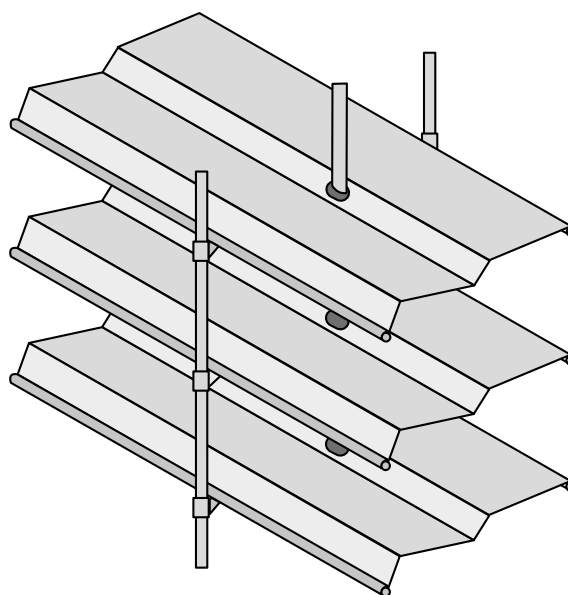
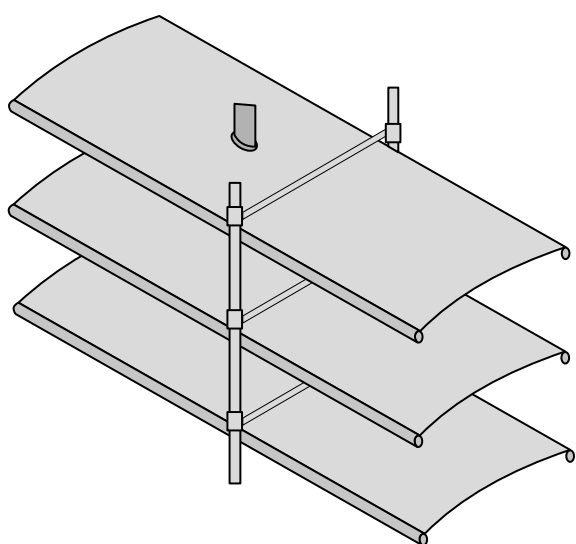


Instructions for use and maintenance.

Facade blinds

C-80 / Z-90





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 the blinds. Please read it before using the blinds for the first time. It contains the necessary information to ensure safe use and proper maintenance of the blinds. The instructions must be retained throughout the use of the blinds. If the blinds are sold, this manual must be provided with the product.

1. GENERAL INFORMATION

The product should be used in accordance with its intended purpose. The blind is intended for external use in construction as an additional cover for window openings. 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 blinds 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 standards for the production of facade blinds.

Maintained production and product standards:

Lp	Item	European Legal Basis	Polish Legal Basis
1	Blinds including blinds external slatted walls - operational requirements including safety	EN 13659:2015-07	PN EN 13659:2015-07
2	Outdoor curtains and awnings - Operational requirements including safety	EN 13561:2015-07	PN EN 13561:2015-07
3	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 DEFINITIONS

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

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

Facade blind: external sun blind, foldable, mounted on a window or facade. The sun protection function is performed by single slats (slats) mounted in ladders made of material, which are raised, lowered and changed the angle of inclination by an electric drive or a manual mechanism. **Lamella:** a component of the product, made of aluminum and fulfilling the main sun protection function. A group of slats connected by ladders creates a package mounted in the facade blind box. **Guide:** a structural element required to properly lower and raise the slats. **Electric drive:** a device that uses electricity to set a group of slats in motion and raises, lowers and changes the angle of inclination of the slats.

1.3. PRODUCT DESIGNATION

The task of the facade blind is to regulate the flow of sunlight into the room. Thanks to the use of movable slats, we are able to actively regulate the amount of sunlight reaching the building. Blinds also have a decorative function, improving the external appearance of the building.

