

SECTIONAL | ROLLER | SIDE DOORS

GARAGE DOORS



CONTINUOUS INNOVATION

since 1994

✓ Quality ✓ Innovations ✓ Cutting-edge technologies
 ✓ Professional network of business partners
 ✓ Experience ✓ International presence

Since 1994 DAKO has developed an unrivalled reputation for innovation, quality and workmanship as a manufacturer of a wide range of high-performance PVC, timber, aluminium and steel products that meet global Clients' needs.

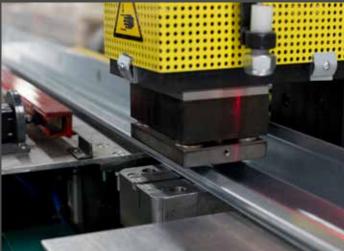
The company's growing success can be attributed to its continually modernized production process, cutting-edge technologies and continuous adaptation to changing Client requirements. DAKO improves its employee competencies, continuously invests in company development and successfully expands into new markets. The company has sold millions of windows worldwide and boasts a record of strong Client satisfaction.

We currently serve the following countries:

Germany, Italy, Norway, Sweden, France, Belgium, Czech Republic, Slovakia, Poland, Luxembourg, Spain, Israel, Tunisia, Mexico, Japan and many others.

















COMPREHENSIVE RANGE OF PRODUCTS

SEE ALSO:

Harmony | Comfort | Savings

Comprehensive range of DAKO products gives the clients a possibility to fully equip their houses with the joinery.

Close collaboration of technologists and designers responsible for particular product groups guarantees the aesthetic harmony of joinery in each house. Moreover, the technological compliance of all products is kept what is especially important in case of DAKO Smart Home systems. The possibility to calculate and buy all products in one sales point influences comfortable and efficient decision making what allows the clients to save their time and money.



PVC JOINERY | Windows | Terrace doors | Exterior doors



ALUMINIUM JOINERY | Windows | Terrace doors | Exterior doors | Constructions | Facades



TIMBER | Windows | Terrace doors | Exterior doors



FIRE DOORS AND STEEL DOORS

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ROLLER BLINDS



TEXTILE ROLLER BLINDS

DAKO FOLDERS







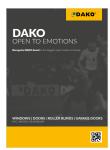














WAY TO QUALITY

Explore the way to DAKO quality. Learn how proceeds the process which aims at meeting the individual expectations of every single customer.









Analysis of technological opportunities

The technological progress gives the joinery producers an increasing number of possibilities. To meet growing expectations of customers the manufacturers must constantly follow technological innovations and modify the range of products by introducing the solutions that best meet the users' needs. DAKO company has a team of qualified and experienced engineers forming the Product Development Department, which is responsible for products development.

Selection of the best components

All products are made of components supplied by producers recognised by the worldwide markets. The highest quality PVC profiles, timber of optimum physical and mechanical properties and aluminium systems used in the most prestigious projects guarantee reliability and durability of DAKO products. Glasses and fittings from renowned suppliers ensure maximum energy saving, security and functionality of our products.

Innovative technological park

Combining components in the efficiently operating system requires cutting-edge machines. DAKO joinery is produced in the technological park which is one of the most innovative object of this type. The precise, numerically-controlled woodworking, milling, welding machines and saws operate in two production halls with total surface of 20 000 m². The park also has a testing laboratory, powder paint shop and profile edge banding shop, ensuring full control over product finish quality.

Experienced and qualified staff

The production process is carried out and controlled by qualified specialists and engineers having long job seniority. Regular trainings and tests ensure a high level of competencies, required to construct complex windows, modern terrace doors with large glazing and other advanced solutions.

Adherence to stringent standards

In order to ensure the highest production standards, DAKO undergoes assessment, control and certification procedures. They result in authorisations, certificates and rights to use the marks confirming products quality. DAKO has, among others, Q-Zert certificate issued on the base of the audit carried by the IFT Rosenheim, the most important research centre in Europe. Additionally, DAKO products are compliant with the European Standard CE, and the authorisations from the suppliers of components confirm that they meet rigorous safety requirements.

