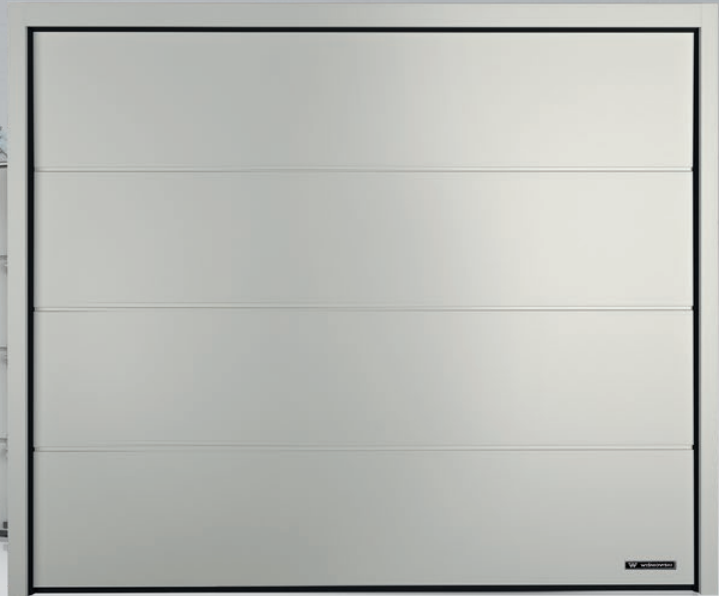


# GARAGE DOORS



**WIŚNIOWSKI**

GATES | WINDOWS | DOORS | FENCES

## SECTIONAL DOORS **UniPro RenoSystem SNP**

**Intended use:** The sectional garage door is our response to the needs of buildings intended for renovation. A number of design solutions solve a multitude of potential issues that could occur during the replacement of the current garage door.

### UNIVERSAL INSTALLATION

Steel panels are made of galvanized sheet, filled with freon-free, hardened polyurethane foam and coated with polyester paint on both sides. This ensures very good thermal insulation and acoustic properties. Each door features a system of flexible and robust gaskets both along the entire circumference and between the panels, which considerably contributes to the insulating qualities of the door.

### SAFETY

The safety systems focus on minimizing all traces of risk. Regardless of the method of operation, WIŚNIOWSKI doors ensure comfort and safety. Our products are fully compliant with the PN-EN 13241-1 standard.

### FUNCTIONALITY

The RenoSystem SNP garage door series takes advantage of tracks fitted with pull springs installed along the vertical tracks, which makes it possible to install the door when there is no lintel.



## STRUCTURE

The RenoSystem garage door is a UniPro sectional door, which has been designed to accommodate a number of difficult installation scenarios. It is also our response to the needs of buildings intended for renovation. Available in a manually- and a power-operated version.

The system comprises a pull spring system (SNP) installed along the vertical tracks, purpose-designed opening frames in an uninsulated and insulated version in the door leaf colour, which ensures an appealing look of the door without the need to perform additional finishing works. The UniPro RenoSystem door is available in three variants for installation in an opening without a lintel, side clearance or with an uneven wall surface. Thanks to the use of angle bars installed by the opening frame, the opening frame seating position can be adjusted in relation to the opening.

The door leaf is made of special panels with a thickness of 40 [mm]. The high quality of the panel surface finish provides optimum protection from weather conditions and ensures many years of operation. With the broad range of colours and models, the door can be matched to any building façade.

**1 Automation solutions**

Proven and reliable automatic operating units: METRO Smart io or MOTO io.

**2 Tracks and opening frames**

Made of galvanized sheet, they provide a stable and durable structure.

**3 Panel hardware in the RAL 9002 colour**

The colour matches the panel colour on the inside.

**4 Photocells**

Prevent uncontrolled door leaf operation when an obstacle is present within the clear passage – optional accessory.

**5 Bottom gasket**

High quality EPDM gaskets perfectly adapt to the shape of the floor and prevent water from penetrating under the door to the inside of the garage.

**Overload safety device**

In automatic doors, the door leaf stops and reverses when the bottom edge contacts an obstacle.

**Double-lip circumferential seal**

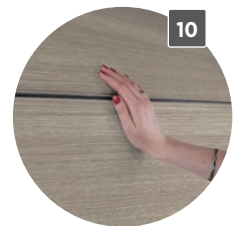
Used as standard, it ensures improved sealing of the door.

**Quiet guiding rollers**

In doors with torsion springs; they ensure proper running of the door.

