# **GARAGE DOORS**





# 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 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.



#### STRUCTURF

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 facade.



#### Overload safety device

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



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 Up= 0.48 W/m²K]

#### **RIB TYPES**







W - high ribs



N - low ribs



V - V ribs

### **TEXTURES**





Smoothgrain



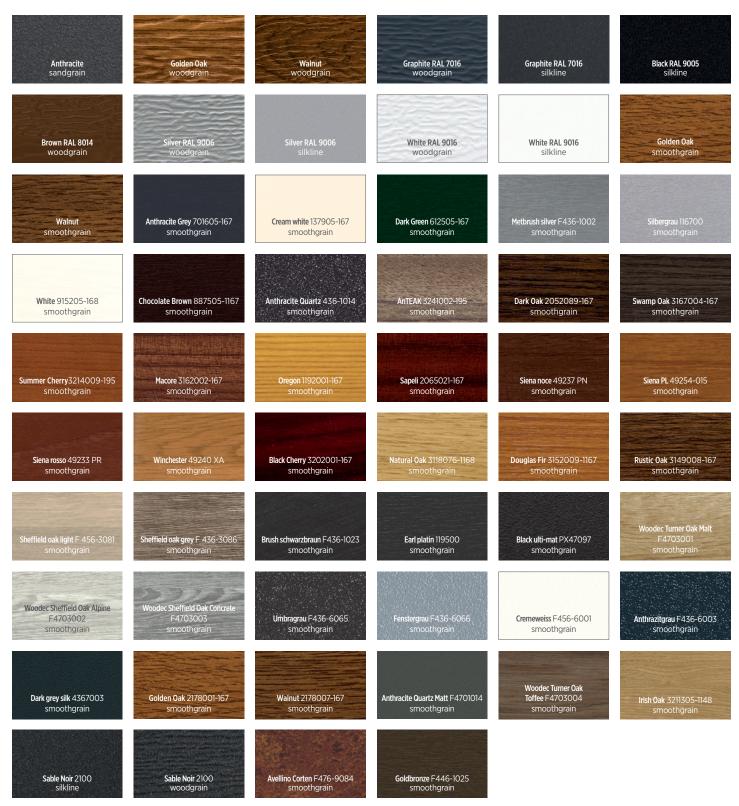




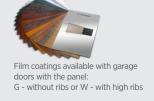
Silkline, panel with V ribs



### **AVAILABLE COLOURS:**









#### **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.

#### HIEARTH





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.

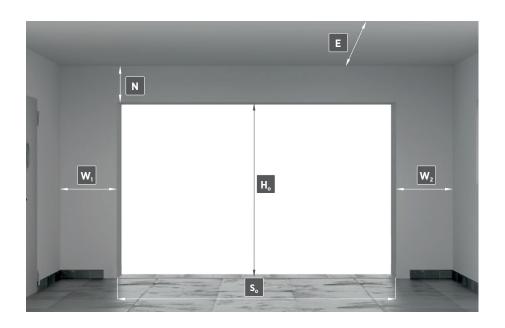
#### **Special colours** from the HI palette:





### INSTALLATION **DIMENSIONS**

- So opening width, ordering dimension
- H<sub>o</sub> opening height, ordering dimension
- N minimum required lintel height
- minimum required side clearance
- minimum required side clearance
- minimum garage depth with clearance under the ceiling







#### UniPro RenoSystem

This solution comprises a pull spring system (SNP) installed along the vertical tracks, purposedesigned 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

Minimum garage door dimensions:

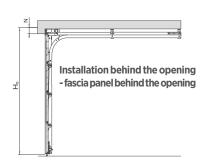
•  $S_0 = 1,500 \text{ [mm]}$  and  $H_0 = 1,900 \text{ [mm]}$ .

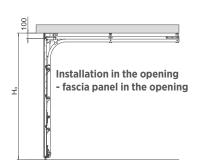
#### Available range of dimensions for tracks

<b>Opening height</b> (H <sub>O</sub> ) in [mm] up to	Opening width (S <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
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		So - 240 [mm] + W <sub>1</sub> + W <sub>2</sub>	So - 240 [mm]			
	manual	H <sub>O</sub> - 320 [mm] + N	H <sub>O</sub> - 320 [mm]			
Hj	manual + catcher	H <sub>O</sub> - 240 [mm] + N	H <sub>O</sub> - 240 [mm]			
	with a drive unit	H <sub>O</sub> - 220 [mm] + N	H <sub>0</sub> - 220 [mm]			
N <sub>min</sub>		0 [mm]	0 [mm]			
W <sub>1min</sub> , W <sub>2min</sub>		0 [mm]	0 [mm]			
S		So - 200 [mm] + W <sub>1</sub> + W <sub>2</sub>				
	н	Ho - 100 [mm] + N				
If: N>100 [mm] assume 100 [mm]; W1>100 [mm] assume W1 = 100 [mm]; W2>100 [mm] assume W2 = 100 [mm]						

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. Ho – opening height, ordering dimension. Hj – clear passage height after garage door installation. N - minimum required lintel height. W<sub>1</sub> - minimum required side clearance. W<sub>2</sub> - 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

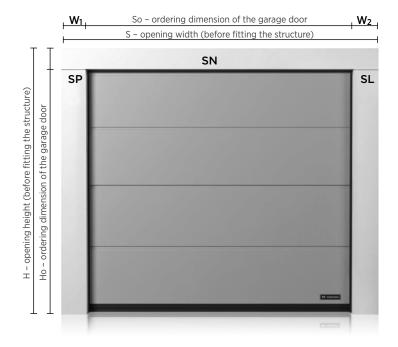
This solution makes it possible to install the door when the opening does not meet the product fitting requirements, i.e. when there is no side clearance and no lintel. It acts as a framework. The structure can be customized depending on which area is missing.

