



EKOLUKA KEY

SECTIONAL DOORS
INDUSTRIAL & GARAGE DOORS



A dark, modern building facade with a white 'PRODUCT CATALOGUE' text overlay.

PRODUCT CATALOGUE

TABLE OF CONTENTS

ABOUT US.....	4
INDUSTRIAL DOORS.....	6
COMPONENTS.....	9
GARAGE DOORS.....	10
COMPONENTS.....	12
TECHNICAL SPECIFICATIONS.....	14
TECHNICAL SPECIFICATIONS OF THE PANELS.....	14
TYPES OF DOOR GUIDANCE.....	17
TECHNICAL SPECIFICATIONS OF THE MOTORS.....	18
PEDESTRIAN DOORS AND WINDOWS.....	19
SUPPLEMENTARY COMPONENTS.....	20
CERTIFICATES.....	22





EKOLUKA KEY

SOLE REPRESENTATIVE OF



isodoor

FOR THE TERRITORY OF THE REPUBLIC OF SERBIA

EKOLUKA KEY D.O.O. has been present on the market of the Republic of Serbia for over two decades, providing high-quality products and solutions in the fields of roller shutters, insect screens, PVC and aluminum joinery, as well as aluminum fences.

Since 2022, the product range has been expanded to include raw materials for the production of sectional doors, along with in-house manufacturing of industrial and garage doors.

The offer includes all essential components – from high-quality panels and mechanisms to advanced automation systems.

Through long-term cooperation with the I **ISODOOR**, EKOLUKA KEY delivers reliable and modern solutions for sectional doors in the Serbian market. Thanks to advanced technology and the precise craftsmanship of ISODOOR sandwich panels, we offer aesthetically adaptable and durable solutions for garage and industrial doors.

As the sole representative of ISODOOR, EKOLUKA KEY guarantees reliability, functionality, and high-quality materials for the production of sectional doors.



PRODUCTION

PRODUCTION OF READY-TO-INSTALL INDUSTRIAL
AND GARAGE DOORS



RAW MATERIAL

SALE OF RAW MATERIALS FOR THE PRODUCTION
OF INDUSTRIAL AND GARAGE DOORS



FREE DELIVERY

DELIVERY OF FINISHED PRODUCTS TO YOUR ADDRESS



CERTIFIED PRODUCT

CERTIFIED PRODUCT BY
RISE Research Institutes of Sweden AB;
MEETS ALL RELEVANT ISO STANDARDS



EKOLUKA KEY



isodoor

INDUSTRIAL DOORS

INDUSTRIAL DOORS



HIGH-QUALITY MATERIALS

What sets our doors apart on the market is the quality of the materials used in their production. They are made from ISODOOR sandwich panels, 40 mm thick, which not only ensure long-lasting durability but also provide excellent insulation. At the top of each panel is a sealing rubber strip that ensures tight sealing between panels, preventing the entry of dust, air, and rainwater.

Thanks to the high polyurethane content injected under high pressure between the steel sheet layers, the industrial doors are resistant to harsh weather conditions, open flames, and direct impacts.

In addition to all these features, it is important to note that the sandwich panels come with a five-year warranty.