**Pull springs**

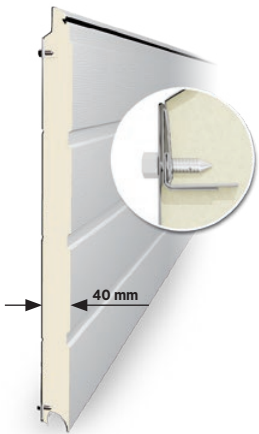
Spring system responsible for balancing out the door leaf weight. The guaranteed minimum number of cycles: 20,000.

**Special panel shape**

Prevents fingers from being crushed.



## PANEL STRUCTURE



### Robust and reliable design

We consistently follow the same design principles for our whole range of sectional garage doors. Thanks to our robust and reliable design, you can rest assured that the door will meet even the most extreme requirements and withstand the most demanding operating conditions. Special solutions, such as the original panel built using the **5-ply sheet bending system** ensures stable fixation of elements, which further contributes to the strength of the structure. The top section is fitted with a lip gasket. The inner side of the panel in a colour similar to RAL 9002. Thermal transmittance factor of the panel  $U_p = 0.48 \text{ W/m}^2\text{K}$

## RIB TYPES



G - without ribs



W - high ribs



N - low ribs



V - V ribs

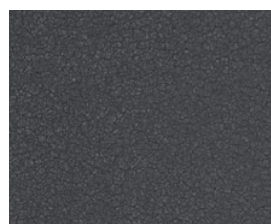
## TEXTURES



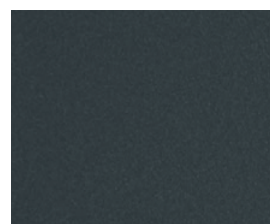
Woodgrain



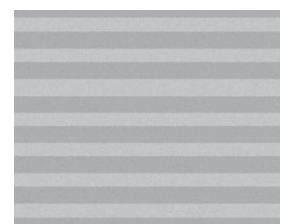
Smoothgrain



Sandgrain



Silklime



Silklime, panel with V ribs





### AVAILABLE COLOURS:

 Anthracite sandgrain	 Golden Oak woodgrain	 Walnut woodgrain	 Graphite RAL 7016 woodgrain	 Graphite RAL 7016 silkline	 Black RAL 9005 silkline
 Brown RAL 8014 woodgrain	 Silver RAL 9006 woodgrain	 Silver RAL 9006 silkline	 White RAL 9016 woodgrain	 White RAL 9016 silkline	 Golden Oak smoothgrain
 Walnut smoothgrain	 Anthracite Grey 701605-167 smoothgrain	 Cream white 137905-167 smoothgrain	 Dark Green 612505-167 smoothgrain	 Metbrush silver F436-1002 smoothgrain	 Silbergrau 116700 smoothgrain
 White 915205-168 smoothgrain	 Chocolate Brown 887505-1167 smoothgrain	 Anthracite Quartz 436-1014 smoothgrain	 AnTEAK 3241002-195 smoothgrain	 Dark Oak 2052089-167 smoothgrain	 Swamp Oak 3167004-167 smoothgrain
 Summer Cherry 3214009-195 smoothgrain	 Macore 3162002-167 smoothgrain	 Oregon 1192001-167 smoothgrain	 Sapelli 2065021-167 smoothgrain	 Siena noce 49237 PN smoothgrain	 Siena PL 49254-015 smoothgrain
 Siena rosso 49233 PR smoothgrain	 Winchester 49240 XA smoothgrain	 Black Cherry 3202001-167 smoothgrain	 Natural Oak 3118076-1168 smoothgrain	 Douglas Fir 3152009-1167 smoothgrain	 Rustic Oak 3149008-167 smoothgrain
 Sheffield oak brown F 436-3087 smoothgrain	 Sheffield oak light F 456-3081 smoothgrain	 Sheffield oak grey F 436-3086 smoothgrain	 Brush schwarzbraun F436-1023 smoothgrain	 Earl platin 119500 smoothgrain	 Black ulti-mat PX47097 smoothgrain
 Woodec Turner Oak Malt F4703001 smoothgrain	 Woodec Sheffield Oak Alpine F4703002 smoothgrain	 Woodec Sheffield Oak Concrete F4703003 smoothgrain	 Umbragrau F436-6065 smoothgrain	 Fenstergrau F436-6066 smoothgrain	 Cremeweiss F456-6001 smoothgrain
 Anthrazitgrau F436-6003 smoothgrain	 Dark grey silk 4367003 smoothgrain	 Golden Oak 2178001-167 smoothgrain	 Walnut 2178007-167 smoothgrain	 Anthracite Quartz Matt F4701014 smoothgrain	 Woodec Turner Oak Toffee F4703004 smoothgrain
 Irish Oak 3211305-1148 smoothgrain	 Sable Noir 2100 silkline	 Sable Noir 2100 woodgrain	 <p>Our paint range includes over 200 colours from the RAL palette.</p> <p>Film coatings available with garage doors with the panel: G - without ribs or W - with high ribs</p>		

