

PHOTOCELL AUTOMATIC SLIDING DOOR SLA





Flexible Solutions

You can choose your SLA model automatic sliding door as one-way or two-way opening according to the physical conditions offered by the environment you will apply. SLA's technological infrastructure offers you maximum flexibility when choosing the accessories for your door, so that you can choose the most suitable devices for your usage scenario. The SLA motherboard unit, which is supported by a software developed by taking into account all kinds of needs of the users and utilising the latest technological possibilities, supports all kinds of activators, from a simple button that you can position near the door to a hand sensor, card reading device, high-tech biometric readers such as fingerprint or retina readers, except for remote sensing radar sensors, and offers you a wide range of possibilities for the smooth operation of your door. The modular structure of SLA automatic sliding doors has a flexible and rich product range that you can choose from Monador wing systems according to your needs. SLA automatic sliding door mechanism and MD series wing system, which are the result of a deep-rooted knowledge, are designed to fully meet your technical and aesthetic needs.



Aesthetic Appearance

In the MD100 series wing profiles, which are the standard complement of SLA model mechanisms, while aesthetic appearance is aimed, the durability and function of the profiles have not been compromised. This profile system, with a width of only 30 mm at the vertical seams, allows you to create a door with elegant lines without sacrificing airtightness thanks to effective sealing gaskets and brush detailing on horizontal and vertical lines.

Colour Preferences

You can choose our natural anodised ready-made products for wing profiles and mechanism cover, or you can choose a colour from the electrostatic powder paint chart that offers the most suitable colours for the decoration of the environment where the door is located and ensure that your door integrates with the environment.

You can choose transparent or translucent bronze, smoked and opaque glass types as sash glass, or you can use many different sash surface finishes such as painted glass without light transmission with your SLA mechanism and MD series sash systems.

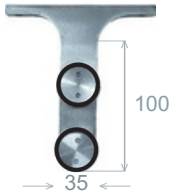


Versatile Usage

You can combine your SLA mechanism with different wing series for special applications. By using the MD200 series profile system, which has wider and stronger profiles, you can make your door more resistant to strong winds, or in buildings where hygiene areas such as hospitals are at the forefront, you can use MD300 series wings with antibacterial laminate or stainless surface finish details in the same comfort as standard glass wings.

Profile-less Design

SLA model doors have a special hanger apparatus that allows the glass to be used plainly without being enclosed in a frame with profiles when the door is preferred for its divider feature rather than its air and sound insulating feature.



Conceptual Integrity

The structural and visual diversity of the door leaves enables the door to be integrated into the concept and the product to become part of the design.

Maximum Transparency

Stainless steel brackets, which allow the glass to be connected to the trolley assembly moving in the mechanism, are fixed to the holes drilled in the glass and the glass panel, whose edges are smoothed by a grinding process, is used as an automatic sliding door leaf offering maximum transparency without the need to be enclosed in a frame.





MD300 series blades, which are frequently used with SLA mechanisms, are designed to be used in any environment where hygienic precision, controlled air circulation and extra sound insulation are required, especially in the specific requirements of hospital sterile areas. Optionally, an observation window can be preferred on the door wing panel, facing the wing surface.



The surface of the MD300 series wings can be covered with laminates with a wide range of colours and patterns in the antibacterial laminate cartel or stainless steel plate.



The profiles forming the sash frame and the mechanism cover can be personalised by combining them with a powder-coated colour code or anodised colouring to match the colour used in the sash filling. MD300 series winged SLA mechanisms, which are also used in radioactive process rooms, are candidates to be your indispensable automatic sliding door in every environment with the total solutions it offers, since it is suitable for the use of 2 mm lead sheet and leaded observation window in the wing.



SLA Control Panel

When designing the SLA controller, we aimed to provide you with a user-friendly menu that will allow you to make even the finest settings easily. In the front menu, you can see any of the six positions that can meet every purpose of use on the LCD screen using the right and left arrow keys and activate its use by pressing the OK confirmation key.

Manuel



This is the position where the door is used manually. This position is usually used when cleaning and maintaining the sash.

Automatic



This is the standard operating position of the door. The door opens and closes automatically as a result of the sensing of the opening accessories.

Lock



If the electromechanical lock accessory is fitted, the lock is activated and the door can only be opened by releasing the lock when an authorised access command is given.

Open



When the door is switched to the open position, it opens automatically and the door remains open unless the position is changed. It is generally used for goods transitions.