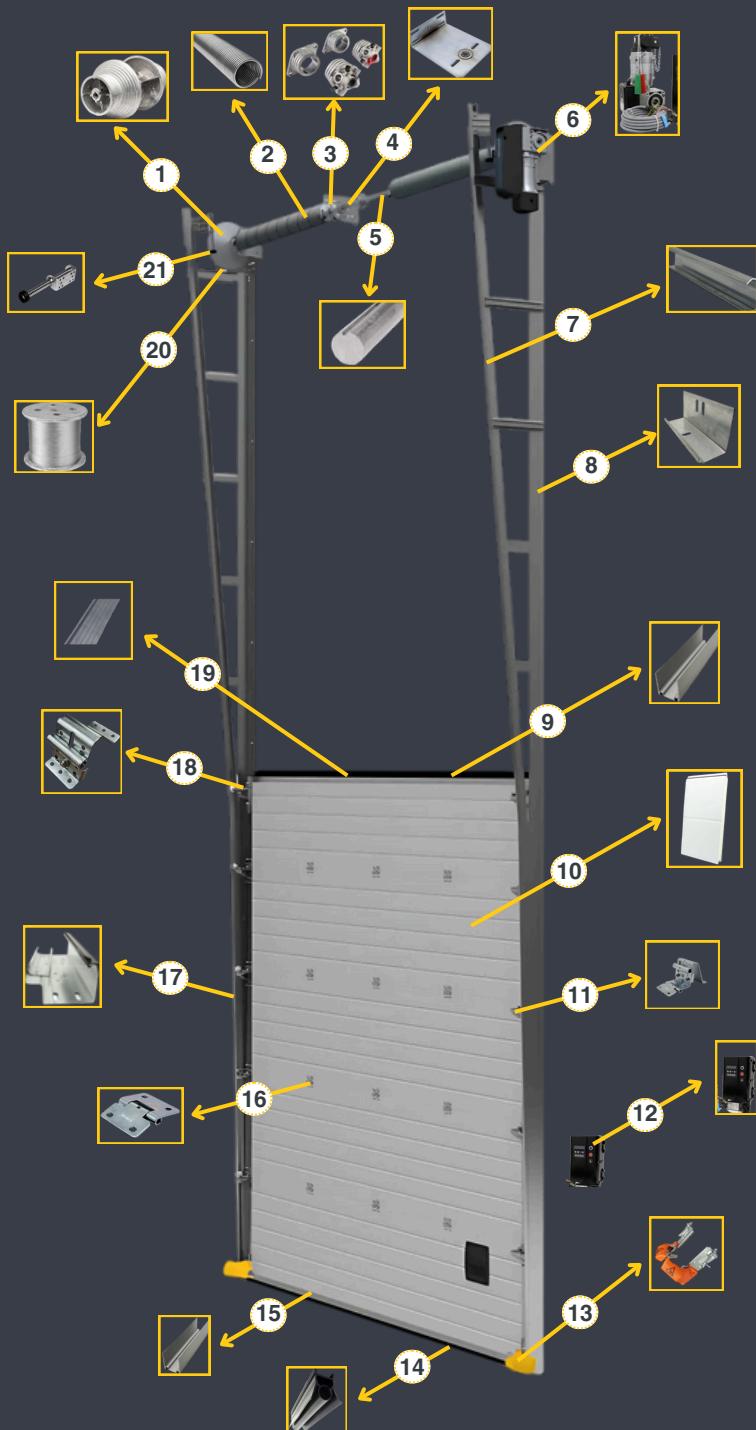


MODULAR STRUCTURE

Industrial doors can be adapted to various openings and requirements.

Different lifting options are available depending on the height and size of the opening. Standard lift is suitable for larger buildings, vertical lift is ideal for spaces with lower ceilings, while full vertical lift provides fast opening. Design tailored to your taste. EKOLUKA offers a wide range of panel colors and designs. In addition to the classic white design (RAL 9010), you can choose from our selection to easily match your space.