Quality control

DAKO has a department responsible for quality control, that is an important link in the production process. Both received components and ready-made products undergo detailed controls. Each production line has its own controllers who supervise specialists' work. The additional control is carried out randomly by the patrols that inspect the production process on all lines.

Transport fleet

Windows, as the exceptionally sensitive products need to be appropriately treated during transport. The own vehicle fleet allows for complete control over the loading, transport and unloading of our products. Due to DAKO own vehicles we are certain our products reach the customers preserved intact. Additional benefit resulting from our own transport fleet are fixed, regular delivery times that influence the date of order completion.

Competent sales advisors in the showrooms

The final step in the way to DAKO quality is the showroom. Only professional guidance and correct assesment of the building situation can make the joinery fulfil its function and meet the customers' expectations. DAKO Commercial Partners are the experts with the extensive knowledge and experiance that allow to meet the requirements of contemporary architecture.



Sectional garage doors



SECTIONAL GARAGE DOORS

DAKO sectional garage doors combine modern design with usage comfort. Not only they are recommended to newly constructed buildings, but also it is an excellent solution for those who rebuild garage objects.

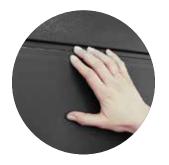
As compared to tilt or turn garage doors, sectional garage doors allow for utilization of optimal space in the garage. We offer you garage doors in two available options, with panel of 40 or 60 mm thickness.

SECURITY

DAKO garage doors are equipped with the elements facilitating their safe and comfortable use.



OVERLOAD SWITCH Stops the drive operation in case the door curtain meets an obstacle while closing down.



COVER AGAINST CRUSHING FINGERS Special panel shape protects

against crushing fingers between panels during garage door closing.



SPRING BREAKING **PROTECTION**

Prevents the door curtain from closing down in case of spring breaking.



WIRE BREAKING **PROTECTION**

Prevents the door curtain from uncontrolled closing down. As a standard for garage doors of the surface greater than 9m2 and with 60 mm panel.

SECTIONAL GARAGE DOORS 60

DK-GP Thermo WARM GARAGE DOOR

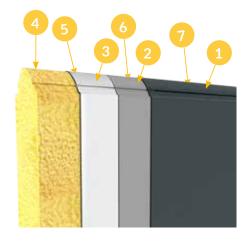


DK-GP Thermo SMOOTH PANEL

DK-GP Thermo smooth panel 60 mm thick, besides the excellent thermal insulation properties guarantees stylish and elegant appearance.

COLOURS OF GARAGE DOORS - SEE ON PAGE 27

*value for the referential sectional garage door of dimensions 3000 mm x 2440 mm



CROSS-SECTION OF PANEL

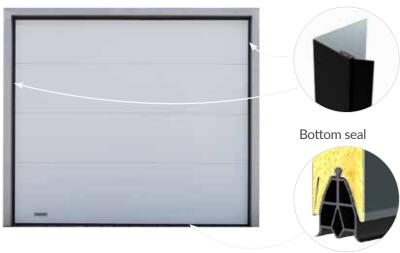
60 mm panel is filled with poliurethane, freon-free foam and covered with galvanized tin. Durability and corrosion protection is provided by the suitably selected coating applied to the surface of the tin. The height of panel is available in size 500 or 610 mm. The panel is characterized by high termal insulation (coefficient U = 0,34 W/m²K).

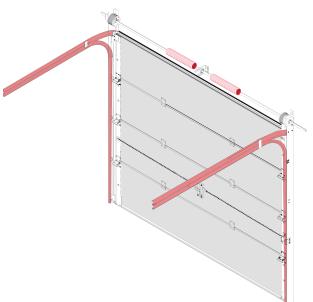
- 1. Polyester cover, 2. Underlay, 3. Galvanized steel Z225, 4. Freon-free polyurethane foam, 5. Galvanized steel Z100, 6. Underlay,
- 7. Polyester cover



OPTIMAL SEALING

Properly selected seal kit guarantees the garage door tightness. The sealing along the entire perimeter of the garage door is provided by: top seal, thermal side seals, sealing between panels and bottom seal adapted to the panel construction.





