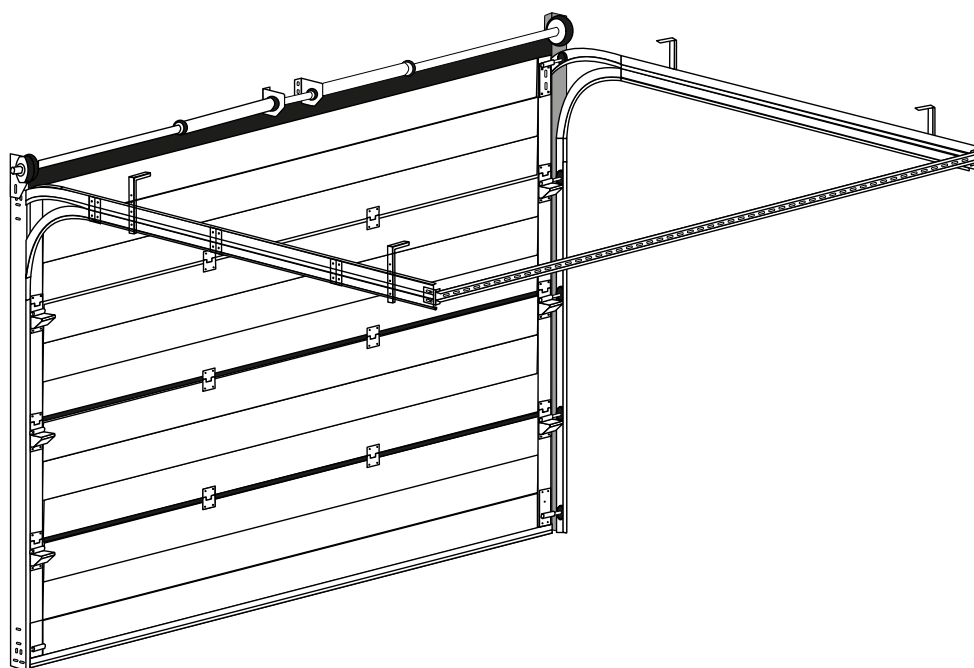


Instructions for use and maintenance of sectional garage doors





To maintain people's safety, please follow these instructions. The instructions must be retained throughout the use of the device.

This manual is intended for the user of a sectional door. Please read it before using the gate for the first time. It contains the necessary information to ensure safe use and proper maintenance of the gate. The instructions must be kept for the entire duration of use of the gate. If you sell a sectional door, please provide this manual along with the product.

1. GENERAL

The product should be used in accordance with its intended purpose. The sectional door is intended for use in construction, mainly on external walls of garage rooms. If the product is used and modified in a way other than described in this documentation, it is used improperly. Making arbitrary changes that affect the operational safety of the product is unacceptable.

1.1. PRODUCT

The manufacturer of the sectional gate is: FILL Sp. z o. o.

**street Staszica 7
32-640 Congestion**




The manufacturer makes every effort to ensure that the product meets all customer requirements and is at the same time compliant with all production standards for sectional doors.

Maintained production and product standards:

Lp	Item	European Legal Basis	Polish Legal Basis
1	Gates - Product standard, specific operational characteristics	EN 13241+A2:2016-10	PN-EN 13241+A2:2016-10
2	Construction products (CPR)	Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011	Regulation of the Minister of Economy of October 21, 2008 Journal of Laws 2008 No. 199, item 1228) 1228, as amended (Journal of Laws 2011.124)

1.2. EXPLANATIONS AND

Below are symbols (pictograms) indicating particularly important information and terms used in this documentation along with their definitions.

Pictogra	Meaning of the	informati
	pictogram INFORMATIO N	Before using the product, please read the use and maintenance instructions.
	INFORMATIO N	Important information.
	ATTENT ION	Possibility of danger and damage.

