


NEW GENERATION OF SECTIONAL DOORS

# P R I M E



NEW METRO

 WIŚNIEWSKI POWERED BY 



WIŚNIEWSKI

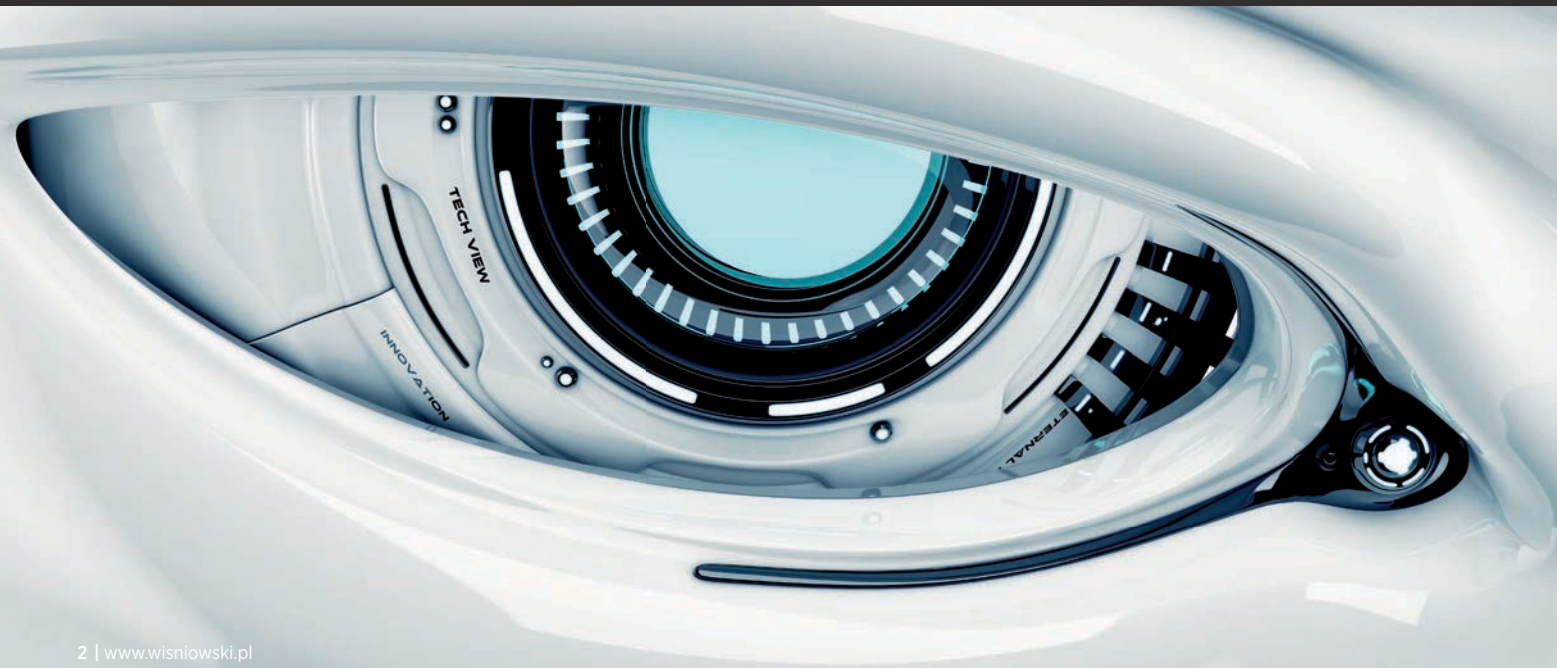
# Prime **DISCOVER PERFECTION**

Imagine a new-generation garage door. A door which is not a conversion of solutions to date, but a creative effect of a quest for the balance of state-of-the-art technology, quality, safety and design.

This is what the PRIME door is: innovative, perfected in every detail, and meeting your demands even before you can define them. It is a fully equipped and automatic door that will make you confident of the best choice there is everyday you reach for the remote.