It is made of steel and galvanized sections in a colour matching the garage door curtain.

#### **Available element configurations**

a)  $SL+SP+SN \mid b$ )  $SL+SN \mid c$ )  $SP+SN \mid d$ )  $SP+SL \mid e$ )  $SN \mid f$ )  $SP \mid g$ ) 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 silkline, smoothgrain, and sandgrain structures in the door curtain colour. Max. length of a single section is 3,000 [mm] or 4,000 [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 So-3,000 [mm]. Not available with a wicket door

#### **GLAZING HORIZON**



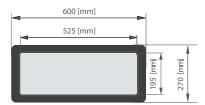
Aluminium panel without or with a thermal break, for doors So≤3,000 without glazing bars, for doors So>3,000 with a single glazing bar. The Horizon panel height is 215-250 [mm] depending on the total height of the door. The panel is painted on both sides in the colour of the external part of the door. 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

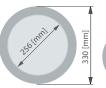
**Type A-1** – made of double, clear acrylic glass, with a rough frame surface. The external frame is available in RAL 7016, RAL 8003, RAL 8011, RAL 8014, RAL 8017, RAL 9005, RAL 9016. The internal frame is always white. Internal/external frame made of PVC. External dimensions of the frame: 600 x 270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

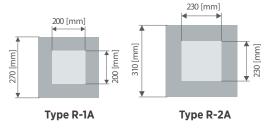




Type O-1A

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 So=3,750 mm.



**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 So=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 sunlight 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







#### **DECORATIVE MOTIFS**







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

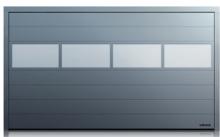


Type Ap-7 in garage doors with panels with high ribs



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



- 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 METRO Smart io and MOTO io series drive units are dedicated for garage doors and ensure full functionality and overload protection as standard.

The EXTENDED CARE warranty allows you to extend the standard warranty for a complete product - an automatic sectional door up to 5 years, provided it is factory-configured with the METRO Smart io or MOTO io drive unit.



Drive unit type		METRO smart io	мото io			
	Power supply / Motor	220-230V, 50/60Hz / 24V DC	220-230V, 50/60Hz / 24V DC			
	Force	800N / 1000N	600N / 750N / 1000N			
	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			
Technical data	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			
schr	Two-way radio transmission	yes	yes			
Te	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	5 years			
	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			
alit	Independent exterior lighting	yes / 230V, 500 W	no			
ioi	Exterior lighting control	yes	no			
Functionality	Auxiliary warning light	yes / 24V, 15 W	yes / 24V, 15W			
ш	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>			

 $<sup>^{\</sup>mbox{\tiny (1)}}$  – for full functionality, the TaHoma switch is required.

<sup>\*</sup> 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.

<sup>\*</sup> 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 $g=42 \text{ kg/m}^3$ without HCFC				
Minimum number of cycles	20,000 cycles				
Thermal transmittance factor U of the panel [W/m²xK]	0.48				
Watertightness class	2 in accordance with EN 13241				
Wind load resistance class	3 in accordance with EN 13241				
Air permeability class	4 in accordance with EN 13241				
Sound reduction index Rw [dB] without a wicket door / with a wicket door	23 / 24 in accordance with PN-EN ISO 717-1: 2020				
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				

#### CONTROL THE GARAGE DOOR WITH YOUR SMARTPHONE!

#### TaHoma - Your smart home

The io-homecontrol® system with radio transmission makes it possible to wirelessly connect the METRO Smart io and MOTO io drive units to the smart home controlled by Somfy's TaHoma Switch central

control unit. Building a comprehensive smart home provides a number of benefits and additional features that enhance your comfort every single day. The app gives you constant access to the most important functions of the elements of your home.



# The WIŚNIOWSKI Connected app – new quality as standard

When you choose WIŚNIOWSKI Connected, you don't need a smart home central control unit. WIŚNIOWSKI garage doors with the SPARK drive unit are ready to connect as standard – you can connect them to the smart home without any additional devices or extra charges. WIŚNIOWSKI Connected uses Wi-Fi instead of radio transmission and the app allows you to control the garage door from almost any place in the world.





WIŚNIOWSKI Sp. z o.o. S.K.A. PL 33-311 Wielogłowy 153 tel. +48 18 44 77 111

www.wisniowski.pl/en

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