Sectional door: a construction product that covers an opening that opens vertically and remains under the ceiling when opened. Thanks to this, the maximum amount of space in and around the garage is maintained. **Sectional doors** are composed of single panels made of steel and polyurethane foam with high thermal parameters. **Panel:** a component of the product, it is a single segment of a certain height made of galvanized steel and filled with polyurethane foam. **Several panels** connected with hinges constitute the casing of a sectional door. **Guide:** a component of the product in which the track rollers attached to the panels move. They enable vertical and horizontal movement of the door leaf when opening and closing the shutter. **Springs:** a component of the product in the form of torsion springs (SRF guides) or tension springs (RSN guides). Their proper adjustment, adapted to the size and weight of the gate, allows for correct, uninterrupted operation of the product. **Electric drive:** a device that uses electricity to set a group of panels in motion and raises and lowers them.

1.3. PRODUCT DESIGNATION

Sectional garage doors are a unique technical solution that meets the highest user requirements. Sectional doors open vertically upwards and then at an angle of ~90 degrees. are introduced into the room in guides adapted to the size of the door. This allows you to use the entire area in the garage and in front of the garage without restrictions. The special design of the panels (Finger Safe) guarantees safety - accidental pinching of fingers when closing or opening the gate is impossible. The gate is standardly equipped with an internal bolt and protection against spring breakage. If the springs are damaged, the gate immediately blocks and is impossible to use. Product main features:

- used in newly constructed or existing buildings
- complex construction of 40 mm thick segment panels
- panels made of galvanized steel, filled with CFC-free polyurethane foam
- high thermal insulation of the panels $U=0.54$ [W/m²K]
- panels available in three heights: 500 / 555 / 610 mm
- wide selection of guides for gates, ensuring the greatest possible space savings
- many product configuration options

The gate, as an individually configurable solution, can be equipped with additional elements, such as service doors and panel glazing, or security elements, such as photocells, reed switches and microswitches.

2. TECHNICAL

2.1. PRODUCT CHARACTERISTICS

A full order for even the basic product configuration, such as a sectional garage door, should include a set of elements enabling its correct operation after proper installation at the target location. The purpose of a sectional door is to cover the opening and isolate the interior from external factors as much as possible. The main surface providing protection are single panels (segments), which, connected using hinges mounted on the inside of the room, form the door shell. The entire unit is raised and lowered manually or electrically by a drive using appropriately adjusted springs, ensuring light and even operation of the product. Properly selected and adjusted gate guidance ensures the possibility of vertical movement of the panels and their horizontal arrangement under the ceiling inside the room. This solution allows for a wide range of development of the area both in front of the opening and inside it. Each sectional garage door has the following safety elements in its basic equipment:

- **internal bolt: it allows you to manually secure the gate against lifting. His blocked-**
no and unlocking can only be done from the inside of the gate.
- **protection: spring breakage - thanks to this solution, in the event of damage (e.g. breakage) the**
spring gate will be immediately blocked from falling.

Additional elements that can be used in a sectional door with an electric drive are: • photocells: their installation in the opening allows the door to be stopped when a break is detected.

damage to the gate's operating axis.

- **microswitch: a device that allows the transmission of information, e.g. about the gate being locked or**
not the possibility of lifting it. Thanks to this solution, the drive will not start and will not damage the product.

- **reed switch: a device installed in sectional doors equipped with a service door.**
It prevents the gate from operating when the door is open and could be damaged.

2.2. COMPONENTS

Regardless of the selected sectional door option, the installation kit consists of the following elements:

- Gate panels, • Guiding elements, • Torsion springs
with shaft (in the case of SRF), • Additional
accessories (hinges, rollers, handles),



The manufacturer does not provide mounting elements such as screws, pins or anchors. The person performing the installation should anticipate such elements in advance and equip them on their own - particular attention should be paid to the appropriate selection of accessories depending on the mounting surface.

2.3. SERVICE

Manually controlled gate.