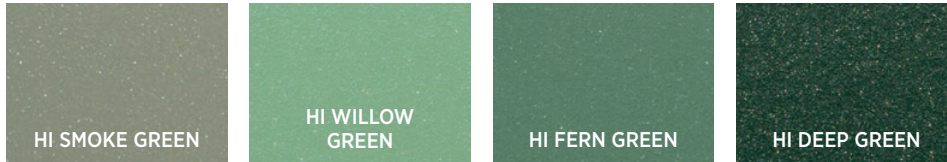




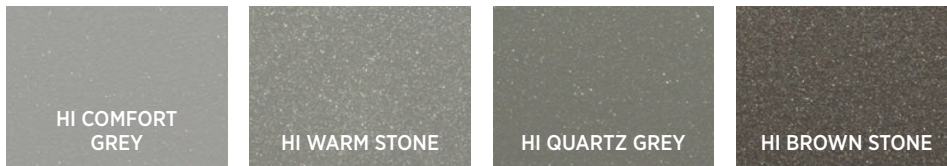
## HOME INCLUSIVE 2.0 colours

The Home Inclusive 2.0 colour collection combines four product groups: Gates | Windows | Doors | Fences, which provide a consistent design of all the products.

### HI EARTH



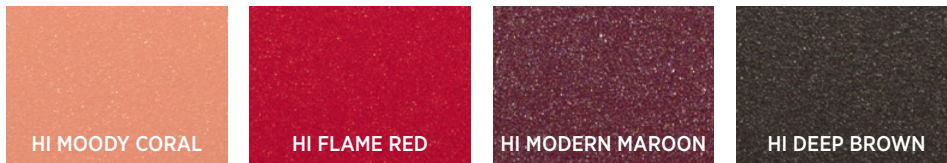
### HISTONE



### HISTEEL



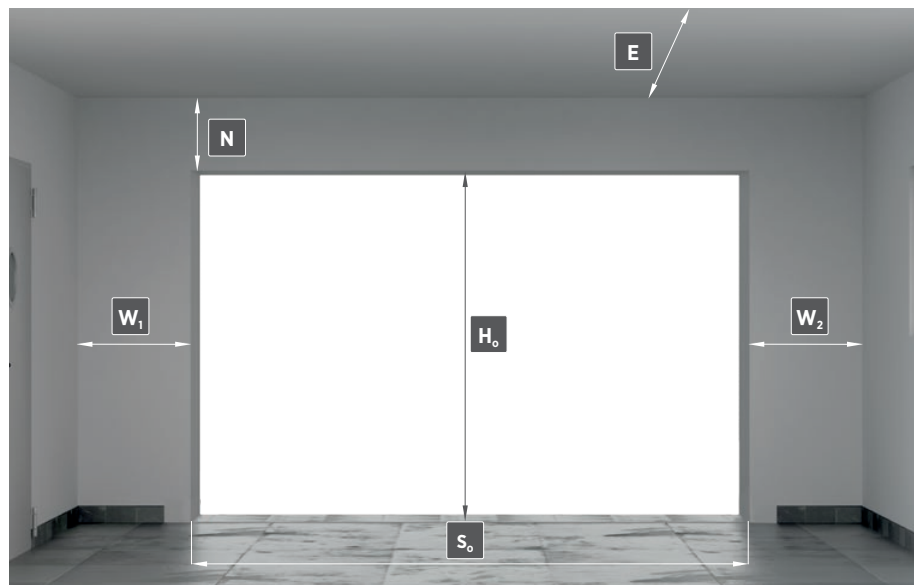
### HIRUBY



Doors in light colours should be fitted on the side exposed to sunlight. It is not recommended to fit dark colour doors in such conditions, in particular RAL: 3007, 4006, 4007, 5004, 5008, 5010, 5011, 5020, 5022, 6008, 6009, 6015, 6022, 7015, 7016, 7021, 7024, 7026, 7043, 8014, 8019, 8022, 9004, 9005, 9011, 9017, 9021, Anthracite, Nut Brown, Macore, Dark Oak, Swamp Oak, Siena Noce, Siena Rosso, Quartz Anthracite, Summer Cherry, Sapeli, Dark Green, Sheffield Oak Brown, Rustic Oak, Chocolate Brown, Black Ulti-Mat, Brush Schwarzbraun, Umbragrau, Anthrazitgrau. When a dark colour is chosen for doors installed on the side exposed to sunlight, the panels can heat up excessively, which may result in deformation. The door leaf cannot be painted from the inside. When ordering doors in matching colours in different orders (delivery batches), the colour hues can differ due to technological reasons.

## INSTALLATION DIMENSIONS

- S<sub>o</sub>** - opening width, ordering dimension
- H<sub>o</sub>** - opening height, ordering dimension
- 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