PRIME is unparalleled, and its classic design lines are just a hint of what the smartly designed interior of the door hides.

**Be the first, be PRIME. Learn the genuine advantages of the unique PRIME door!**





WISNIEWSKI





## The original INNOVO panel **THE ESSENCE**

By designing the unique solution that is PRIME, we reached down to the structural core of what a sectional door is. Our idea was to achieve the best insulation performance possible with a superior aesthetic effect inside of the garage, and exceptional level of safety of use.

This is how the world's unique INNOVO panel was born. Its closed structure and 5 layers of folded sheet steel at the hinges assure structural rigidity, while the filling made of a highly insulating 60 mm thick foam along with special covers and seals give the excellent thermal insulation performance.

This panel structure allowed us to build a perfect door curtain that makes the PRIME door an innovative technological breakthrough.

**INNOVO  
PANEL  
60 mm**



- 1 flexible panel joint cover
- 2 aluminium profile for fastening flexible covers
- 3 five steel layers at the hinge fastening
- 4 panel joint seal
- 5 concealed hinge
- 6 PU foam

Panel cross-section with the panel joint cover installed on the inner side of the door curtain.



# New DESIGN TRENDS

PRIME is universal aesthetics with a sense of comfort, high value and modern luxury. That is how PRIME defines the new design philosophy in its class.

The PRIME design has the key features which can be defined as minimalist on its own - clean lines and a synthesis of form, both of which reflect the aesthetic attitude of modern architecture.

The PRIME form seemingly becomes a background. With a perfect internal design, the sectional door surprises with state-of-the-art engineering solutions and the wide gamut of finishes which conceal the moving parts. Each detail has been flawlessly perfected to confirm the conceptual continuity of the design time and become the absolute essence of design.





Coated  
parts of  
**THE STRUCTURE**

Perfectly  
refined  
**DETAILS**



# Perfect **IN EVERY DETAIL**

PRIME is a design focused on elegant and timeless simplicity to break the purely functional convention that has been predominant in garage doors. We have designed PRIME with attention to every single detail, because perfection depends on details.



**WIŚNIO**  
P R I M E

Perfectly  
**BUILT**

# An icon of **SAFETY**

PRIME does away with safety stereotypes. It is not simply a vision of a high aesthetic garage door, it is also our reflection of care for safety.

PRIME is an end-to-end approach to safety and security: we have applied the technology not only to protect, but first to prevent hazards. The numerous advanced safety systems of the structural parts and mechanisms help protect all users and make your home a safer place.

With a perfectly integrated drive system, PRIME is a technological precursor every detail of which demonstrates the inextricability of quality and safety.







# A new definition of **SAFETY**

The individual systems which make a safe garage door are interdependent and interact with specific structural parts. They include, among others, fixed guide covers, moving roller covers, the integrated spring shaft cover, the shaft side covers and the spring covers, as well as the inner covers at the panel joints.



1. Shaft side covers



2. Flexible panel joint covers



3. Vertical guide covers



4. Integrated shaft and spring cover



5. External optical sensors



6. Moving roller and guide covers



7. Photocells

# Revolutionary **INSULATED**

Thermal insulation is what makes PRIME stand out and qualify the door among the products recommended for energy-saving or even passive buildings. PRIME answers the demand for maximised energy gain and the minimised thermal losses of buildings.

Achieving this performance in a garage door required the lowest heat transfer coefficient attainable.

PRIME fully benefits from the thermal insulation properties of the INNOVO panels and the PRIME sealing systems to eliminate heat losses at the 'thinnest' points across the door curtain.