TRACK SYSTEM

LHF TRACK SYSTEM

Garage door is installed with double horizontal rails that guarantee its stability and efficient operation. Minimal required height of lintel allowing for garage door installation is 220 mm. In case of such solution the torsion springs are mounted on the front, close to the lintel.

PLAIN APPEARANCE INSIDE GARAGE DOOR



PAINTED FITTINGS

Side seals

In order to adjust fittings and hinges to panel apperance and to create the aesthetic composition, also inside the garage, the above mantioned elements are coloured in white (RAL 9016).





SECTIONAL GARAGE DOORS 40

PATTERNS OF PANEL MOULDINGS



DK-GP SMOOTH PANEL

The surface of DK-GP panel is completely smooth. Lack of mouldings guarantees the elegant and stylish appearance of the garage door.



DK-PP Moulded panel

Horizontal moulding of DK-WPP panel gives the garage door and elevation the exceptionally subtle character.

Modern appearance of garage door is emphasised by clearly marked mouldings.



DK-WPP HIGH-MOULDED PANEL

DK-WPP panel with high mouldings is a modern type of panel with discreet, horizontal ribs that are very popular among investors.

CROSS-SECTION of panel

40 mm panel is filled with poliurethane, freon-free foam, covered with 0,5 mm galvanized tin. The hight of panel is available in size 500 or 610 mm. The panel is characterized by high termal insulation (coefficient U = 0,54 W/ m^2 K).

A high level of corrosion protection is provided by the suitably selected coating made of zinc-aluminium alloy applied hot to the surface of the tin by immersing.



- 1. Protective foil, 2. Organic layer, 3. Galfan,
- 4. Steel, 5. Polyurethane foam

COLOURS OF GARAGE DOORS - SEE ON PAGE 27

TRACK SYSTEM



ST TRACK SYSTEM

Applied to the lintel of at least 350 mm height. The torsion springs are mounted on the front, close to the lintel. Garage door is installed with single horizontal rails. ST track system provides maximum height of light opening.



LHF TRACK SYSTEM

Applied to the lintel from 220 to 350 mm. The torsion springs are mounted on the front, close to the lintel. Garage door is installed with double horizontal rails.



LHR TRACK SYSTEM

Applied to the lintel of at least 100 mm height (for manual garage door) and 150 mm height (for automatic garage door). The torsion springs are mounted at the end of double horizontal rails.





Sectional garage doors

Harmony line

WINDOWS ROLLER BLINDS DOORS GARAGE DOORS

A unique idea of a common design of DAKO joinery.



Sectional garage doors

DRIVESTO SECTIONAL GARAGE DOORS



Somfy Dexxo Optimo | Somfy Dexxo Pro

AVAILABLE FOR GARAGE DOORS WITH 40 OR 60 MM PANEL

Modern, easily-programmed and infallible system of automatic door control. The engine equipment includes mechanism of low pulsation door closure.



Marantec Comfort 260 | Comfort 270

AVAILABLE FOR GARAGE DOORS WITH 40 MM PANEL

The intuitive engine to garage doors that cooperates with optional number of remote controls. It enables to program: partial door opening, speed of opening and 3-minute garage lighting.



Master

AVAILABLE FOR GARAGE DOORS WITH 40 MM PANE

MASTER engine for garage doors of up to 7 m². Engine works with power of 600N. It has a function of automatic closing and the possibility of adjusting opening and closing force.



LiftMaster

AVAILABLE FOR GARAGE DOORS WITH 40 OR 60 MM PANE

The lateral drive is an ideal solution for garage doors where the standard drive with guide rail cannot be applied. Designed for installation directly on the shaft (minimum length of side wall: 230 mm).

