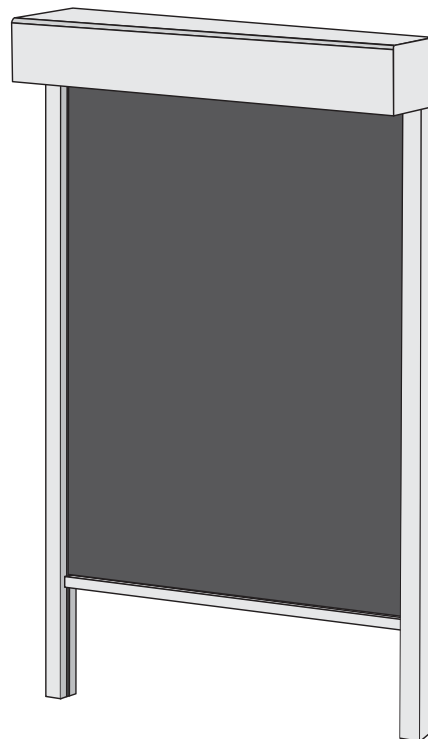


# Instructions for use and maintenance. Screen blinds

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

## 1. GENERAL

The product should be used in accordance with its intended purpose. The roller blind is intended for external use in construction as an additional cover for window openings. If the product is used and modified in a manner other than that described in this documentation, it is being used improperly. Making arbitrary changes that affect the operational safety of the product is unacceptable.

### 1.1. PRODUCT

The manufacturer of the roller blinds is: FILL Sp. z o. o.

**street Staszica 7  
32-640 Congestion**


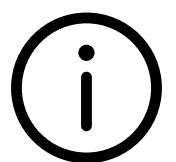

The manufacturer makes every effort to ensure that the product meets all customer requirements and is compliant with all standards for the production of screen blinds.

#### **Maintained production and product standards:**

Lp	Item	European Legal Basis	Polish Legal Basis
1	Outdoor curtains and awnings - Operational requirements including safety	EN 13561:2015-07	PN EN 13561:2015-07
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.

Pictogram	Meaning of the pictogram	Information
	INFORMATION	Before using the product, please read the use and maintenance instructions.
	INFORMATION	Important information.
	ATTENTION	Possibility of danger and damage.

**Screen roller blind:** a sun protection product intended for external use, rolled up, mounted on the window frame or on the building wall in front of the window. The roller blind is equipped with a fabric cover, which is raised and lowered by an electric motor mounted inside the roller tube. **Sheathing:** the component of a product that performs the main sun protection function. It can be made of fabric or other material (e.g. foil). **Guide:** A structural element required to properly unroll and roll the fabric. **Electric drive:** a device that uses electricity to set the fabric in motion and which unwinds and rolls the fabric.

## 1.3. PRODUCT DESIGNATION

The main task of the screen blind is to block the flow of sunlight entering the room. The barrier made of a special perforated fabric focuses the effects of negative UV rays, transmitting a small amount of light and radiation into the building interior (depending on the selected fabric, between 0% - 10%). Screen blinds in basic versions are equipped with ZIP locks, thanks to which the fabric is kept in constant tension along the entire height of the guides - thanks to this solution, the product is highly resistant to weather conditions, especially wind.

## 2. TECHNICAL

### 2.1. PRODUCT CHARACTERISTICS

A full-fledged product order, such as a screen roller blind, should include a set of elements enabling its correct operation after proper installation of the product in the target location. The selection of mounting elements, the selected screen roller blind system, as well as the place and method of installation should be made by a person with specialist knowledge of the product. There are three screen roller blind systems that differ visually and technically, but they always play the same role - sun protection. Screen roller shutter systems can be divided into two groups:

- adaptive systems (S45, S90) - systems intended for installation in existing buildings, they do not require special preparation of the building/installation site for the installation of the product. The guides and the box in this system cannot be built-in due to the required unobstructed access to the roller shutter for service purposes.
- concealed system (SP90) - a system intended for mounting the roller shutter box in the insulation layer. Due to this method of installation, it is necessary to plan the installation work in advance in order to, among others: selecting the appropriate thickness of the insulation layer, applying appropriate insulation of the roller shutter box from the lintel and selecting the appropriate guides. The SP90 system is characterized by the possibility of partial or complete installation of roller blind guides, depending on the selected type. Access to service activities is provided through the inspection cover at the bottom of the roller shutter, which should remain unobstructed throughout the product's lifespan.