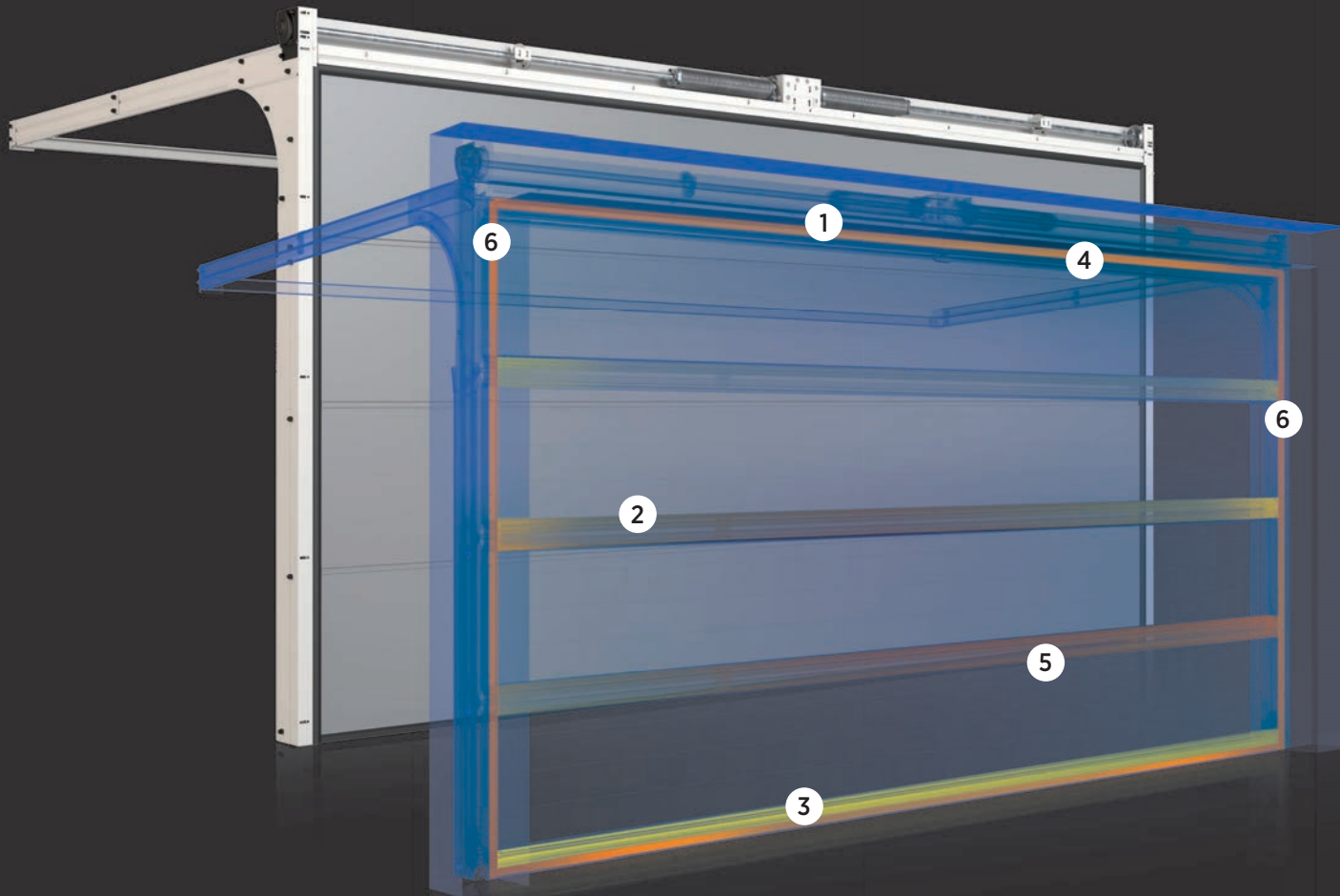
# The crown arguments of **EFFICIENT INSULATION**

The U index of the INNOVO panel is  $0.37 \text{ W/m}^2\text{K}$ , which translates into the thermal insulation performance of the whole door. The new panel, **the double top and bottom seals of the door curtain** and **the panel joint covers** helped us achieve an excellent heat transfer coefficient of  $0.79 \text{ W/m}^2\text{K}^*$ .



\* Parameters given for a garage door sized 5500 mm x 2250 mm and certified by the tests at the Building Research Institute.