2. TECHNICAL INFORMATIONS

2.1. PRODUCT CHARACTERISTICS

A full-fledged product order, such as a facade blind, should include a set of elements enabling its proper operation after proper installation of the product in the target place. The selection of mounting elements, the selected façade blind system, as well as the place and method of installation should be made by a person with specialist knowledge of the product. Among the available facade (slat) blind systems, there are two main blind systems to choose from: mounted on handles marked KS and self-supporting marked SM. Each system can be equipped interchangeably with C-80 or Z-90 slats. The KS system is equipped with guides mounted on dedicated spacer holders, which only function to guide the slats in the vertical axis. The weight of the installed blind rests on the mounting brackets inside the blind box, which are attached to the mounting surface. The guides are not connected to the blind box in any way. This system can be equipped with guides made of steel cable, significantly reducing the blinds' resistance to weather conditions and their resistance qualifications. The SM system is equipped with full guides consisting of an adapter and a proper guide, which, in addition to guiding the slats in the vertical axis, also serve as an element on which the entire structure is supported and mounted to the mounting surface. The blind box is permanently connected to the guide adapter. C-80 slats are characterized by a partially flat surface when set in the "closed" position, as well as the ability to rotate the slat angle (kinematics) within a range of 180 degrees. Z-90 slats are characterized by a "stepped" surface when set in the "closed" position, as well as the possibility of rotating the slat angle (kinematics) within the range of 90 degrees. The slats are equipped with an additional seal, which ensures greater tightness of the closed blind and quieter operation of the product.

2.2. COMPONENTS

Regardless of the selected façade blind model, the installation kit consists of the following elements:

- Blind box,
- Blinds package with electric drive,
- Blind guides,



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 taking into account the mounting surface.


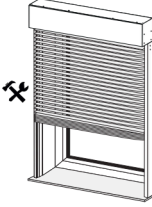

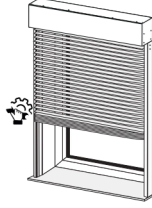

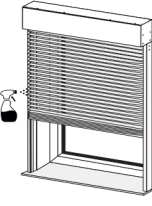
3. OPERATION AND SAFETY



The manufacturer is not responsible for improper use of its products, as a result of which failure to follow these instructions may result in loss of the product warranty.

3.1. OPERATING RECOMMENDATIONS

Operating temperature The blinds can only be	
operated at this temperature ambient temperature between -25°C and +65°C.	
Operation of the blinds during frosts. In case of	
negative temperatures, this may occur icing of the blinds. When using a motor, devices without overload protection, you should connect automation to operate blinds.	
The product can be used after removal of ice.	
Blinds operation during windy weather	
In case of strong gusts of wind, the blinds should be closed leaves.	
Lowered blind while opening worth the window may not withstand the load nia by the wind.	
Due to the fact that the facade blind is not a product intended for operation in strong winds, it is recommended to use no wind/weather sensors to protect the Product by lifting it and hiding it in the box.	
Blinds operating zone	
When closing the blinds, make sure that there are no obstacles in the way of the blinds. you	
There must be no persons or objects in the blinds' operating zone that would prevent would ensure its proper operation.	
Normal operation of the blinds It is recommended	
not to exceed the daily maximum blind cycle, i.e. 50 cycles. (1 cycle - opening and closing the blinds).	
In case of failure to comply with the recommendations, value, the life of the equipment may be shortened. looseness or its defect.	
<small>*the actual allowable number of cycles for a given drive may vary depending on the type, model and manufacturer of the drive. Detailed information is available from their manufacturer.</small>	

<p>Repairs In the event of problems with the operation of the clearance, please contact the manufacturer.</p> <p> Do not carry out repairs on your own.</p>		
<p>Maintenance It is recommended to check the components regularly blinds for blocking or other damage.</p> <p> Failure to disconnect the power supply from the blinds during work may result in electric</p>		
<p>Cleaning It is recommended to clean regularly, using a suitable appropriate measures.</p> <p> Failure to disconnect the power supply from the blinds during work may result in electric shock.</p>		

Do not use pressure washers.