The manually operated sectional garage door is standardly equipped with an internal bolt and optionally with a Kastel lock. After unlocking the internal bolt/castel lock, use the handle to raise the gate to a convenient height using the handle located on the door leaf. The gate should be operated smoothly, without sudden movements.



Before lifting the door leaf, always make sure that the internal bolt/castle lock has been unlocked. When closing the gate, the internal bolt/castle lock must be locked.

The gate is controlled by a drive.

A sectional gate with an electric drive is controlled by a remote control, which must be programmed during installation. When you press the button for the first time, the gate will move up, when you press it a second time, the gate will stop, and when you press the button for the third time, the gate will close. The drive unit consists of the following elements:

- motor head with a built-in lamp,
- guide assembly with a cord for manual opening of the gate,

Before starting the gate for the first time, read the operating instructions for the drive installed in the gate.

If there is no additional entrance to the garage, it is recommended to install an emergency unlock of the drive on the door leaf, which will release the lock. In this case, it is possible to operate the gate manually. To reactivate the lock on the gate, manually raise the gate to such a height that the lock locks.



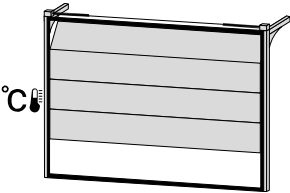

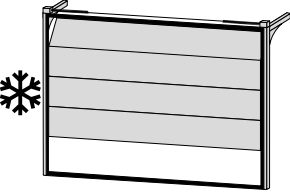

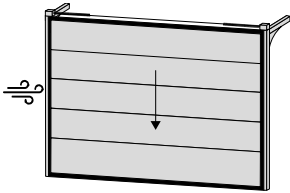

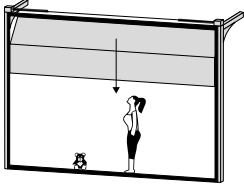

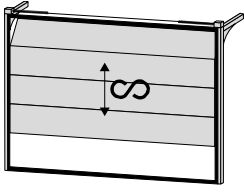
The gate is standardly equipped with an internal lock without a microswitch, so before each operation of the gate, make sure that the lock is unlocked. Otherwise, when you turn on the drive that is supposed to move the gate, the product will be damaged. Do not install the drive in a place where water could damage it.


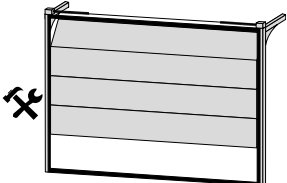

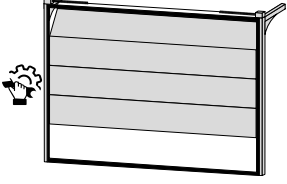


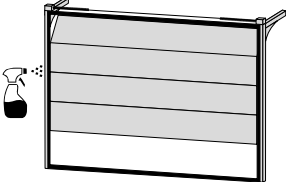
3. OPERATION AND SAFETY



The manufacturer is not responsible for improper explanation of its products, as a result of which failure to follow these instructions may result in loss of the product warranty. During use of the gate, abrasion occurs at the junction of the organic coating and the vertical seal. This applies to every situation when the reference coating of the panels comes into contact with a foreign element. Therefore, the external cladding of the panels is protected with the Duplex method, i.e. a metallic coating (galvanization) and an organic coating (lacquer).

3.1. OPERATING

<p>Operating temperature Operation of the sectional door is only allowed at an ambient temperature between -25°C and +65°C.</p>	
<p>Gate operation during frost In case of negative temperatures, this may occur icing of the seals. If protection are used, the motors without overload it is necessary to turn off the gate automation.</p> <p> The product can be used after removal of ice.</p>	
<p>Gate operation during windy weather</p> <p>During windy weather, the gate may work hard.</p> <p> This product is resistant to gusts of wind, but it is required that</p> <p>When strong gusts of wind occurred, the gate was in the end position (closed or open).</p>	
<p>Gate operating zone</p> <p>When closing the gate, make sure that there are no obstacles in the working path.</p> <p> There must be no persons or objects in the gate's operating zone that will</p> <p>prevent</p>	
<p>Normal gate operation It is recommended not to exceed the maximum daily gate cycle, i.e. 20 cycles. (1 cycle - opening and closing).</p> <p> In case of failure to comply with the recommendations, value, the lifespan of the gate may be</p> <p>shortened or even a failure may occur.</p>	

