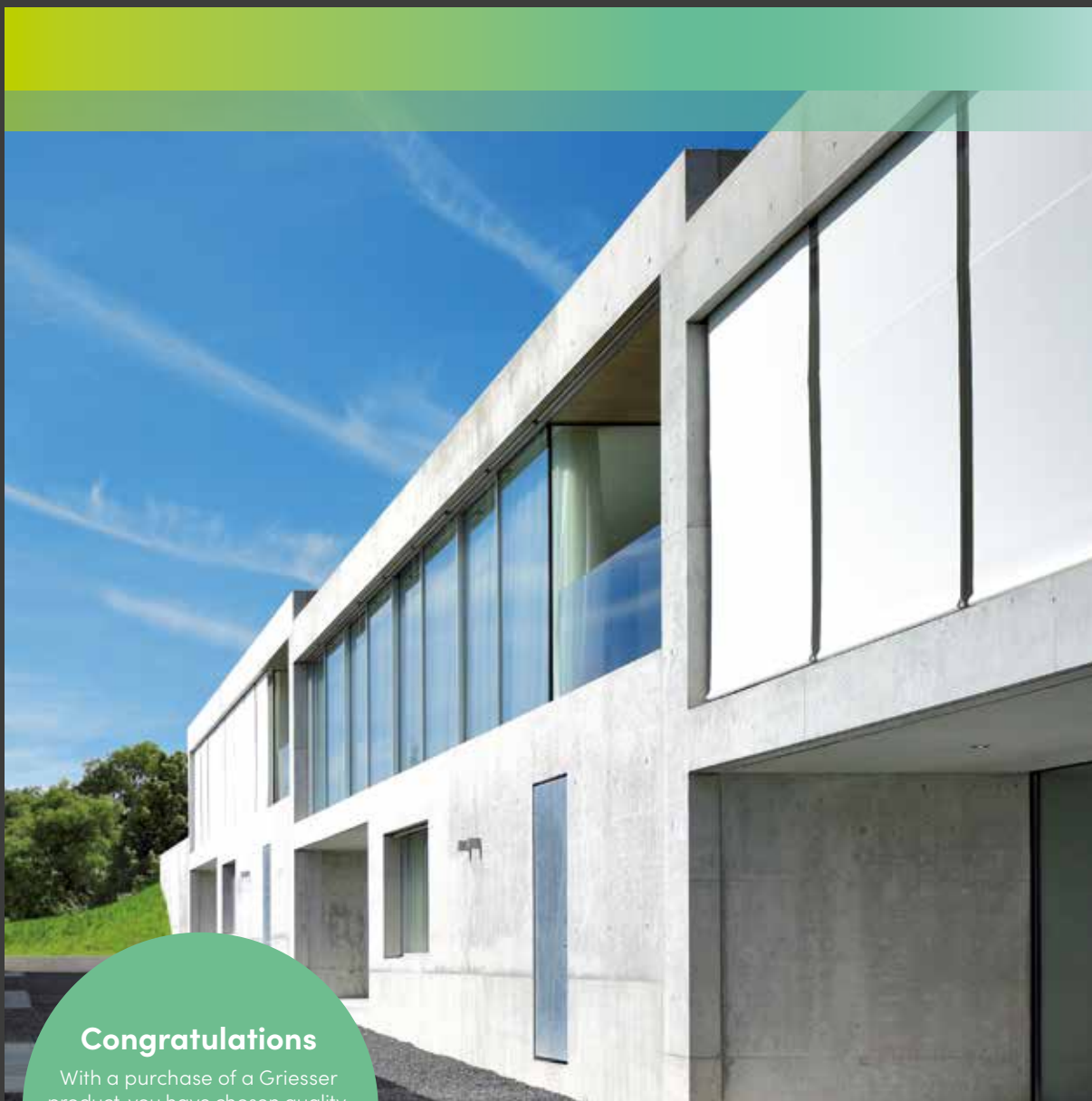


# Operating Instructions

## Soloscreen®



### **Congratulations**

With a purchase of a Griesser product, you have chosen quality.

Please read these instructions before using the product for the first time.

 **GRIESSER**

## General Information

The function of facade awnings is to shade open areas from unwanted solar radiation. They should not be considered security equipment.

**The operating instructions must be handed out to the user and to the person responsible for the maintenance.**



### General information about the QR code (URL with serial number)

This information only applies to products after November 2023. Older production series do not have a QR code.

- To each product is assigned a unique serial number to ensure whose traceability.
- The label with the QR code must not be removed under any circumstances.



### General Hazard and Safety Information

- Property damage and bodily injury may result from improper handling or disregarding safety information.
- In the event of damages resulting from non-observance of these instructions or of the accompanying documentation, all warranty claims become null and void.
- Griesser Holding AG accepts no liability for consequential losses or damages.



### Safety Information for Operation and Use

#### Risk of injury or damage to the product from improper operation

- Attach operating controls within view of the curtain, in accordance with national regulations.
- Keep operating controls out of the reach of children.
- May only be operated by instructed persons.
- Do not touch moving parts when deploying or retracting blinds.
- Do not allow jewelry, clothing, hair or body parts to become entangled in the product.
- Risk of crushing obstacles in the deployment area.
- Stand clear until the end position has been reached.
- Placing additional weight on facade awnings by attaching objects or tension cables may lead to damage or cause facade awnings to fall from their anchoring and is therefore not permitted.
- Do not touch any interior parts that are exposed due to damage (e.g. cables/cords, control elements).