Exit



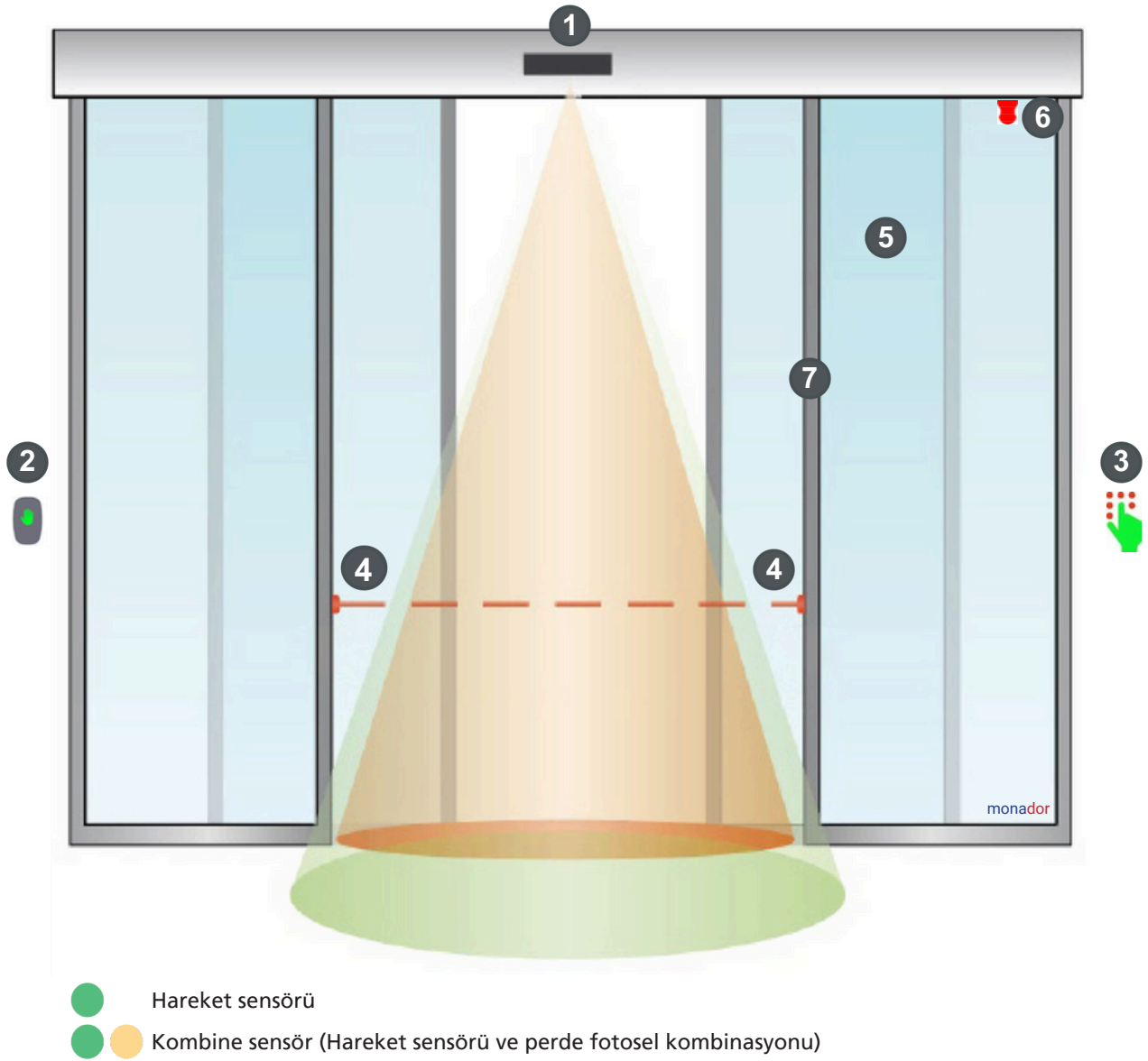
The detection of the door in the entrance direction is deactivated and the door is opened unidirectionally only for people leaving.

Summer-Winter Location



The door opening is opened to a lesser extent than set. This position is often used to restrict the escape of conditioned air during the months when heating and cooling devices are used intensively.

When you switch to the submenu, you can easily adjust the opening and closing speeds, braking and open waiting times of the door and optimise your door to best suit your needs. In addition to a wide range of operating positions and fine adjustment possibilities, the SLA control panel offers you a sophisticated fault indication feature as standard. The fault is indicated on the LCD display with a code indicating the location of the fault. With this feature, you can perform some very basic maintenance requirements such as dust accumulation on the sensors yourself, saving service waiting time and service costs.