<p>Repairs If performance problems occur gate, please contact the manufacturer.</p>	
<p> Do not carry out repairs on your own.</p>	
<p>Maintenance It is recommended to regularly</p>	
<p>check the components the gate in terms of blocking or other damage occurs.</p> <p> Failure to disconnect the power supply from the gate during work may result in</p>	
<p>Cleaning It is recommended to clean regularly, using a de-appropriate measures.</p>	
<p> Failure to disconnect the power supply from the gate during work may result in electric shock.</p> <p> Do not use pressure washers. Before cleaning, read the warranty for glazing systems and windows and make</p>	

sure that the glass is made of scratch-

Failure to follow the above-mentioned recommendations may lead to:
resistant material. Mate-

- Damage to the product, Endangering the gate operators,
- System malfunction.
- **materials with low resistance, e.g. standard SAN, are easy to scratch.**

3.2. HEALTH

- During installation, maintenance and repairs, occupational health and safety rules must be observed.
- Repairs should be carried out by authorized and trained persons. The buyer is responsible for providing users with instructions on how to use the equipment and follow them. All maintenance and cleaning work
- must be performed in accordance with these instructions, while maintaining safety requirements. Follow
- the markings on the product (e.g. pictograms, movement arrows). In the case of work performed around the
- gate (e.g. painting, drilling), the gate should be protected against possible damage. Before starting repair
- work, disconnect the product from the power supply. Do not allow untrained people or children to use the
- product.



4. GATE MAINTENANCE AND CLEANING

Maintenance and repair work should be carried out by the manufacturer's qualified service or its authorized representative. Simple maintenance operations can be performed by the gate user. These activities involve maintaining the cleanliness of the gate casing and removing impurities. The following rules must be observed:

- maintenance activities should be carried out when the gate is parked and the power supply is disconnected,
 - do not use sharp or rough tools to clean the gate,
 - wash the gate surface with water using a small amount of mild neutral detergents.
- tranal. Protect the gate against aggressive or corrosive substances.

The gate user can also make minor repairs, including:

- assess the condition of the upper and lower seals, remove contamination if necessary,
- check whether all screws are tight, tighten them if necessary,
- if necessary, use an oil can or syringe to lubricate the hinges (middle) with engine oil
- and side), rollers and springs (occasionally a chain). Clean the guides with a dry cloth.


Maintenance	Cleaning
<p>Regularly check all visible parts of the gate for blockage or damage. If you detect any damage or operational irregularities, do not repair the gate yourself, but use the services of a service technician.</p> <p>Failure to disconnect the gate from the power source during maintenance activities performed on electrical connections may result in electric shock. Work related to electrical parts may be performed by persons with appropriate qualifications.</p> 	<p>To ensure long-term durability, it is recommended to regularly clean the door leaf surface. Use appropriate cleaning agents for cleaning.</p> <p>Failure to disconnect the gate from the power source during cleaning in the electrical connections may result in electric shock. All foreign bodies and dirt should be removed regularly</p> 

4.1. CLEANING GLAZING AND

Before cleaning, read the warranty for glazing systems and windows and make sure that the glass is made of scratch-resistant material. Materials with low resistance, e.g. standard SAN, are easy to scratch. To minimize the risk of scratches or other damage to the glass surface, follow these instructions:

- clean the glass surface with compressed air or wash it with a running stream of water
- then use the most appropriate and gentle cleaning tool, such as a car washer with a constant stream of water. A suitable cleaning agent is a gentle dishwashing liquid that does not contain alcohol.