#### Damage to the product from icing

- In winter, check products for icing before operating. In the event of icing, do not operate.
- Discontinue automatic operation in winter, even if icing has not been predicted.

#### Risk of injury due to inadequate maintenance

- Check products regularly for signs of wear.
- Do not use products that require repairs.
- Malfunctions may only be rectified by trained and qualified personnel.

#### Use only original Griesser replacement parts

- No assurance is provided that the product will function with accessories, parts or operating equipment made by other manufacturers. Modifications to the product that are not expressly approved by Griesser render warranty or product liability claims null and void.

#### Risk of injury or damage to the product from unintentional operation

- Disconnect products from the power supply power when maintenance work is taking place.
- Observe safety distances.

#### Risk of damage to the product from improper operation

- When operating manually, do not use force to open or close the awning.
- Do not operate products beyond their mechanical limits.
- Retract curtains before permitted wind load is exceeded.

#### Risk of injury and damage to the product from interruptions to the power supply (e.g. power outages)

**Ensure that situations dangerous to people and the product do not arise**



## Electrical Installations

### Electrical connections may only be carried out by certified electricians

- Additional national regulations regarding the maintenance and repair of electrical systems shall be observed. These may result in an increase in the maintenance intervals.

## Operation

### Motorized operation

Awnings are operated using central or local wall-mounted or hand-held controls with an Up / Down / Stop button. The operating functions of the controls are described in the operating instructions for the controls.



**Soloscreen Solar: Extreme cold can affect the performance of the battery if they are exposed to such temperatures for a long period of time.**

### Manual operation

Awnings are operated using an articulated or hook-in crank.

## Use

- Facade awnings meet the requirements of the wind classes indicated in the declaration of conformity and may only remain deployed up to the indicated wind class.
- Facade awnings provide solar shading and may not be used as security equipment.
- Facade awnings that have been retracted when wet (e.g. after rain) must be deployed again after the rain has passed in order to dry the fabric.
- Facade awnings may not be used if there is danger of frost.
- When operating a facade awning, ensure that no obstacles (flower pots, toys, chairs, etc.) are located in the awning's path.
- Never lower the blind with the window open (European standards and guidelines).
- Make sure, when operating the hand crank, that it runs smoothly.
- When operating the awning manually, do not use force if the facade awning jams. Change the direction of rotation in order to check if the awning has reached the end of the track.

## Maintenance / Inspection

Intervalle	Location (depending on type)	Task
Annually	Soiling of the guides	<ul style="list-style-type: none"> <li>• Check guides and remove any soiling and foreign objects (e.g. leaf debris, etc.)</li> </ul>
	Cable tension	<ul style="list-style-type: none"> <li>• Check cable tension</li> <li>• Retension or replace cabletensioner if necessary</li> </ul>
Periodically	Awning fabric and fabric guides	<ul style="list-style-type: none"> <li>• Check for damage or excessive wear</li> </ul>
	Awning fabric and Box	<ul style="list-style-type: none"> <li>• Remove leaf debris and foreign objects</li> </ul>

**Any repairs are to be made by a specialized company.**

## Cleaning

### Cleaning agents with alkaline, acidic or abrasive active ingredients and pressurized steam cleaning may not be used!

- The air contains minuscule solid particles that settle on facades and facade parts. Facade awnings are equipped with various mechanical parts that must therefore be serviced regularly to ensure long-term use.
- Use a cloth, sponge or soft brush to apply lukewarm water with a highly diluted, mild cleaning agent to the awning fabric or metal parts. Carefully scrub away dirt. It is imperative that you then rinse the awning well with clear water.
- Smaller stains on the awning fabric can be effectively removed with a colorless rubber eraser.

## Wind classes of Griesser facade awnings

Products	Permissible wind resistance class limit values <sup>1</sup>										
	Width (mm)	1500			2500		3000		4000		4500
	Height (mm)	2000	3000	4000	3000	4000	3000	4000	2000	3000	2650
Soloscreen® III	3	2	-	2	-	-	-	-	-	-	-
Soloscreen® IV	3	3	3	3	3	3	3	3	3	3	

<sup>1</sup> Tests in accordance with product standard EN 13561:2015. Product limit dimensions in accordance with data sheet.

## Maximum admissible wind speeds for Griesser facade awnings

- External facade awnings are not designed to withstand strong winds. Pursuant to standard EN 13651, the manufacturer must determine the maximum wind speed above which the external facade awning must be retracted.

Correspondence between wind classes and maximum admissible wind speeds for Griesser facade awnings:

### Maximum admissible wind speed

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
7,8 m/s	10,6 m/s	13,3 m/s	16,7 m/s	21,1 m/s	25,6 m/s
28,0 km/h	38,0 km/h	48,0 km/h	60,0 km/h	76,0 km/h	92,0 km/h

### The values in the table apply with the following reservations:

- Product dimensions and use comply with the Griesser technical guide.
- Installation, fastening and operation are carried out in accordance with installation respectively operating instructions.
- The products can be installed onto the reveal or façade with a façade distance of the hanging of <100 mm away from the facade. If the distance from the facade is between 100 and 300 mm, the value in the table must be reduced by 1 class.
- Selecting the wind resistance class depends on the national standard in the country where the product is installed.

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