LiftMaster AUTOMATIC CONTROL

EXEMPLARY EQUIPMENT



PHOTOCELLS

If case of obstacle detection, safety device connected to the drive will stop the closing garage door.



4-CHANNEL REMOTE CONTROL

Enables wireless control of garage door.



CABLE WALL SWITCH

Enables to control the garage door with the switch installed on the wall.



INTERNAL 2-CHANNELS KEYPAD

Enables to control the garage door with the switch installed on the wall.



EMERGENCY BATTERY

Enables to open garage door in case of electricity crash.



SIGNAL LAMP

Light signal informs about engine work.

SOMFY AUTOMATIC CONTROL EXEMPLARY EQUIPMENT



PHOTOCELL

If case of obstacle detection, safety device connected to the drive will stop the closing garage door.



REMOTE CONTROL

2 or 4-channel Somfy remote control is used to control garage door.



RTS CODE KEYBOARD

Installed outside the garage, enables to control garage door by introduced code.



EMERGENCY BATTERY

Enables to control garage door in case of electricity crash (amount of cycles 4-7 with a charged bettery).

EXEMPLARY EQUIPMENT OF DRIVES

MARANTEC AUTOMATIC CONTROL

EXEMPLARY EQUIPMENT



PHOTOCELLS

If case of obstacle detection, safety device connected to the drive will stop the closing garage door.



REMOTE CONTROL

2 or 4-channel Marantec remote control is used to control garage door.



REMOTE CONTROL TO THE CAR LIGHTER

The remote control for automatic garage door intended to be placed in car socket.



CODE KEYBOARD

Installed outside the garage, enables to control garage door by introduced code.



ADD-ONS TO SECTIONAL GARAGE DOORS

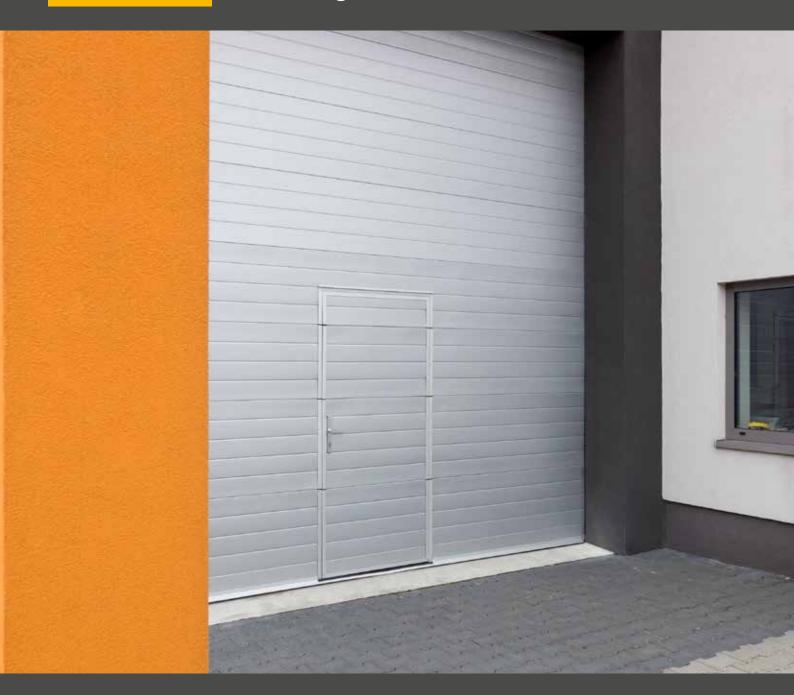
	40 mm panel	60 mm panel	
Decorative elements		+	
Service gate		-	
Glazing		-	
Glazed panel		-	
Smart home			
Safety panel		+	
Spring breaking protection			
Wire breaking protection	+ surface greater than 9m² - standard	+	
Manual bolt from inside			
Lock with insert			
Cylinder lock		+	
Ventilation inlet		-	
OMEGA reinforcement profile		+	
Grip		+	
Panel mortise grip	+	-	