**UniPro RenoSystem**

This solution comprises a pull spring system (SNP) installed along the vertical tracks, purpose-designed opening frames in an insulated and uninsulated version, as well as fascia panels in a colour matching the door leaf. Available in three versions adapted to different installation conditions.

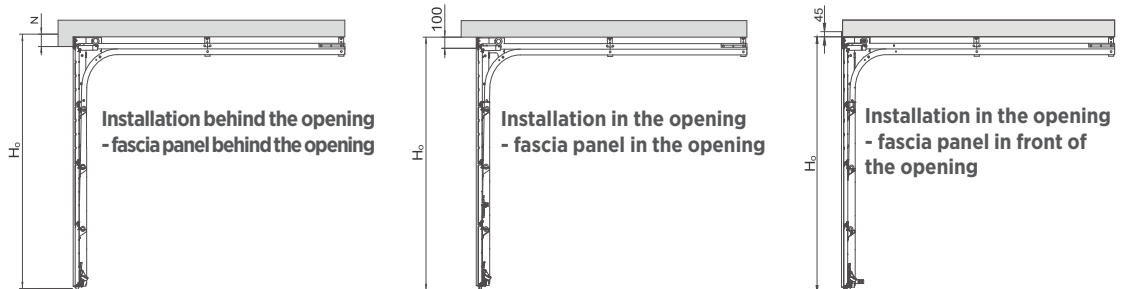
- Minimum garage door dimensions:
- $S_o = 1,500$  [mm] and  $H_o = 1,900$  [mm].

**Available range of dimensions for tracks**

Opening height (Ho) in [mm] up to	Opening width (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
2,000														
2,100														
2,125														
2,200														
2,250														
2,375														
2,500														
2,625														
2,750														
2,875														

<sup>(1)</sup> - Ordering dimension.

**Installation dimensions**



SN		Installation behind the opening	Installation in the opening
Sj		$S_o - 240$ [mm] + $W_1 + W_2$	$S_o - 240$ [mm]
Hj	manual	$H_o - 320$ [mm] + N	$H_o - 320$ [mm]
	manual + catcher	$H_o - 240$ [mm] + N	$H_o - 240$ [mm]
	with a drive unit	$H_o - 220$ [mm] + N	$H_o - 220$ [mm]
Nmin		0 [mm]	0 [mm]
W1min, W2min		0 [mm]	0 [mm]
S		$S_o - 200$ [mm] + $W_1 + W_2$	
H		$H_o - 100$ [mm] + N	
If: $N > 100$ [mm] assume 100 [mm]; $W_1 > 100$ [mm] assume $W_1 = 100$ [mm]; $W_2 > 100$ [mm] assume $W_2 = 100$ [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. **W1** - minimum required side clearance. **W2** - minimum required side clearance. **E** - minimum garage depth with clearance under the ceiling.



