHNICAL INFORMATION **PRIME garage door**

Minimum garage door dimensions: So = 2,000 [mm] and Ho = 1900 [mm]



#### Available range of dimensions for tracks

Opening height <sup>(1)</sup>		<b>Opening width</b> <sup>(1)</sup> (S <sub>o</sub> ) in [mm] up to															
$(H_0)$ 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														-	_		-



**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<sub>1</sub> - minimum required side clearance. W<sub>2</sub> - minimum required side clearance. E - minimum garage depth with clearance under the ceiling. Ls - drive rail length. <sup>(0)</sup> - Ordering dimension. <sup>(2)</sup> - 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.

## 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<sup>™</sup> 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.





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