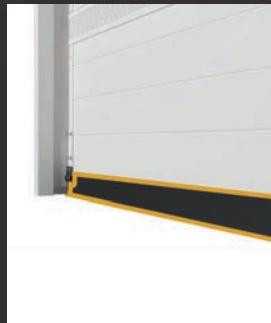




1. Additional inner cover



2. Flexible panel joint covers



3. Double bottom seal



4. Top seal in the fascia



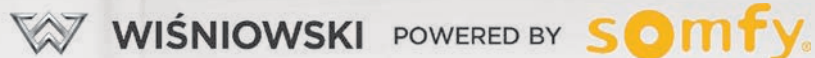
5. Panel joint seals



6. Side seals

# Drive unit **METRO**

**METRO** is a new generation of drive units. It is a harmonious combination of power, beauty and reliability, designed with state-of-the-art technologies. It is also a result of cooperation between **WIŚNIEWSKI** and **Somfy**, a leading global manufacturer of automation products and smart controls for home equipment. METRO features functions with outstanding technical parameters in an enclosure designed according to the WIŚNIEWSKI styling standards.



**EASY PROGRAMING** - LCD display and many configurable parameters.

**OPTICAL PROTECTION SYSTEM** - Ensures optimum safety whenever obstacles cross the monitoring field of the system.

**OVERCURRENT OBSTACLE DETECTION** - An overload protection system stops and reverses the door curtain closing movement when the bottom edge touches an obstacle.

**SILENT RACK RAIL** - The door runs smoothly and with a low noise; a very important advantage in garages directly adjacent to the home building or close to bedrooms.

**RTS RF PATH** - An excellent solution based on an innovative technology from Somfy which enables installation and extension of the drive system without



TRANSMITTER **PULSAR**

The Pulsar transmitter enables remote control of the garage door and programming up to 4 different devices. It is made of extremely durable materials, which ensures long life. Ergonomic pad allows mounting the remote control at any place, such as wall or car dashboard.

modifying the door wall structure. It is a perfect choice for new buildings, as well as home renovation or upgrade projects. Intuitive programming and the LCD display facilitate adjustment of operating parameters for an optimum configuration of drive unit functions.

**EMERGENCY BATTERY UNIT** - Keeps the door operational when the mains are out.

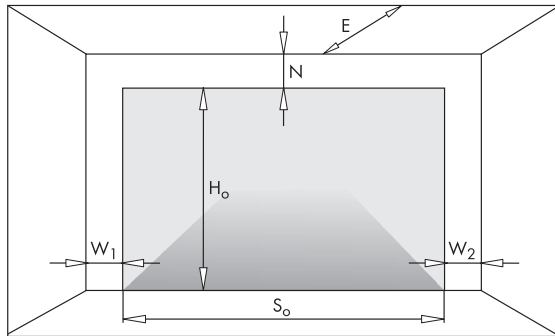
**INTEGRATED FLASHING LIGHT INCLUDED**

**MECHANICAL ANTIBURGLARY LOCK** - Keeps the door locked when closed to prevent unauthorized entry.

**SUPPORTS OPTIONAL OUTDOOR LIGHT SOURCES, E.G. DRIVEWAY LAMPS**

# Technical INFORMATION

## ASSEMBLY DIMENSIONS



- $S_o$  - opening width, ordering dimension
- $S_j$  - drive-in clear width with the door installed
- $H_o$  - opening height, ordering dimension
- $H_j$  - drive-in clear height with the door installed
- $N$  - required minimum headroom
- $W_1$  - required minimum side space
- $W_2$  - required minimum side space
- $E$  - minimum garage depth with free space under the ceiling
- $L_s$  - drive rail length