COMPONENTS



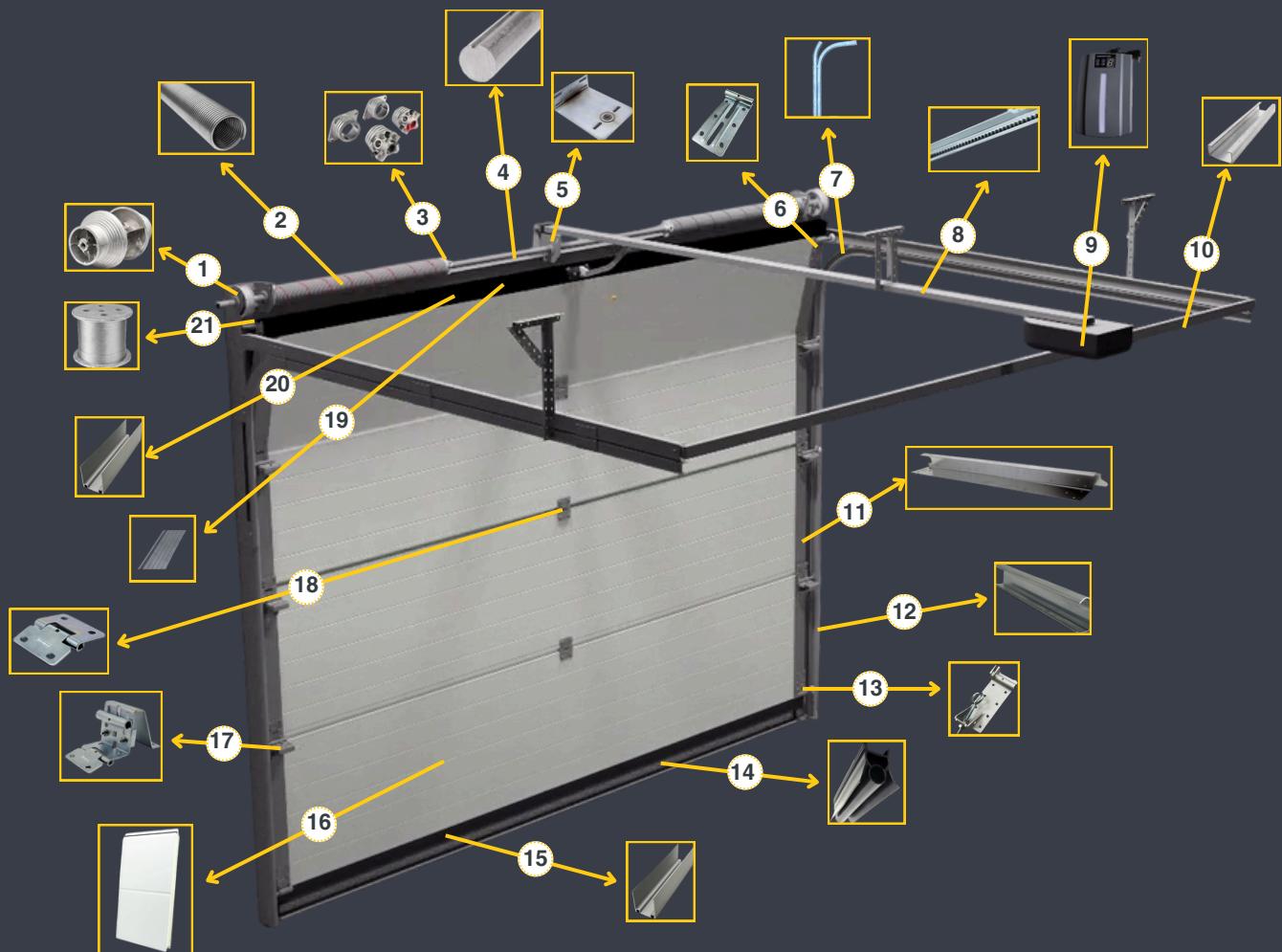
- 1 PULLEY
- 2 SPRING
- 3 SPRING CAP
- 4 SHAFT BRACKET
- 5 SHAFT
- 6 INDUSTRIAL MOTOR
- 7 C PROFILE
- 8 VERTICAL L PROFILE
- 9 START-FINISH PROFILE FOR DOORS
- 10 PANEL
- 11 SIDE HINGE
- 12 CONTROL UNIT
- 13 SAFETY BRAKE
- 14 BOTTOM RUBBER FOR INDUSTRIAL DOORS
- 15 START-FINISH PROFILE FOR DOORS
- 16 MIDDLE HINGE
- 17 VERTICAL TRACK
- 18 TOP RUBBER
- 19 STARTING HINGE
- 20 CABLE
- 21 BUMPER



EK EKOLUKA KEY
isodoor

GARAGE DOORS

COMPONENTS



1 PULLEY	8 MOTOR RAIL	15 START-FINISH PROFILE FOR DOORS
2 SPRING	9 CEILING MOTOR	16 PANEL
3 SPRING CAP	10 C PROFILE	17 SIDE HINGE
4 SHAFT	11 PANEL COVER	18 CENTER HINGE
5 SHAFT HOLDER	12 VERTICAL TRACK	19 TOP SEAL
6 BOTTOM HINGE FOR GARAGE DOORS	13 ADJUSTABLE HINGE	20 START-FINISH PROFILE FOR DOORS
7 HORIZONTAL RAIL FOR DOUBLE GUIDE SYSTEM	14 BOTTOM RUBBER SEAL FOR GARAGE DOORS	21 CABLE