## INSTALLATION OPTIONS

### 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



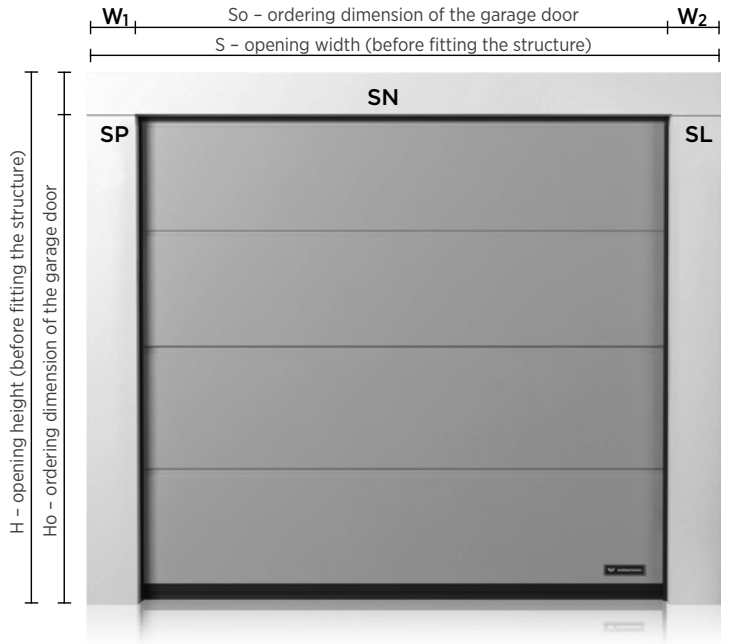
## SECTIONAL DOOR INSTALLATION STRUCTURE

This solution makes it possible to install the door when the opening does not meet the product fitting requirements, i.e. when there is no side clearance and no lintel. It acts as a framework. The structure can be customized depending on which area is missing. It is made of steel and galvanized sections in a colour matching the garage door curtain.

### Available element configurations

a) SL+SP+SN | b) SL+SN | c) SP+SN | d) SP+SL | e) SN | f) SP | g) SL

SL - left post (steel section 100x40x3mm, width x height x wall thickness)  
 SP - right post (steel section 100x40x3mm, width x height x wall thickness)  
 SN - fake lintel (steel section structure)  
 W1 W2 - side clearance = 100 mm



## VERTICAL FASCIA PANELS

Fixed elements made of sectional door panels, finished with steel sheet hardware and with a bottom seal in the panel. Available in all colours, structures, and ribs available for sectional doors.

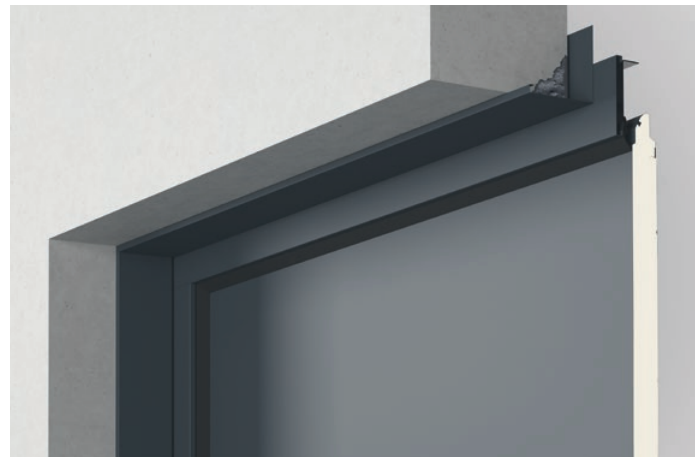
Range of dimensions:

- for widths **360-2,600 [mm]** - height 1,900-3,000 [mm] with panels G, W, V; for heights 1700-3000 [mm] with panel N
- for widths **2,601-3,000 [mm]** - height 1,900-2,600 [mm] with panels G, W, V; for heights 1,700-2,600 [mm] with panel N



## RENOVATION FASCIA PANELS

Renovation fascia panels made of steel sheet 0.5 [mm] thick. Cover sections of the installation opening, e.g. damaged during the garage door replacement. Available with silklime, smoothgrain, and sandgrain structures in the door curtain colour. Max. length of a single section is 3,000 [mm].







### GLAZING VISUAL



Aluminium panel without a thermal break with a clear acrylic glass without glazing bars. The door is available with one or two VISUAL panel glazings. Available with garage door widths up to  $S_o=3,000$  [mm]. Not available with a wicket door.

### GLAZING HORIZON



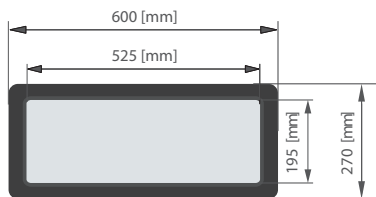
Aluminium panel without or with a thermal break, for doors  $S_o \leq 3,000$  without glazing bars, for doors  $S_o > 3,000$  with a single glazing bar. The Horizon panel height is 215-250 [mm] depending on the total height of the door. The panel is painted on both sides in the colour of the external part of the door. An aluminium panel without a thermal break can be fitted with LED strip lighting.