At the customer's request, the above screen roller shutter systems can be equipped with guides made of steel cable, which will significantly reduce the product's resistance to weather conditions and resistance qualifications. The roller blind equipped with cable guides does not have ZIP locks.

### 2.2. COMPONENTS

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

- Roller shutter box with fabric,
- Roller shutter guides,



The manufacturer does not provide mounting elements such as screws, pins or anchors. The person performing the installation should predict 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.


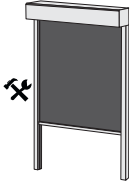

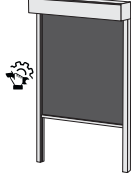

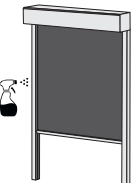
## 3. OPERATION AND SAFETY



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

### 3.1. OPERATING

<p><b>Operating temperature The roller shutter is only allowed to operate at ambient temperature switching between -25°C and +65°C.</b></p>		
<p><b>Roller shutter operation during frosts In case of negative temperatures, this may occur icing on the blinds. When using a motor, devices without overload protection should be connect automation to operate the roller shutter.</b></p>		
<p> <b>The product can be used after removal of ice.</b></p>		
<p><b>Roller shutter operation during windy weather</b></p>		
<p>In case of strong gusts of wind, the roller blind should be rolled up.</p> <p> <b>Roller blind lowered while open worth the window may not withstand the load nia by the wind.</b></p> <p>Due to strong, gusty wind gusts, it is  recommended to use wind/weather sensors to <b>protect the product against damage.</b></p> <p><b>Roller shutter operating zone</b></p>		
<p>When closing the roller shutter, make sure that there are no obstacles in the roller shutter's operating path.</p> <p> <b>There must be no persons or objects in the roller shutter's operating zone that would prevent would prevent it from working properly.</b></p>		
<p><b>Normal roller shutter operation It is recommended not to exceed the maximum daily operating time roller shutter cycle, i.e. 50 cycles. (1 cycle - opening and closing the blind).</b></p>		
<p> <b>In case of failure to comply with the recommendations, the life of the plant may be shortened lets or even glitches.</b></p> <p><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>		

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

**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 roller shutter. System malfunction.
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## 3.2. HEALTH