GARAGE DOOR



DURABILITY AND LOW MAINTENANCE COSTS

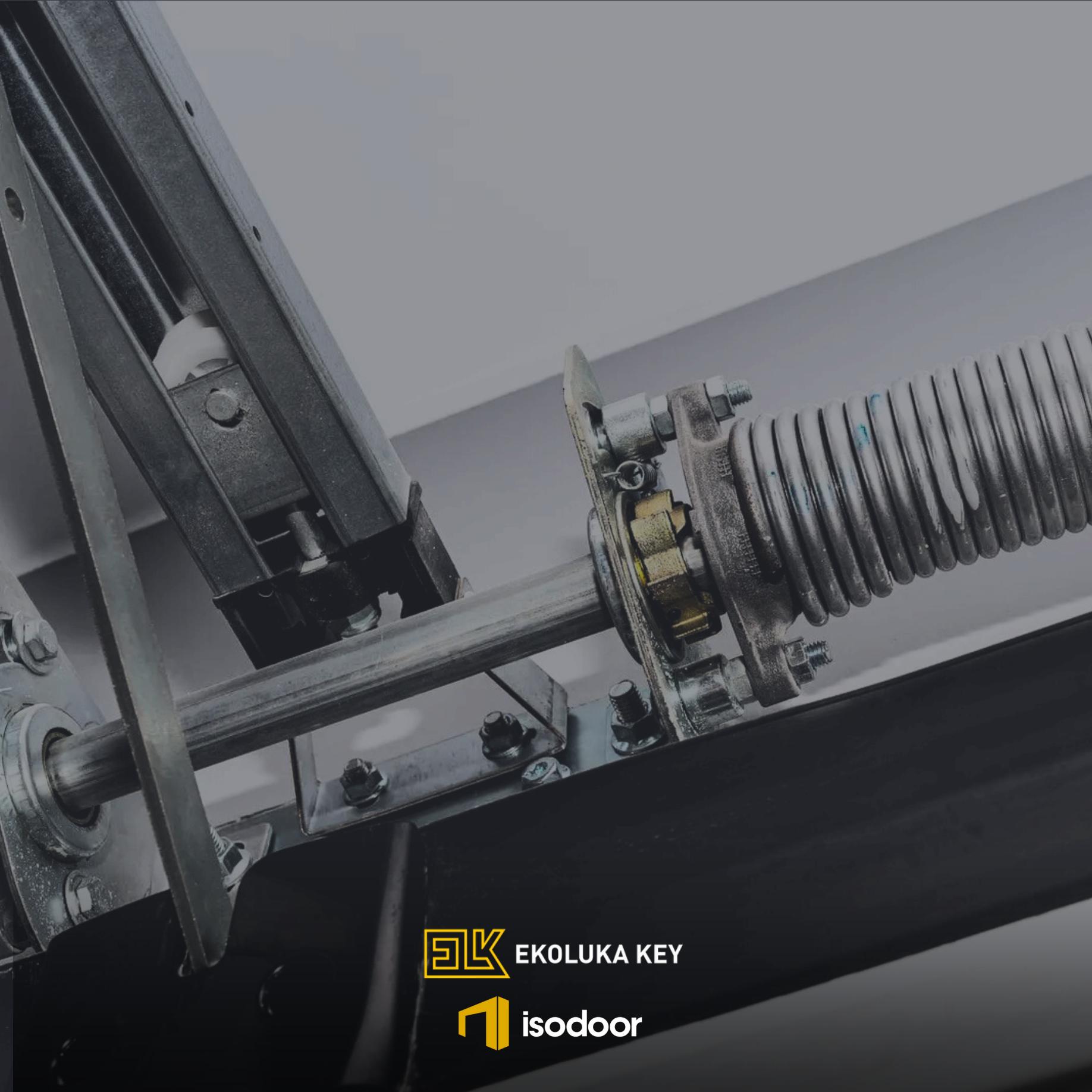
Our garage doors are made from high-quality materials that are resistant to wear and weather conditions. This means you will enjoy a long-lasting and reliable solution with minimal maintenance costs. Thanks to precise craftsmanship and top-quality finishes, these doors guarantee high functionality and aesthetics that easily blend into any space. Additionally, their mechanism ensures quiet and reliable operation, making them the ideal choice for residential buildings.