1 Remote Detection

- Microwave radar sensor
- Combined sensor (Radar and curtain photocell combi-)

2 Close Detection

- Hand sensor
- Button

3 Prohibited Transition

- Password encoding device
- Card reading device
- Biometric readers etc.

4 Safety Photocell

Point photocell detecting presence in the transition gap

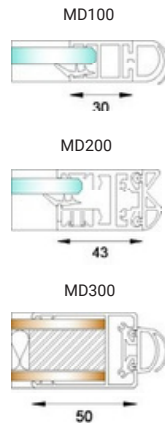
5 Glass

- Max 10 mm for MD100
- Max 20 mm for MD200

6 Lock Release

Ensures that the lock is released in case of emergency

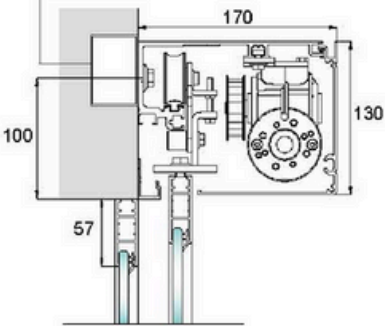
7 Wing Profiles



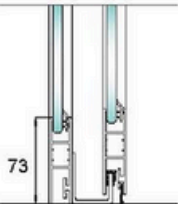
- On-Off Speed :0,6 m/s
- Maximum Closing Speed :0,6 m/s
- Open Duration :0 - 45 s
- Mains Power Connection :230 VAC , 50 Hz
- Driver Power :max 150 N
- Protection Degree :Dry areas only
- Power Consumption :120 W
- Ambient Temperature :-15 / +50 °C
- Wing Weight :1x150 kg / 2x120 kg
- Quality Standard :EN 16005
- Safety Norm :TÜV Nord

SLA Mechanism and MD100 Profile System

Direct application on in-beam reinforcement

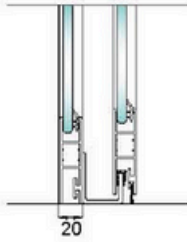
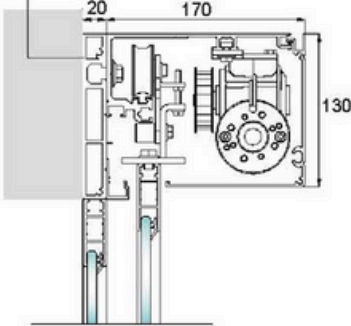


MD100 Profiled sashes

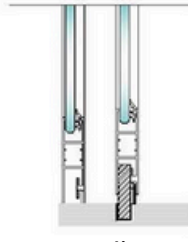
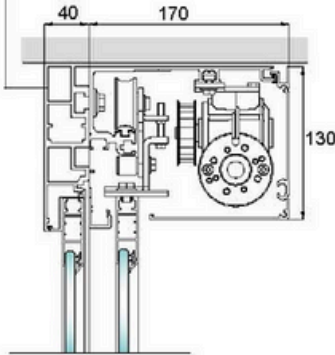