Failure to follow the above-mentioned recommendations may lead to:

- Damage to the product, Exposure to the person operating the blinds. System malfunction.
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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. It is the buyer's responsibility to provide 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 blinds (e.g. painting, drilling), the blinds 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.
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4. COMMENTS

- The manufacturer is not liable for damage resulting from improper operation and maintenance. All damages resulting from special weather conditions or natural wear and tear are not subject to complaint. Wear of the paint coating is also considered natural, and after approximately 200 cycles, minor scratches may appear. The condition for considering a complaint is to prepare a complaint protocol, delivered to the manufacturer together with the proof of purchase. A product physically returned to the manufacturer for the purpose of filing a complaint should always be appropriately described and accompanied by a complaint protocol. The manufacturer is not responsible for additional changes and corrections that have not been taken into account by 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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5. CE CERTIFICATE

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

 PRODUCENT ROLET I ŻALUZJI	FILL Sp. z o.o. ul. Staszica 7, 32-640 Zator NIP: 5492472516	Żaluzja fasadowa do zewnętrznego stosowania w budownictwie EN 13659:2015-07 [PN-EN 13659:2015-07]	
		Typ żaluzji: KS z lamelą C-80	Dodatkowy opór cieplny ΔR : 0,08 [m ² K/W]
Numer deklaracji: <small>[numer / rok produkcji]</small> 020831/2022		Całkowita przepuszczalność energii promieniowania słonecznego g_{tot} : 0,01	
Odporność na obciążenie wiatrem: X klasa			

 PRODUCENT ROLET I ŻALUZJI	FILL Sp. z o.o. ul. Staszica 7, 32-640 Zator NIP: 5492472516	Żaluzja fasadowa do zewnętrznego stosowania w budownictwie EN 13659:2015-07 [PN-EN 13659:2015-07]	
		Typ żaluzji: SM z lamelą Z-90	Dodatkowy opór cieplny ΔR : 0,08 [m ² K/W]
Numer deklaracji: <small>[numer / rok produkcji]</small> 020831/2022		Całkowita przepuszczalność energii promieniowania słonecznego g_{tot} : 0,01	
Odporność na obciążenie wiatrem: X klasa			

6. TERMS OF WARRANTY

1. The warranty is provided by FILL Sp. z o. o. (hereinafter referred to as the Manufacturer) with its registered office at Staszice 7, 22-1540 consumer (hereinafter referred to as the Buyer). 2. Proper installation and operation ensure efficient operation of the product. 3. The warranty is valid only together with the proof of purchase. In the case of façade blinds, the warranty period is 24 months. Warranty details for electric drives and accessories can be found in a separate document.
4. The manufacturer will fulfill warranty obligations when the buyer provides proof of purchase, as follows also a warranty card.
5. The buyer submits a complaint to the seller from whom the product was purchased, and if not it is possible – directly to the manufacturer.
6. 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.
7. Defects visible from a distance of less than 3 m (e.g. small scratches, differences in shade) are not a reason to considering the complaint and will not be respected.
8. The warranty will not be covered in the event of scratches, dullness or damage resulting from the use of the products or cracks.
9. The warranty also does not apply to elements that are exposed to frequent exposure due to their composition use, e.g. seals, cables, etc.
10. Improper transportation by seller and buyer which will negatively affect the product as Also, possible service/repair by an unqualified team is not a basis for filing a complaint.
11. Any interference made by the seller/buyer in the aspect of product visualization (removal removal of the trademark, identification marks, etc.) will void the product warranty.
12. The Seller/Buyer is obliged to check the goods upon receipt for any defects quantitative and obvious product defects.
13. Goods received by the seller/buyer without any reservations are considered to be goods without defects. 14. 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. 15. Defects discovered during the warranty period will be removed within the time limit agreed by the parties, but no longer than 14 days from the date of reporting the damage at the Manufacturer's office. In justified cases, such as the need to order non-standard spare parts, this deadline may be extended.
16. Warranty obligations are considered within 21 days from the date of receipt of the notification. 17. Complaints should be submitted in writing, providing a description of the defect and its circumstances occurrence
18. 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
19. If the seller/buyer reports a fault or defect that is subject to warranty in his opinion, and as a result of inspection by the Manufacturer it turns out that the goods are not damaged or that the defect or damage is not subject to repair under the warranty, the manufacturer will inform the seller/buyer of the repair costs. . The Seller/Buyer will be charged with the costs of providing the paid repair service.
20. There is no delay in settling the complaint if the Manufacturer's representative contacts the Customer as agreed within the specified period in order to resolve the complaint (inspection, repair or replacement of the product) and is unable to do so for reasons attributable to the Customer. The deadline for processing the complaint is then extended by the time resulting from the delay. If the Customer prevents the inspection, repair or replacement of the product twice, it is considered that he has waived warranty claims and the complaint will be treated as unjustified.
21. 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.