### ALUMINIUM PANEL GLAZING



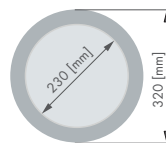
The UniPro garage door is available with an aluminium panel glazing without or with a thermal break. The panel is fitted with a double acrylic glass - a 21 [mm] glass unit. The garage door can be fitted with one or two aluminium panels.

### PORTHOLES/GLAZING



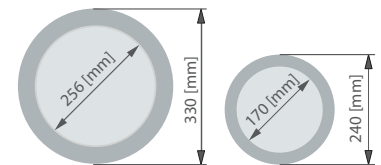
**Type A-1**

**Type A-1** - made of double, clear acrylic glass, with a rough frame surface. The external frame is available in RAL 7016, RAL 8003, RAL 8011, RAL 8014, RAL 8017, RAL 9005, RAL 9016. The internal frame is always white. Internal/external frame made of PVC. External dimensions of the frame: 600 x 270 [mm]. Light transmission 86%.



**Type O**

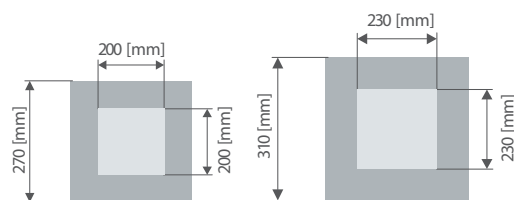
**Type O** - infill: double, opaque acrylic glass; frame: PVC, smooth; external colour RAL 7016, RAL 8003, RAL 8011, RAL 8014, RAL 8016, RAL 9005, RAL 9016, (internal always white). Not available with doors with caisson ribs.



**Type O-1A**

**Type O-2A**

**Type O-1A, O-2A** - infill: triple, clear, acrylic glazing unit; frame (ext./int.): stainless steel, satin. Not available with doors with caisson ribs. Available with doors up to  $S_o=3,750$  mm.



**Type R-1A**

**Type R-2A**

**Type R-1A, R-2A** - infill: triple, clear, acrylic glazing unit; frame: stainless steel, satin. Not available with doors with caisson ribs. Available with doors up to  $S_o=3,750$  mm.

### VENTILATED PANEL



Aluminium panel without a thermal break or with a thermal break, infilled with expanded mesh. The door can be fitted with only one ventilated panel.



### GLASS

Intended use: for double glazing of glazed aluminium panels and VISUAL glazing.



#### No-Scratch

Glass pane with a special coating improving its strength, very good resistance to scratching and sun-light compared to the standard glazing.



#### Satin

Glass with a milky white tint. Double glazed pane opaque from the outside and clear from the inside. Light transmission 78%.



#### Glass pane SAN R

Opaque (so-called frosted) double glazed pane clear from the inside. Light transmission (77-79%).



#### Grey

Clear glass with a slight brown tint. Double glazed pane, clear from the inside, non-coloured from the inside. Light transmission (51%).

### LOCK/HANDLE

The lock is fitted with a single-side lock cylinder, the lock cylinder is accessible from the outside (three keys), from the inside the lock is operated with a latch. On the outside of the door leaf, a plastic handle with a cover plate type PVC-1 or KL-2 is fitted. A black plastic handle is installed on the inside. The lock is not available with the handle installed on the outside in the middle part of the door.

The PVC-1 handle is available in black. The KL-2 handle is available in the following colours:

- **MAT** - RAL 9005, RAL 9016, RAL 8014.
- **GLOSS** - RAL 9006, RAL 1036, RAL 1035, RAL 7048.