Detail A

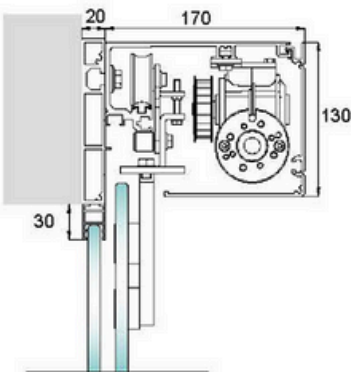
DTK carrier system profile



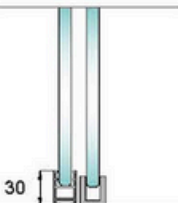
ATK carrier system profile



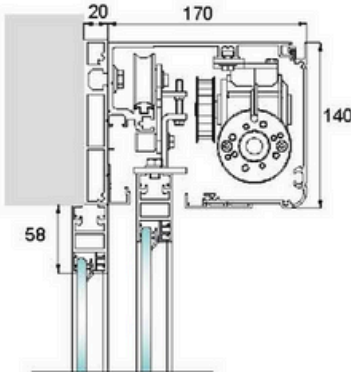
Detail B



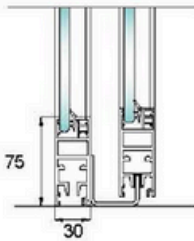
Unprofiled glass wings



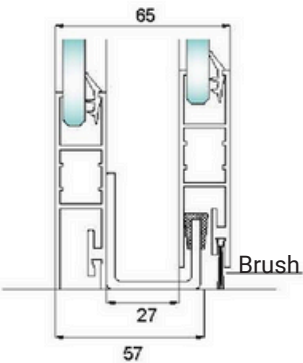
Detail C



MD200 Profiled wings

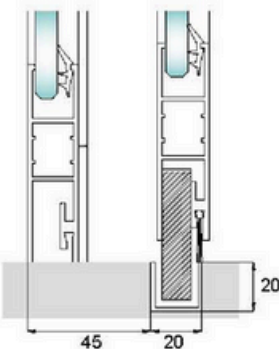


MD100 above ground guide detail



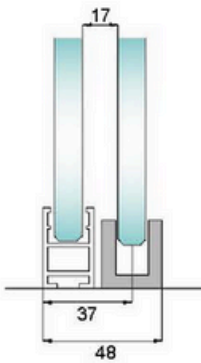
Detail A

MD100 underfloor guide detail



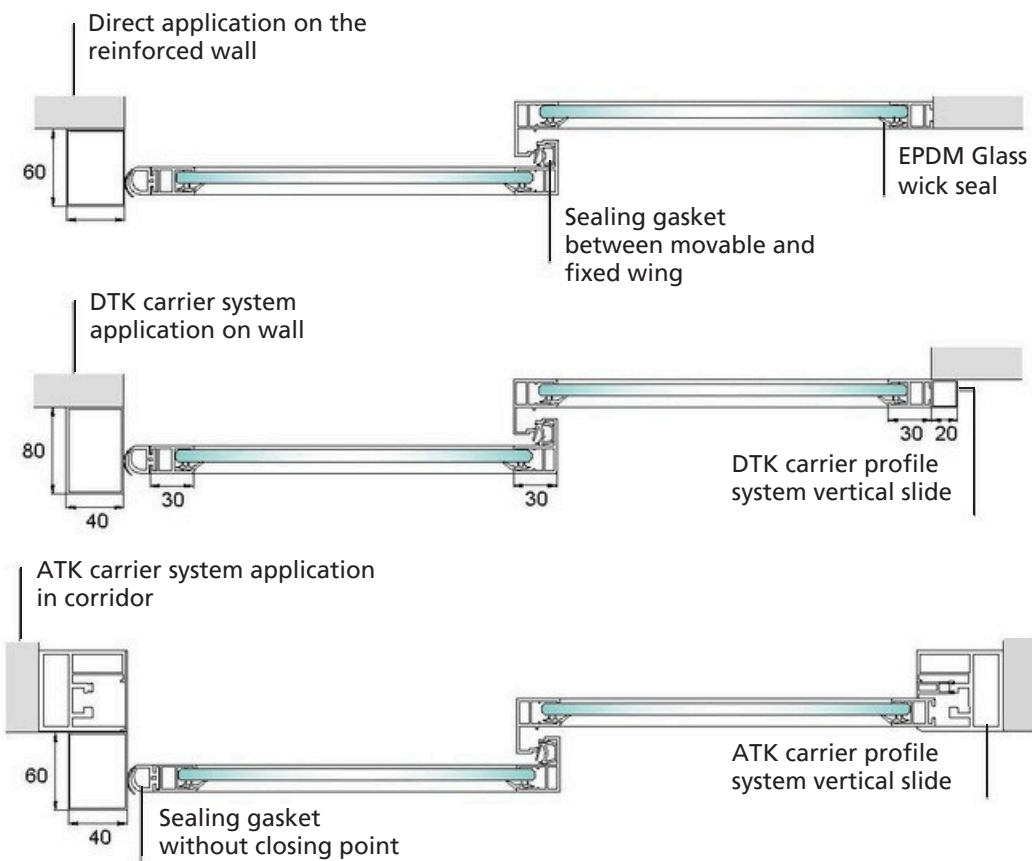
Detail B

Unprofiled glass wing guide detail

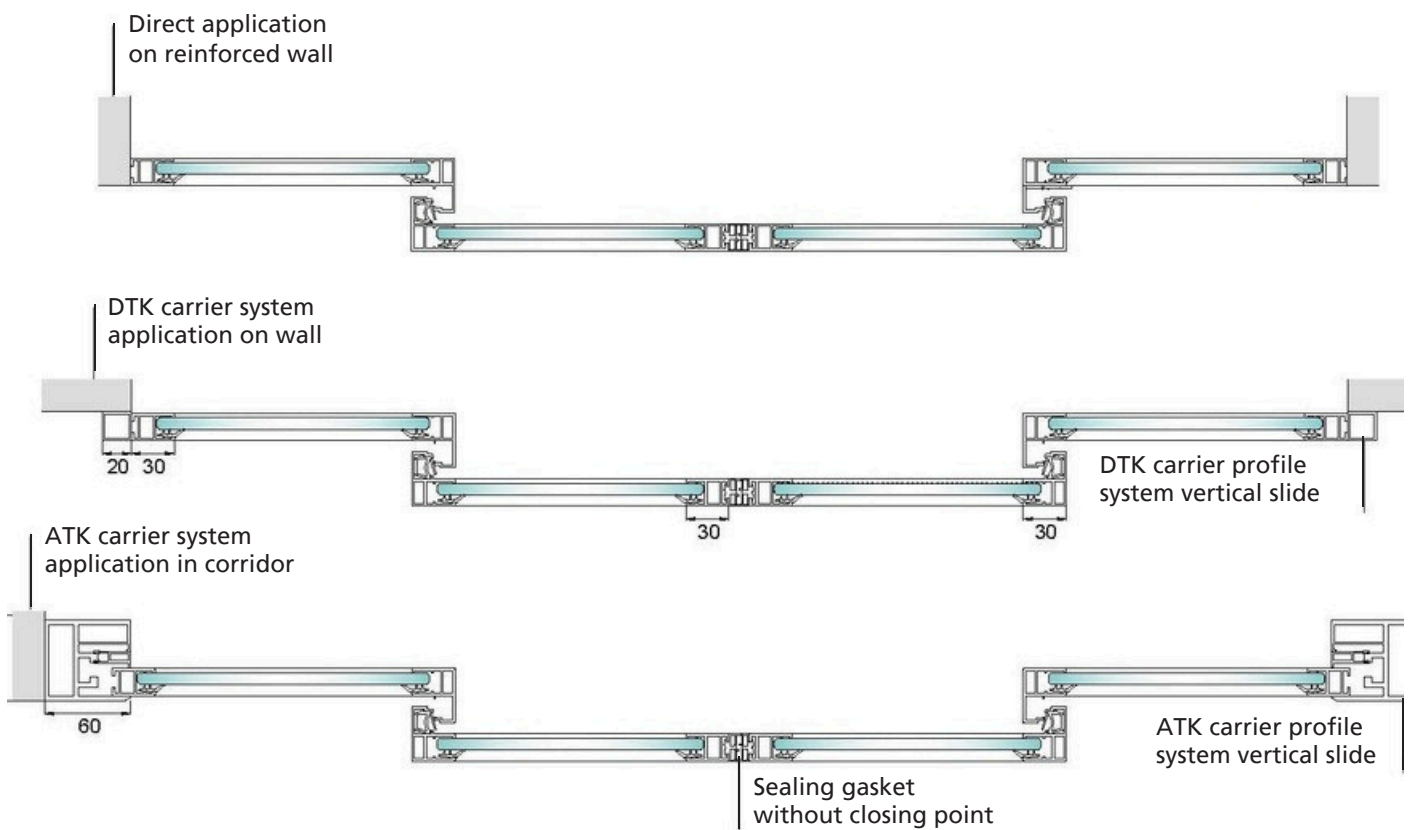


Detail C

1 Movable, 1 Fixed Wing Applications



2 Movable, 2 Fixed Wing Applications



CLIMATIZATION

The process of adjusting the temperature, humidity, cleanliness and air movement of a closed environment according to human health and comfort is called air conditioning. We know that our automatic door models, which combine advanced technology with research on human behavior and building environment, will contribute to sustainable and healthy buildings. With smart sensors, adaptive operating modes and connectivity, we can ensure that every building makes a difference and contributes to the future of green buildings.



EXPERIENCE AND KNOWLEDGE

Monador Automatic Door Systems Trade Inc. is the leading organisation that laid the foundations of the sector. With this understanding, we are proud to continue to provide the service of automatic sliding, magnetic sliding, revolving, security system doors, which we have been implementing in Turkey and the Middle East since 1988. As a result of the experience and knowledge we have gained, with our professional teams, we provide 24/7 service to our customers after sales or after assembly. Our products with superior technological equipment are provided to provide trouble-free service.

SERVICE & MAINTENANCE SUPPORT

Our periodic maintenance packages are **Platinum**, **Gold** and **Silver** presented in three categories.

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