To dry the glass surface, you can use a soft suede cloth that absorbs water.

- DO NOT USE:** • squeegees, scrapers or blades, • abrasives, solvents or window cleaners containing alcohol, • high-pressure cleaners, • too much water, as this may cause the windows to fog up later.
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5. COMM

- The manufacturer is not liable for damage resulting from improper operation or poor maintenance. Any damage caused by force majeure, special weather conditions or natural wear and tear is not subject to complaint. The condition for a complaint to be accepted is to submit it in writing and provide proof of purchase. The manufacturer is not responsible for any changes or corrections made to the gate structure or the installation of additional elements that were not planned or consulted in writing with the manufacturer. In the event of an unjustified complaint, all costs incurred by the manufacturer to consider the complaint are covered by the complainant.
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6. CE

Example of product marking with a CE label for facade gates.



7. PERIODIC INSPECTIONS

It is recommended to carry out an inspection (every 12 months) to check the complete condition and effectiveness of construction elements and electrical, control and safety devices.

Confirmation of inspections.

Dat a	Description of the work performed	Company name and name and service- technician, signature surname

8. TERMS OF WARRANTY

1. The warranty is provided by FILL Sp. z o. o. (hereinafter referred to as the Manufacturer) with its registered office in Głogów, Staszica 7, 76-100.
2. The warranty is valid only together with the proof of purchase. In the case of facade gates, the warranty period is 24 months, while for the electric drive and accessories: 36 months.
3. The manufacturer will fulfill warranty obligations when the buyer provides proof of purchase, as follows also a warranty card.
4. The buyer submits a complaint to the seller from whom the product was purchased, and if not it is possible – directly to the manufacturer.
5. The warranty does not cover the effects resulting from incorrect installation, use of accessories, additional items not included in the list of mandatory elements, improper use, natural wear and tear of materials, the impact of external forces or failure to comply with the instructions.
6. The warranty will not be covered in the event of scratches, dullness or damage resulting from the use of the products or cracks.
7. The warranty also does not apply to elements that are exposed to frequent exposure due to their composition use, e.g. seals, cables, etc. Improper transport on the part of the seller and buyer, which will negatively affect the product, as well as possible service/repair by an unqualified team, are not grounds for filing a complaint. Any interference by the seller/buyer in the visual aspect of the product (removal of the trademark, identification marks, etc.) will void the product warranty.
- 9.
10. The Seller/Buyer is obliged to check the goods upon receipt for any defects quantitative and obvious product
11. Goods received by the seller/buyer without any reservations are considered to be goods without defects.
12. Hidden defects, i.e. defects impossible to detect at the time of receipt of the goods, the buyer is obliged to report in writing immediately after their discovery, but no later than 14 days from receipt of the goods.
13. Warranty obligations are considered within 21 days from the date of receipt of the notification.
14. The manufacturer is not liable for any damage incurred by the buyer as a result of failure or malfunction product, during the warranty period and after the warranty period
15. If the seller/buyer reports a fault or defect that is, in his opinion, covered by the warranty, and as a result of inspection by the Manufacturer it turns out that the goods are not damaged or the defect or damage is not subject to repair under the warranty, the manufacturer will inform the seller/buyer about the amount of the costs repairs. The Seller/Buyer will be charged with the costs of providing the paid repair service.
16. The Seller/Buyer ensures that the installation will be carried out by qualified persons, and in the case of electrical connections, by persons with SEP qualifications. The Seller/Buyer is solely responsible for incorrect installation.
17. If there is a large temperature difference between the inner part of the garage and the outer part, the panels may be deformed - which is not a disadvantage, but an advantage of the product. Equalization of temperatures will result in a return to its original shape.
18. The Seller/Buyer is obliged to remove the protective foil from the door leaf immediately after completed assembly.