SAFETY AND SECURITY

Safety is always a priority when it comes to both private and commercial spaces. Sectional garage doors are designed to provide maximum protection, combining a robust construction with modern safety technologies. They are equipped with a range of safety features, including obstacle detection sensors and automatic shutoff in case of contact with anything beneath the door, preventing accidents and damage.





EK EKOLUKA KEY
isodoor

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS OF THE PANELS

DIMENSIONS: The panels are made in heights of 500 mm and 610 mm.

THICKNESS: The total thickness of the panel is 40 mm, consisting of two layers of galvanized steel sheet with a thickness of 0.5 mm, between which high-density polyurethane (CFC-free) is injected.

INSULATION: The panels are designed to provide high insulation thanks to the foam injected between the steel layers.

WEIGHT: The weight of the panels is 11 kg/m², allowing for easy handling and installation.

FINGER SAFETY: Our panels are equipped with a finger-safety protection system, ensuring safety when handling the doors.

CERTIFICATIONS AND TESTING: ISODOOR panels are subjected to rigorous testing in Europe according to the ISO EN 13241-1 standard, and all certificates and test reports are available.

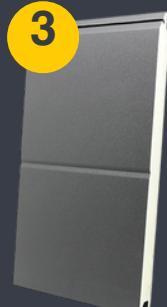
THERMAL TRANSFER COEFFICIENT: The thermal transfer coefficient is 0.5 W/m²K, providing excellent energy efficiency.

THERMAL TRANSMITTANCE: Doors made from ISODOOR panels have a thermal transmittance of 1.4 W/m²K, making your space comfortable and energy-efficient.

WEATHER RESISTANCE: The panels are resistant to wind load according to the EN 12424 standard, rated as Class 3, and water penetration resistance according to the EN 12425 standard, also rated as Class 3.

AIR PERMEABILITY: According to the EN 12426 standard, the panels are rated as Class 2 for air permeability.

SEALING RUBBER: A synthetic rubber EPDM sealing gasket is placed between the panels, providing additional protection and insulation.



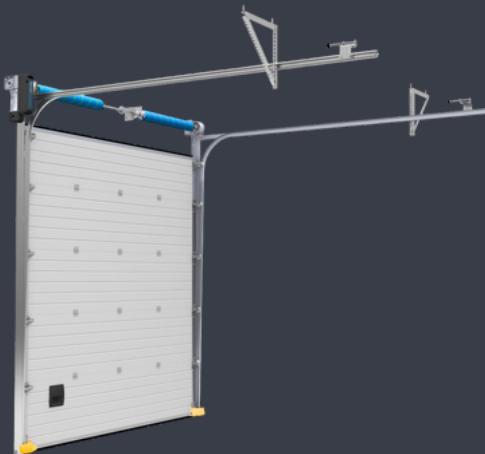
- 1 Wood Décor
- 2 7016 - SABLÉ
- 3 7016 - Relief
- 4 9006 - Relief
- 5 9010 - Relief

TYPES OF DOOR GUIDANCE



DOUBLE GUIDANCE

DOUBLE GUIDANCE IS USED IN SITUATIONS WHERE THE CLEAR OPENING HEIGHT IS BETWEEN 200MM AND 400MM.



SINGLE GUIDANCE

SINGLE GUIDANCE IS USED IN SITUATIONS WHERE THE CLEAR OPENING HEIGHT IS BETWEEN 400MM AND 600MM.



RAISED GUIDANCE

RAISED GUIDANCE IS USED IN SITUATIONS WHERE THE CLEAR OPENING HEIGHT IS BETWEEN 700MM AND 4200MM



VERTICAL GUIDANCE

VERTICAL GUIDANCE IS USED IN SITUATIONS WHERE THE CLEAR OPENING HEIGHT EQUALS THE DOOR HEIGHT + 350MM.