ADDITIONAL EQUIPMENT OF DRIVES

	40 60 mm panel		40 mm panel	
DRIVE	Somfy Dexxo Op- timo Dexxo PRO	LiftMaster	Marantec 260 270	Master
Overload Switch				+
2-channel remote control				+
4-channel remote control				-
Wired code keyboard (external)				-
Internal wireless code keyboard				-
RTS code keyboard				-
Photocells				-
RTS external aerial				-
Signal lamp				-
Warning horn	+ only PRO			-
Universal receiver				-
Lockable manual decoupler	+ only panel 40			
Emergency battery				
Service gate protection	+ only panel 40			-
Gsm module				
Belt-drive rail	+		+	-
Chain-drive rail				+
3-channel remote control to the car lighter	-	-	+	-



Service gate



SERVICE GATE INSTALLED INTO GARAGE DOOR

Garage doors made of 40 mm panels can be equipped with service gate. This solution is applied when there is no place for side garage door next to the gate.

Facilitates the access to the garage without the necessity to fully open garage door. Service gates are applied in garage doors with manual and electrical drive.



LOW THRESHOLD 30 MM

Lowered threshold does not create an obstacle in circulation area.



SELF-CLOSER

Provides smooth and quiet operation.



COVER AGAINST CRUSHING FINGERS

Reduces the risk of an accident.



HANDLE WITH LOCK

Ergonomic and aesthetic handle with lock, equipped with the set of keys.

RENOVATION PROFILE

In case of the installation of the garage door in the construction with no lintel or nib, or if the above mentioned elements are of too small dimensions, the renovation profile should be applied.

Renovation profile combines constructional functions allowing for safe and stable embedding of the garage door. It is also a masking component that improves its external appearance.





Our range of products includes renovation profiles in two dimensions, what allows to use them in different installation situations. Renovation profile is available in full RAL colour palette and veneers.



Side garage doors



SIDE GARAGE DOORS

DAKO side garage doors are a good solution for the garages that are used not only to vehicle storage.

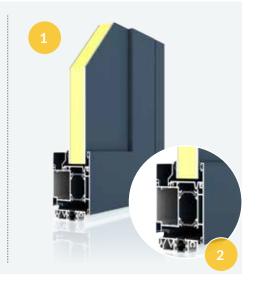
The side doors facilitate access to the garage without opening garage door. The identical external appearance of side door and garage door gives the elevation consistent character.

CROSS-SECTION

OF SIDE GARAGE DOOR



PAINTED IN RAL COLOUR



Frame and sash are bilaterally painted in RAL colour. The internal side of filling is painted of the same RAL colour as frame and sash, whereas its external side

1. FILLING OF THE SASH

The filling of side door consists of 40 mm panel filled with polyurethane foam, covered with steel galvanized tin of 0,5 mm thickness.

The height of panel is either 500 mm or 610 mm.

2. FRAME - "WARM" PROFILE

Sash made of 65 mm deep aluminium profile (three-chamber section with thermal insert).

EQUIPMENTOF SIDE GARAGE DOORS



HANDLE WITH LONG HANDLE-PLATE

The handle is equipped with the mechanism, hidden under the elegant cover, what facilitates its operation.



LOCK INSERT

Insert with 3 keys in standard.



EXTERIOR HINGE

2-sash exterior hinge of high carrying capacity with three-way adjustable hinges.



ONE-POINT LOCK

Latch-bolt lock.



Side garage doors

EXEMPLARY MODELS





SIDE DOOR WITH DK-GP SMOOTH PANEL

The external side of frame, sash and filling is veneered in nut colour.

The internal part of frame, sash and filling is painted in 9002 RAL colour.





SIDE DOOR WITH DK-GP SMOOTH PANEL

The external side of frame, sash and filling is painted in 7016 RAL colour.

The internal part of frame and sash is painted in 7016 RAL colour and filling in 9002 RAL colour.