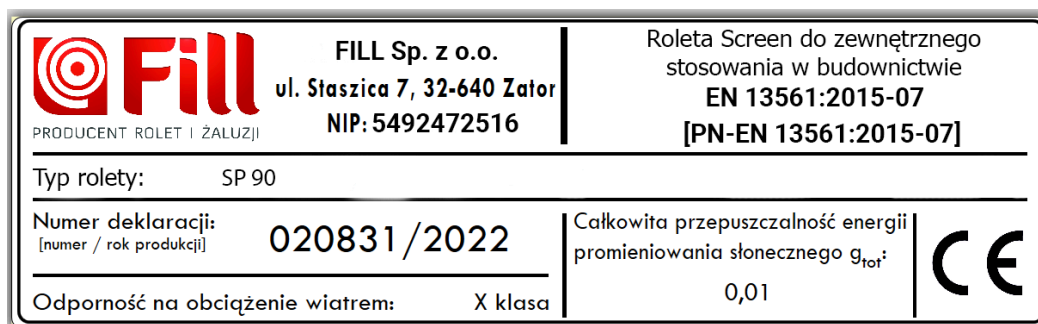
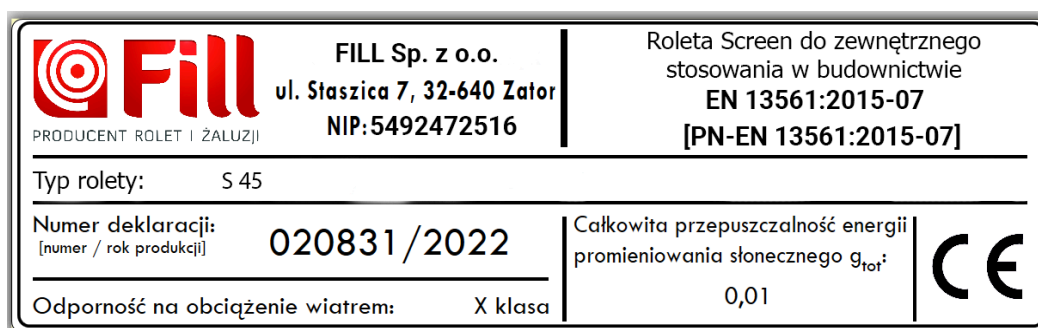
- During installation, operation, maintenance and repairs, occupational health and safety rules must be observed. Repairs should be carried out by authorized and trained persons. The buyer is responsible for providing users with instructions on how to use the equipment and follow them. All maintenance and cleaning work must be carried out 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 roller shutter (e.g. painting, drilling), the roller shutter 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. The drive should be installed and connected in accordance with the instructions dedicated to a given model. The installation should be carried out by an authorized person (with SEP authorization up to 1kV).

## 4. COMM

- The manufacturer is not liable for damage resulting from improper operation or 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 minor scratches may appear after approximately 200 cycles. The condition for considering a complaint is to submit it in writing together with proof of purchase. 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.

## 5. CE

Example of product marking with a CE label for a screen roller blind.

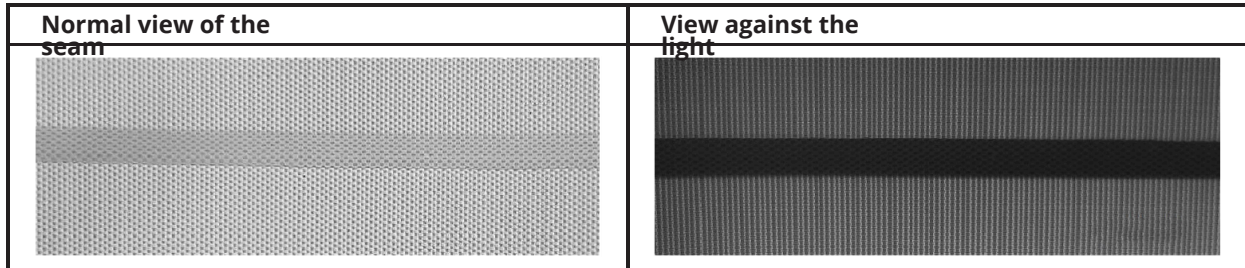


## 6. PRODUCTION PROPERTIES

### 6.1. SEAL

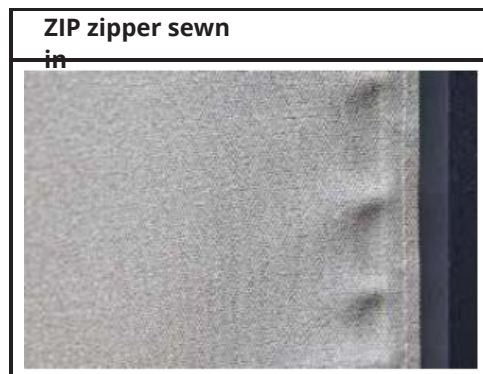
If the width and height of the screen blind with the selected material exceed the width of the beam, the material must be welded. The fabrics are joined at an appropriate temperature, which results in the weld being clearly marked. The double folding of the material contributes to uneven light transmission at the point where the fabrics are joined. This effect is more noticeable for fabrics with a higher openness factor; 5% or 10%. The weld is normally performed horizontally, in the upper part of the roller blind. The occurrence of a seam is not a basis for a complaint.