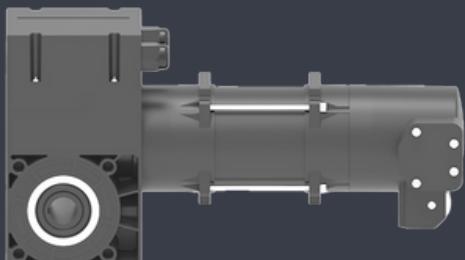
TECHNICAL SPECIFICATIONS OF THE MOTORS

GARAGE MOTOR



2

YEARS OF
WARRANTY ON
MOTORS



INDUSTRIAL MOTOR

Ceiling motors are ideal for garage doors with a height of up to 3.5 meters and a width between 4.5 and 5 meters.

They are equipped with a soft start-stop system and an automatic return-to-original-position function in case of obstacle detection, ensuring safe and reliable operation.

The drive rails are available in lengths of 3.5, 4.2, and 5.2 meters, adapted to different garage door dimensions.

Our motors can also be installed with software that allows control via a mobile app, providing added comfort and remote control.

POWER	SURFACE
800N	10m ²
1200N	18m ²

Industrial motors are designed for lifting doors with large width and height.

They are mounted laterally on the door shaft, requiring minimal installation space (only 25cm). These motors are equipped with a chain for manual lifting in case of power failure, as well as a soft start/stop system. While intended for industrial doors, they can also be used for garage doors if the conditions allow.

POWER	SURFACE
70N	25m ²
100N	35m ²

PEDESTRIAN DOORS AND WINDOWS



Windows can also be installed in sectional doors.

This increases the lighting in the space and allows natural light to enter, while maintaining the strength and insulation properties of the door.

The dimensions of the available windows in our offer, as well as their colors, are listed in the table below.

COLOR	SIZE
black	640x336mm; 532x344mm
white	532x344mm

In order to improve functionality, **pedestrian doors** can be installed in sectional doors.

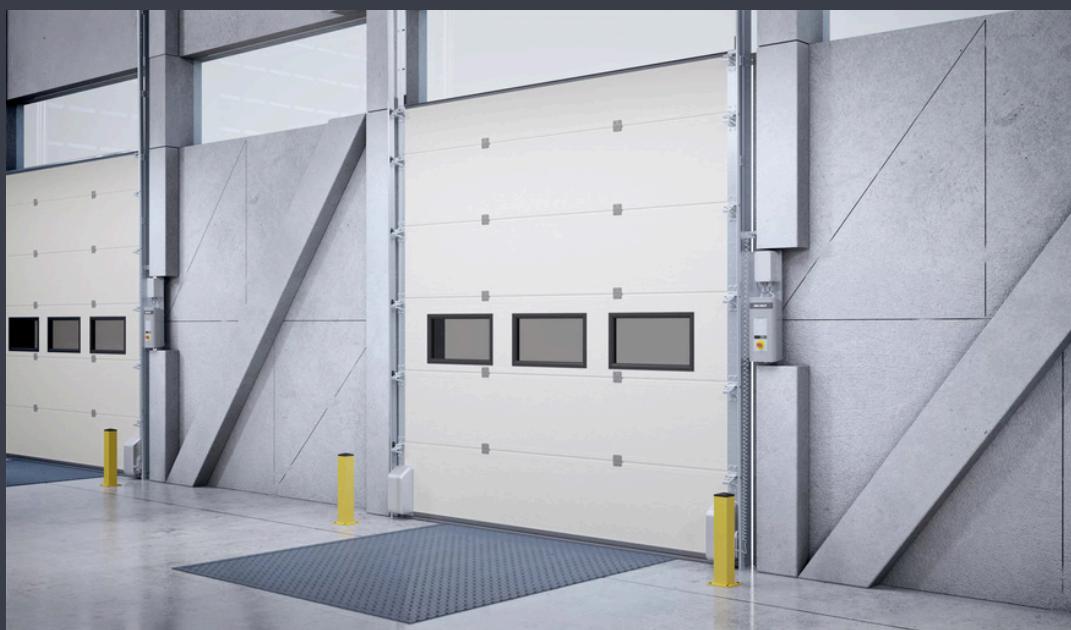
This enhances the functionality and longevity of the doors, as they do not need to be lifted to allow unobstructed movement of people.