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



Standard handle



## EXAMPLE UniPro RenoSystem DESIGNS

### GLAZING



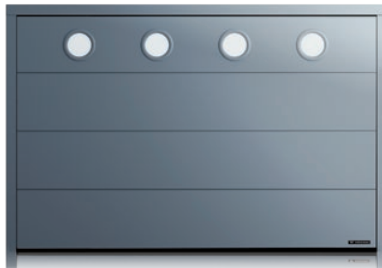
Garage door with portholes - type A-1



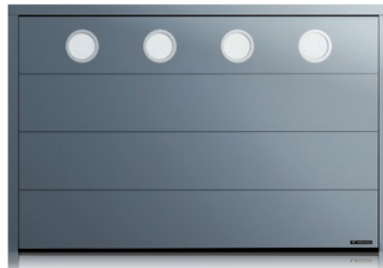
Garage door with portholes - type C-1



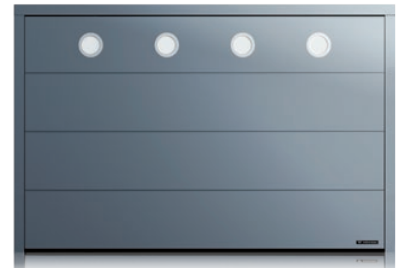
Garage door with portholes - type E-1



Garage door with portholes - type O



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



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



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



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



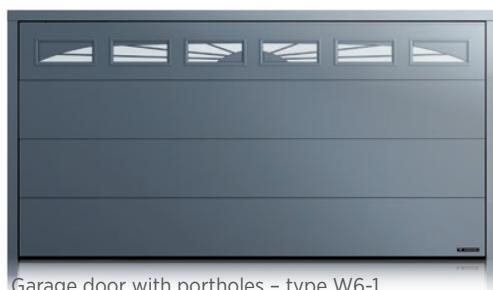
Garage door with portholes - type W3-1



Garage door with portholes - type W4-1



Garage door with portholes - type W5-1

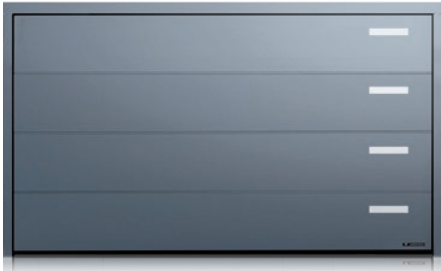


Garage door with portholes - type W6-1





### DECORATIVE MOTIFS



Type Ap-1



Type Ap-2



Type Ap-3



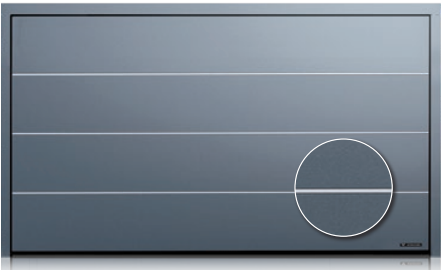
Type Ap-4



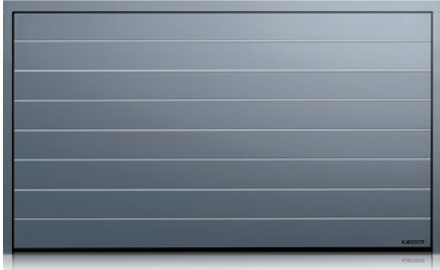
Type Ap-5



Type Ap-6



Type Ap-7 in garage doors with panels without ribs

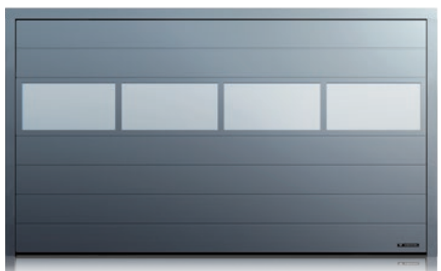


Type Ap-7 in garage doors with panels with high ribs



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.

### OTHER MANUFACTURING OPTIONS



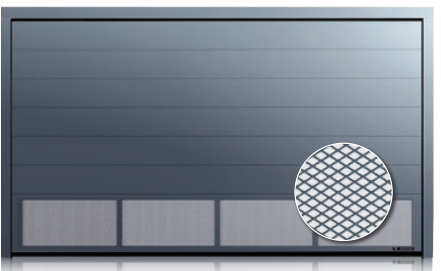
Garage door with an aluminium panel glazing



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



Garage door with the HORIZON glazing



Garage door with a ventilated panel - expanded mesh





## AUTOMATIC OPERATING UNIT KITS

The Moto RTS and Metro RTS series drive units are dedicated for garage doors and ensure full functionality and overload protection as standard.

The EXTENDED CARE warranty 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.