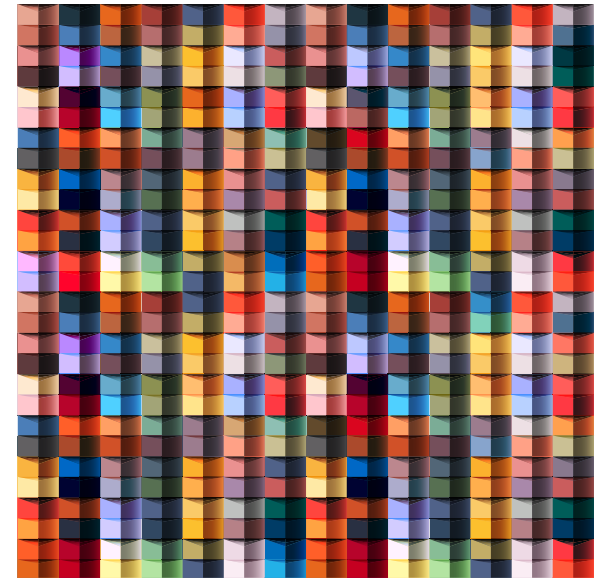
The assembly dimensions and their designation required for correct selection and assembly of WIŚNIOWSKI sectional garage doors.

	PRIME
$S_j$	$S_o - 40$ [mm]
$H_j$	$H_o - 100$ [mm]
$N_{min}$	200 [mm] <sup>1</sup>
$W_{1min}, W_{2min}$	160 [mm]
$E_{min}$	$L_s + 410$ [mm]
$L_s$	2900 [mm] or 3500 [mm]

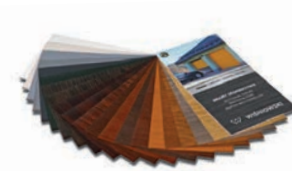
<sup>1)</sup> - At the door height of 2200 [mm]  $N_{min}$  is 220 [mm].

## PRIME DOOR DIMENSIONS

Opening height ( $H_o$ )	Opening width ( $S_o$ )															
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500
2000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2125	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2250	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2375	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X



## COLOUR AND TEXTURE



Wood, steel and other surface finish effects



RAL colours

The rich palette of PRIME colours and textures allow freedom to design at will and enhance the architectural space of any building. PRIME gate is available in RAL colours and wood imitation veneers.

# The Crowning OF YOUR INVESTMENT

We designed PRIME carefully to make it perfect inside and out. Inspired by your needs, it has been endowed with special features that make the door unique in every respect.



[www.wisniewski.pl/en/](http://www.wisniewski.pl/en/)





PRIME • RAL 9016 / silkline texture

DESIGN | SAFETY | THERMAL INSULATION



PRIME • RAL 6037 / silkline texture





PRIME • Anthracite / sandgrain texture

DESIGN | SAFETY | THERMAL INSULATION



PRIME • RAL 9016 / silkline texture







PRIME • RAL 9016 / silkline texture

# Gates, doors, fences IN ONE DESIGN

The WIŚNIOWSKI Home Inclusive combines a single stylistic line of gates, doors and fences. It is an example of design engineering aimed at consistency of usable space. It inspires, creates and sets the trends the design of which is based on excellent performance and unique appearance.

The collection features PRIME, the new generation of sectional garage doors, a product synonymous with style and safety. Their unparalleled quality and refined simplicity of form complement the collection and stand as an aesthetic masterpiece.



**PRIME**  
sectional door

**CREO**  
aluminium door

**MODERN**  
sliding gate



Sliding gate



Sectional door



Flush door

<sup>(1)</sup> - WIŚNIOWSKI provides a 10-year guarantee for corrosion protection of fence gates, wickets, sections and posts processed by hot galvanizing and powder coating.

<sup>(2)</sup> - Parameters given for Prime garage door sized 5500 mm x 2250 mm and certified by the tests at the Building Research Institute.

<sup>(3)</sup> - For CREO aluminium doors sized 1400 mm x 2500 mm.

WIŚNIOWSKI  
HOME INCLUSIVE



WIŚNIOWSKI



# WIŚNIEWSKI



DISCOVER MORE...  
[www.wisniowski.pl](http://www.wisniowski.pl)



GATES | DOORS | FENCES