The dimensions of pedestrian doors vary and depend on the construction itself, panel sizes, and customer requirements.

Pedestrian door sets come in two profile colors:

- ELOX
- BLACK

Pedestrian doors always open outward.



SUPPLEMENTARY COMPONENTS



SPRING

SPRING DIMENSIONS				
AxBmm (A = wire thickness; B = Ø spring)	6x67mm	7x95mm	9x95mm	9.5x152mm
5.5x50mm	6.5x67mm	7.5x95mm	9.5x95mm	10x152mm
6x50mm	7x67mm	8x95mm	8.5x152mm	10.5x152mm
6.5x50mm	7.5x67mm	8.5x95mm	9x152mm	11.5x152mm



PULLEY

TYPES OF PULLEYS				
PULLEY	NL8	NL12	NL18	HL54
max. door height	2490mm	3680mm	5881mm	4800mm +1300mm
PULLEY	HL120	HL164	VL11	VL18
max. door height	5020mm +3000mm	6000mm +4200mm	3300mm	6000mm

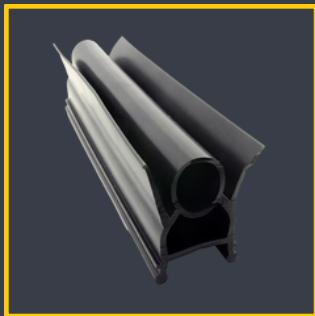


SHAFT

TYPES OF SHAFTS	
HOLLOW SHAFT	SOLID SHAFT
HOLLOW SHAFT IS USED IN CASES WHEN THE MAXIMUM DIMENSIONS OF THE DOOR ARE: width: 5000mm; height: 4000mm	SOLID SHAFT IS USED IN CASES WHEN THE HEIGHT OF THE DOOR EXCEEDS 4000MM