The graphics below show what the seam looks like on the finished product.



### 6.2. ZIP ZIPPER

Installing a ZIP lock requires welding various material structures (sheathing and zipper), which may result in material waviness. This phenomenon is visible within the guide (weld) and along its entire height. This effect may intensify at low temperatures, as well as in cases where the screen roller blind system remains rolled up for a long time. Wrinkles occurring after the zipper is sewn in are not grounds for complaint. An example of an installed ZIP lock:

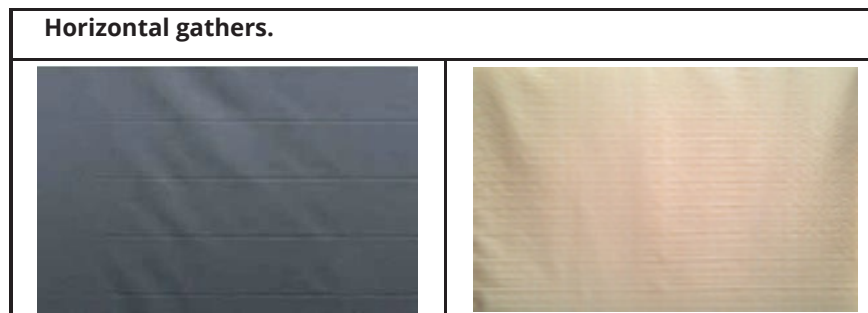




## 6.3. CONNECTING THE MATERIAL WITH THE

Horizontal creases may appear on the cover where the fabric connects to the winding tube. It may happen that the deflection of the winding tube will cause the materials of its central part to wave. This is only a visual effect that does not affect the functioning of the roller blind and does not affect any warranty claims.

An example of the occurrence of horizontal ripples.



## 6.4. WRINKLE OF THE MATERIAL IN THE SHAPE OF THE

During the rolling and unwinding process, the covering is characterized by work (especially in the areas of joints and stitching), which results in the appearance of "V"-shaped wrinkles. To reduce the visibility of the above wrinkle, stop the lower strip of the unrolled fabric 2-3 mm before the end of the guide. The occurrence of wrinkles is not a basis for a complaint.

Sample representation of ruffles:



## 6.5. THERMAL EXPANSION

Materials containing PVC may react to temperature differences. This may result in a different degree of plating tension. The occurrence of stresses is not a basis for a complaint.

## 6.6. FABRIC COLORS

Fabrics from different production batches may differ in shade and, in the case of fabrics in metallic colors, in the degree of metallization of the material. The possibility of different shades in different batches is a normal effect and is not subject to complaint.

## 6.7. SCREEN ROLLER SHUTTER MOUNTED IN A PERGOLA OR ON A

If the screen roller blind is mounted on a pergola or on a facade (on a wall), the product loses its wind resistance of 145 km/h. You should always roll up the screen roller blind when there is wind or equip the product with weather automation (wind sensor).

## 7. 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 ~~ul. Estymowa 7, 02-640 Warszawa~~ is a consumer (hereinafter referred to as the Buyer).
2. The warranty is valid only together with the proof of purchase. In the case of screen blinds, the warranty period is 24 months. Warranty details for electric drives and accessories can be found in a separate document.
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. 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.
7. The warranty does not cover natural behavior or production effects included in the section: "Proper-production values of screen blinds".
8. The warranty will not be covered in the event of scratches, dullness or damage resulting from the use of the product 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. Warranty obligations are considered within 21 days from the date of receipt of the notification. 16. 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.
17. 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.
18. The Seller/Buyer ensures that the installation will be performed by qualified persons, and in the case of electrical connections, by persons with SEP qualifications. The Seller/Buyer is solely responsible for incorrect installation.