SIDE DOOR WITH DK-PP HORIZONTAL MOULDING PANEL

The external side of frame, sash and filling is veneered in nut colour.

The internal part of frame, sash and filling is painted in 9002 RAL colour.





SIDE DOOR WITH DK-PP HORIZONTAL MOULDING PANEL

The external side of frame and sash is painted in 8011 RAL colour and filling is veneered in nut colour.

The internal part of frame and sash is painted in 8011 RAL colour and filling in 9002 RAL colour.







SIDE DOOR WITH DK-WPP HORIZONTAL MOULDING PANEL

The external side of frame, sash and filling is veneered in nut golden oak.

The internal part of frame, sash and filling is painted in 9002 RAL colour.





SIDE DOOR WITH DK-WPP HORIZONTAL MOULDING PANEL

The external side of frame and sash is painted in 8003 RAL colour and filling is veneered in golden oak colour.

The internal part of frame and sash is painted in 8003 RAL colour and filling in 9002 RAL colour.

COLOURS OF GARAGE DOORS AND DOORS

SECTIONAL GARAGE DOORS 40 - DK-GP



SECTIONAL GARAGE DOORS 40 - DK-WPP



SECTIONAL GARAGE DOORS 40 - DK-PP



SECTIONAL GARAGE DOORS 60 - DK-GP Thermo



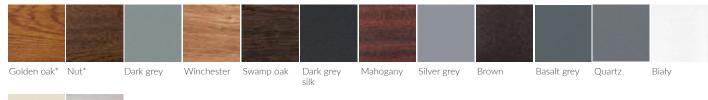
White RA

RAL with structure**

**basic colours (except for pearl and fluorescent colours)

OTHER COLOURS OF DK-GP, DK-WPP, DK-PP GARAGE DOORS PANELS 40 AND 60 MM.

I price group - date of completion 2 weeks - colours:





white oak

II price group - date of completion 4 weeks - colours:



^{*} before placing the order please contact sales department to check the veneer availability

^{*} veneer availabe for garage doors with 60mm panels





ROLLER GARAGE DOORS

Roller doors are an ideal solution particularly suitable for small garage rooms. Due to the vertical guiding and lack of ceiling guide rails, the rolled garage curtain occupies very small space on the lintel, inside the garage. The door curtain is covered in an aesthetic box.



CONSTRUCTION OF ROLLER GARAGE DOOR

DAKO roller door is fully made of aluminium. Standardly, the garage door is equipped with box, placed on the lintel, that includes the shaft with shell. The shell of 18,5 mm thickness is filled with polyurethane foam. Standard equipment of roller garage door includes the tubular motor, button switch, key switch and emergency lift crank.



ALUMINIUM SHELL

Made of double-walled, aluminium profiles with polyurethane foam inside. Tough, light and resistant to weather conditions, provides comfort and safety usage.



GLAZED ALUMINIUM SHELL

The shell with glazing provides garage lighting.



VENTILATION AUMINIUM SHELL

The shell with ventilation slots provides additional ventilation of the interior.

SHELL COLOURS

BASIC COLOURS



ADDITIONAL COLOURS



Roller garage doors are available with the shell in 5 standard colours: white, grey, beige, brown and light brown. At the customer's request we can produce a garage door with the shell in additional colours, available for extra charge: dark wood, nut, golden oak, silver, black, creamy, red, dark green, light green, white, navy blue and anthracite grey.

ADDITIONAL COMPONENTS of the garage door (box, trucks, bottom slat) are available in colours:

- White RAL 9010
- Grey RAL 7038
- Brown RAL 8077
- Beige RAL 1013
- RAL palette (for extra charge)

Roller garage doors

EQUIPMENT



LOCKABLE SWITCH

Standardly, the switch is installed outside the building. It enables to control the garage door with the key.



BUTTON SWITCH

Designed to control the garage door drive, installed inside the garage.