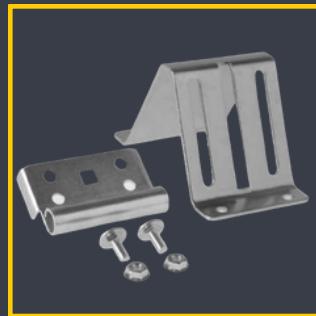
START-FINISH PROFILE



BOTTOM SEAL



SAFETY BRAKE



STARTING HINGE



COVER PLATE



OMEGA



PEDESTRIAN DOOR SET



TOP SEAL



MANUAL LIFTING CHAIN



BUMPER

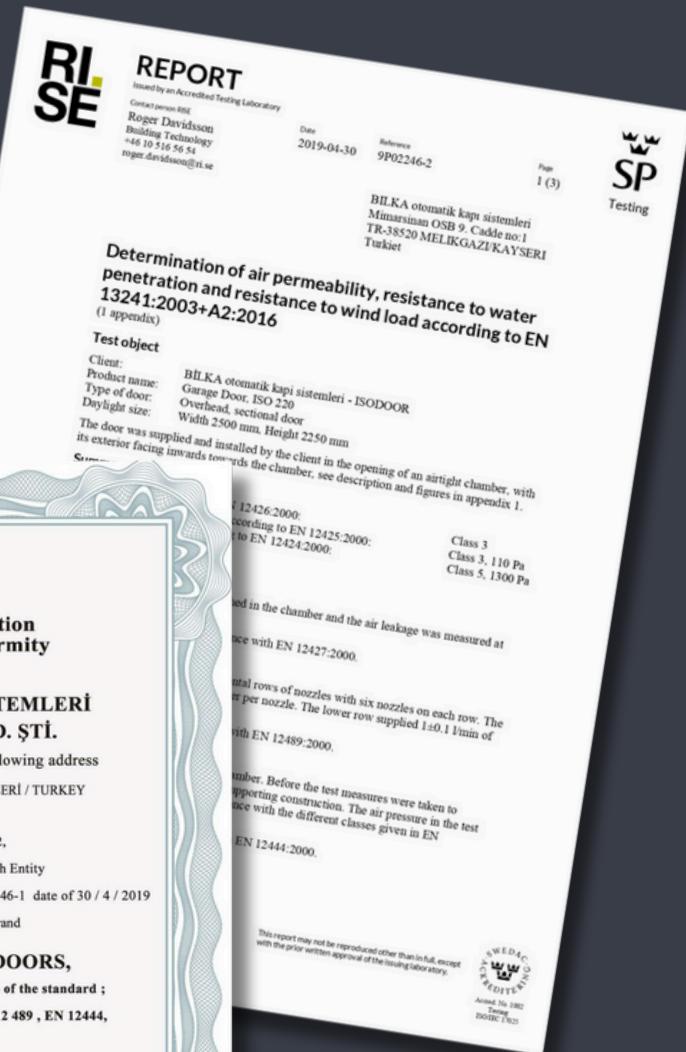
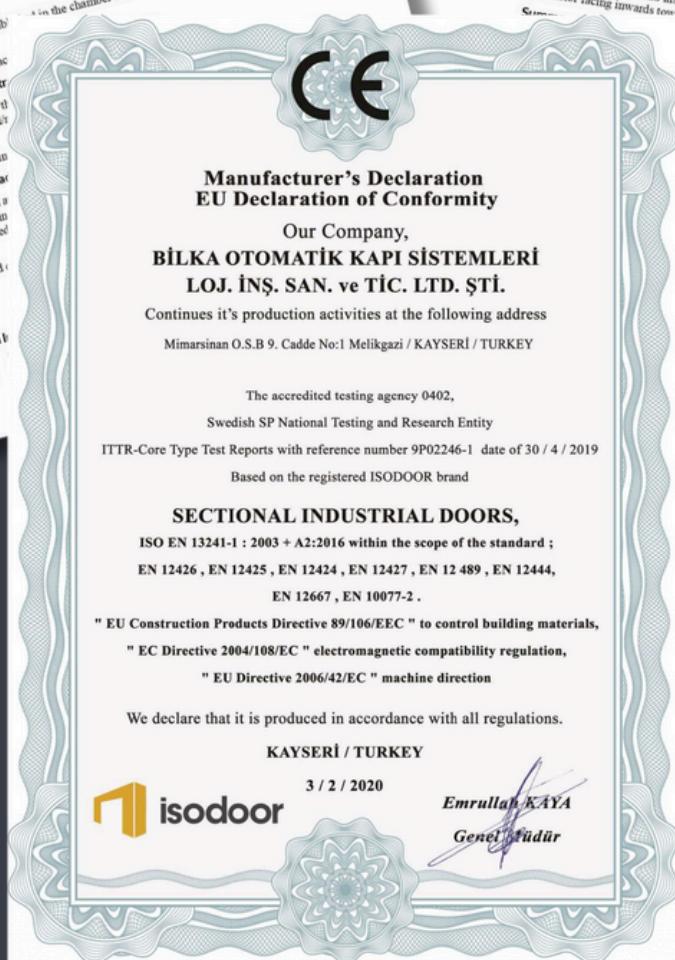


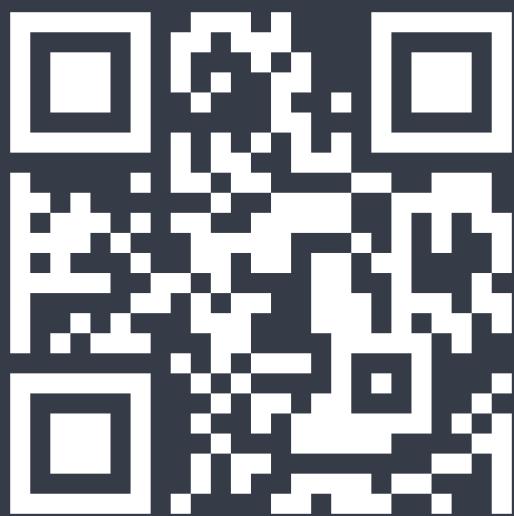
SPRING CAP



SHAFT HOLDER

CERTIFICATES







EKOLUKA KEY

Reliable partner for mutual success



+381 62 288 901



info@ekoluka.rs



www.ekoluka.rs



Kneza Mihaila 278, 34000 Kragujevac