Drive unit type		METRO smart io	MOTO io
			
Technical data	Power supply / Motor	220-230V, 50/60Hz / 24V DC	220-230V, 50/60Hz / 24V DC
	Force	800N / 1000N	600N / 750N
	Power consumption (power-saving mode)	< 0,5 W	< 0,5 W
	Efficiency	30%	30%
	Track	single, steel	single, steel
	Transmission	chain or belt*	chain or belt*
	Speed	max. 14 cm/s	max. 14 cm/s
	Central control unit	integrated	integrated
	Radio receiver	io-homecontrol; integrated: 868-870 MHz	io-homecontrol; integrated: 868-870 MHz
	Radio receiver storage:	30 transmitters	30 transmitters
	Two-way radio transmission	yes	yes
	Auto selection of operating parameters	yes	yes
	Limit switches	encoder + mechanical bumper	encoder + mechanical bumper
	Emergency uncoupling	yes	yes
	Application	sectional / up and over	sectional / up and over
	Operating conditions	-20°C / +60°C ; IP20	-20°C / +60°C - in a dry room
	Wicket door opening sensor	yes	yes
	Rotating automatic operating unit head	yes	yes
Warranty	5 years	3 years	
Functionality	Obstacle detection	yes	yes
	Obstacle detection adjustment	4 adjustment levels	4 adjustment levels
	Action following obstacle detection	stop and full opening	stop and full opening
	Photocells	yes	yes
	Automatic closing	60 sec. / 120 sec. or after photoc.	yes, only with TaHoma Pro
	Release in end position	yes	yes
	Low energy consumption mode	yes	yes
	Independent exterior lighting	yes / 230V, 500 W	no
	Exterior lighting control	yes	no
	Auxiliary warning light	yes / 24V, 15 W	yes / 24V, 15W
	Delayed drive unit light switch off	yes / fixed - 60 s	yes / fixed - 30 s
	Independent lighting control in the drive unit	yes	yes
	Emergency power supply	yes	yes
	Display / LEDs	no / yes	no / yes
	Partial opening of the door - slightly open	yes	yes
	Information about a fault	yes, LEDs	yes, LEDs
	Smart home	yes, io-homecontrol technology <sup>(1)</sup>	yes, io-homecontrol technology <sup>(1)</sup>

<sup>(1)</sup> - for full functionality, the TaHoma switch is required.

\* Extra charge.



## OPTIONAL ACCESSORIES

### WALL-MOUNTED TRANSMITTER



The 3-channel transmitter makes it possible to control drive units and wireless receivers.

Examples of use:

- - full opening/closing the door,
- - LED lighting under the tracks, and/or under the track fastener,
- - top panel tilt.

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

### KEYPAD 2 CODE KEYPAD



The 2-channel code keypad makes it possible to control drive units and wireless receivers.

### EXTERNAL RADIO RECEIVER io



Makes it possible to control the drive units of other manufacturers using the Pulsar transmitter. It is a two-channel device which makes it possible to program as many as 32 transmitters.

### BACKUP POWER SUPPLY BATTERY



When connected to the METRO Smart io and MOTO io drive, it provides power for several cycles of emergency operation.

### MECHANICAL CARRIAGE LOCK



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

### SIGNAL LIGHT



Supports the METRO Smart io and MOTO io drive units. Warning function. Orange blinking light indicates that the door is operating.

### EXTERNAL CODE KEYPAD



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

### PHOTOCELLS



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

\* In the case of installation of a UniPro RenoSystem door in the opening (fascia in the opening or in front of the opening), installation of the photocells inside on the frame





## UniPro SECTIONAL DOOR



UniPro RenoSystem | RAL 9004 | silkline



UniPro RenoSystem | anthracite | sandgrain



## TECHNICAL DATA

	UniPro RenoSystem
Leaf	A panel made of galvanized steel sheet with two-side polyester coating, galvanized and painted on both sides, infilled with high density PU foam $\rho=42 \text{ kg/m}^3$ without HCFC
Minimum number of cycles	20,000 cycles
Thermal transmittance factor U of the panel [W/m <sup>2</sup> ·K]	0.48
Watertightness class	2 in accordance with EN 13241:2003+A2:2016
Wind load resistance class	3 in accordance with EN 13241:2003+A2:2016
Air permeability class	4 in accordance with EN 13241:2003+A2:2016
Sound reduction index Rw [dB] without a wicket door / with a wicket door	23 / 24 in accordance with PN-EN ISO 717-1: 1999
Safety features	The special shape of the panel prevents fingers from getting crushed, optional accessory: photocells.
Optional accessories	Three installation options, electric drive, ventilated panel, glazing with an aluminium panel, VISUAL glazing without glazing bars, HORIZON glazing, portholes, glass panes: No-Scratch, GREY, SATIN, SAN R, ventilation grilles, auxiliary lock, photocells, transmitter.
Maximum width / height of the door [mm]	4,750 / 2,875
Available panel rib designs	low ribs, high ribs, V, without ribs
Available panel structures	woodgrain, smoothgrain, sandgrain, silkline
Available colours:	other RAL, special colours, including wood imitating colours, (film coated panels)
Track type	SNP

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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 METRO io drive units to the smart home system controlled by the selected 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.



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