AXROLL CONTROLLER (OPTION)

Enables the connection of photocells and safety brake, as well as the control of the garage door with a remote control.



EMERGENCY LIFT CRANK

Lift crank is used to emergency opening of the garage door in case of power failure.



PHOTOCELL (OPTION)

If case of obstacle detection the system stops the closing garage door (used with Axroll controller).



SAFETY BRAKE (OPTION)

Prevents the roller door shell from uncontrolled closing in case of the motor failure (used with Axroll controller).





INTELLIGENT
MANAGEMENT SYSTEMS

Intelligent house management systems enable comfortable, central and cordless controlling of the electric devices at home, in the company, in the office, at school and in other places as well as they provide an access to the information concerning device status.

Possibility of managing the system by use of computers, tablets and smartphones connected to the Internet provides full control over the house from any place on Earth.

- Comfortable, central and cordless controlling of electric devices
- Easy access to the information concerning device status (e.g. opened/closed)
- Control and access to information from any place on Earth by use of devices connected to the Internet

CHOOSE YOUR OWN INTELLIGENT MANAGEMENT SYSTEM:



Universal system cooperating with most of devices available on the market. The usage of Z-Wave technology provides wide scope of systems that can be managed within this system. DAKO Smart Home cooperates, among others, with motion sensors, smoke detectors, thermostats and other sensors.

CAPABILITIES OF THE SYSTEM

- Opening and closing of garage doors and roller blinds as well as awnings and blinds
- Switching off/on and controlling other devices (including RTV, AGD, watering, video surveillance)
- Management of the alarm, fire protection, heating, air conditioning, ventilation and lighting systems

CONTROL

- Real-time remote control by use of safe application downloaded on the computer, tablet and smartphone
- Automatic control over devices after their appropriate programming depending on the day, time, insolation, downfall and other factors





Carefully selected elements of TaHoma managing system are intended to control the work of DAKO automatic garage doors and roller blinds.

CAPABILITIES OF THE SYSTEM

Opening and closing of garage doors and roller blinds

CONTROL

- By use of control panel
- Control via Internet by use of computers, tablets and smartphones

DAKO-SMART CONTROL

The innovative centre allows to integrate the automatic control of domestic devices in one handy unit of wirelessly managing system controlled with smartphone or tablet. The system is characterised by easy installation and provides great flexibility in terms of configuration allowing for controlling, e.g. roller blinds and garage doors. The intuitive application for system service is available free of charge.

CAPABILITIES OF THE SYSTEM

- Opening and closing of garage doors and roller blinds
- Control over textile roller blinds, awnings, watering system, garden and house lighting

CONTROL

- Remote control with smartphone or tablet by use of special application
- Fast and intuitive scenarios programming due to which, for example, roller blinds can be opened at any time of the day or on certain days of the week
- Possibility to control the centre from any place on the world due to Internet connection



DREAMS NEED AN IDEA...

That is why we created HarmonyLine - the idea whereby your dream of a beautiful home becomes a reality.

Visit our website and download HarmonyLine folder www.dako.eu



HarmonyLine is a unique idea of a common design of windows, doors, garage doors and roller blinds. This idea allows our clients to find a solution matching the individual character of the building.



THE EXEMPLARY COMPOSITIONS OF HarmonyLine



...DEFINITE STEPS MAKE IDEAS ALIVE

Therefore, we designed **12 COMPLETE CARPENTRY SETS** of HarmonyLine, in popular configurations and dimensions.

- 12 ready-made compositions prepared by DAKO designers
- 5 colour variations of each set
- 3 materials: PVC, ALUMINIUM, TIMBER.



WINDOWS | ROLLER BLINDS | DOORS | GARAGE DOORS

PVC | TIMBER | ALUMINIUM



Every single day around the world...

thousands of people test DAKO products in the most demanding testing ground – the laboratory of the real life. DAKO products are used, among others, by people of modern and exotic Japan or living in historical capitals of Europe as well as cold, far north and hot regions of Southern America.





₽DAKO°

Find out more: