INSTRUCTIONS FOR USE AND MAINTENANCE
SCREENS

Before using the screen, please read these Instructions for Use and Maintenance. Keep the instructions in a safe place to be able to study them at any time in the future.

POSSIBLE USAGE:

The screens serve as protection from the sun.

USED SYMBOLS:

⚠ This symbol indicates danger!

➔ This symbol points to important findings.

SAFETY PRECAUTIONS

⚠ The screens serve as protection from the sun:
- the wind force is over declared wind resistance class values (standard ČSN EN 13 561)
- it is snowing and freezing
- you are absent
- there is a storm (strong wind gusts, heavy rain)

➔ The screen as such meets the requirements of technical Class 2-6 wind resistance (standard EN 13561+A1:2009). Which class of wind resistance was achieved after installation depends crucially on the type and number of used fasteners as well as on the mounting surface.

➔ If the screen has been retracted with wet fabric, it must be re-extended as soon as possible to dry thoroughly.

⚠ Check the screens at regular intervals to see if there are any signs of wear or if cables are damaged.

⚠ If there is any failure, stop using the screen. Inform your supplier about the failure.

⚠ Any interference in the product as well as disassembly and assembly is unacceptable in terms of safety and functionality of the product.

⚠ For motorised screens, it is advisable to place the control switch outside of reach of children.

⚠ Motorised screens may be set in motion inadvertently. For cleaning and maintenance, make sure the screen is switched off (e.g. by tripping the circuit breaker).

⚠ Additional load of the product with suspended (or otherwise placed) objects may cause that the facade awning gets damaged or falls down, and therefore it is unacceptable.

⚠ Automatic controls must be switched off when freezing.

⚠ The manufacturer bears no responsibility for damage caused by wind force over the declared class of a particular product. When the wind speed is higher than the corresponding class of the particular product, it is necessary to retract the screen otherwise there is a risk of damage.

If necessary (in case of creaking or squeaking) it is recommended to grease the sliding part of the shaft bearing with grease for sliding metal parts. When greasing, be careful and do not allow the grease to come into contact with the fabric cover of the screen.

Declared values of wind resistance classes based on tests according to the standard ČSN EN 13561

SUNROL			Width [cm]
			max. 240
Height [cm]	max. 250	Max. area	3.00 m²
		Wind resistance class	2

UNIROL 80 C UNIROL 80 R			Width [cm]				
			≤ 100	100.1 - 150	150.1 - 200	200.1 - 250	250.1 - 300
Height [cm]	100	Wind resistance class	6	6	5	5	4
	150		6	5	5	4	4
	200		5	5	4	4	3

UNIROL 80 Z			Width [cm]
			max. 300
Height [cm]	max. 200	Max. area	6 m²
		Wind resistance class	6

UNIROL 100 C UNIROL 100 R			Width [cm]							
			≤ 100	100.1 - 150	150.1 - 200	200.1 - 250	250.1 - 300	300.1 - 330	330.1 - 350	350.1 - 400
Height [cm]	100	Wind resistance class	6	6	5	5	4	4	4	4
	150		6	5	5	4	4	4	3	3
	200		5	5	4	4	3	3	3	2
	250		5	4	4	3	3	2	2	-
	300		4	4	3	3	2	-	-	-
	350		4	3	3	2	-	-	-	-

UNIROL 100 Z			Width [cm]		
			max. 330	max. 330	max. 400
Height [cm]	max. 300	Max. area	6.75 m²	6.76 - 9.00 m²	9.00 m²
		Wind resistance class	6	5	4

UNIROL 130 Z			Width [cm]		
			max. 450	max. 450	max. 600
Height [cm]	max. 450	Max. area	9.76 m²	14.46 m²	18.00 m²
		Wind resistance class	6	5	4

UNIROL 150 Z			Width [cm]		
			max. 550	max. 550	max. 600
Height [cm]	max. 500	Max. area	9.76 m²	14.46 m²	18.00 m²
		Wind resistance class	6	5	4

ROLTEX			Width [cm]
			max. 330
Height [cm]	max. 330	Max. area	8 m²
		Wind resistance class	2

ZIPROL			Width [cm]
			max. 400
Height [cm]	max. 400	Max. area	12 m²
		Wind resistance class	3

V - ROL 63			Width [cm]	
			max. 330	max. 330
Height [cm]	max. 350	Max. area	7.00 m²	7.10 - 9.00 m²
		Wind resistance class	3	2

WINROL			Width [cm]
			max. 400
Height [cm]	max. 270	Max. area	10.8 m²
		Wind resistance class	1

WINARM			Width [cm]
			max. 300
Arm length [cm]	max. 150	Max. area	4.5 m²
		Wind resistance class	3

CLICK ZIP 13			Width [cm]	
			max. 400	max. 500
Height [cm]	max. 320	Wind resistance class	6	6
	max. 480		6	-

CLICK ZIP 15			Width [cm]		
			max. 500	max. 600	max. 700
Height [cm]	max. 400	Wind resistance class	6	6	5
	max. 480		6	-	

Wind resistance class	0	1	2	3	4	5	6
Nominal pressure p [N/m²]	< 50	50	70	100	170	270	400
Testing pressure p = 1.5 [N/m²]	< 75	75	100	150	250	400	600
Wind speed [km/h]	< 30	30	35	45	60	75	90

OPERATION BY A CRANK (PULLING OUT / RETRACTING)

- Remove the crank from the holder.
- Hold the crank diagonally from the wall on the plastic fixtures.
- Turn the crank and slide the cover to the desired position.
- Lock the crank in the holder again.

⚠ Never operate the crank with excessive force to avoid damaging the control mechanism of screen. The maximum permissible load is 40 N.

➔ For optimum tension of the fabric on an extended screen, turn the crank half a turn in the opposite direction.

➔ Screens are fitted with a gearbox without a stop. For this reason, be careful not to turn the crank after reaching the end position - there is a risk of damage to the gearbox.

OPERATION BY A MOTOR (PULLING OUT / RETRACTING)

⚠ The screen is equipped with a tubular electric motor 230 V. Any failures in the electrical equipment can only be repaired by an experienced electrician.

USING A SWITCH:

- Operation is carried out using switches which block simultaneous use of both directions.
- On switches, there are symbols indicating the direction of movement.
- Press one button to select extension and the other button to select retraction of the screen.
- To stop the drive, release the button for the selected direction of movement, press the STOP button, or press the counter movement.
- The end positions are limited by the end stops.

USING A REMOTE CONTROL:

➔ If you use a remote control, read the separate instructions for operating the remote control carefully

USING A CONTROL SYSTEM:

➔ If you use a control system, read the separate instructions for operating the control system carefully.

➔ If using switches, remote controls or a control system that was not included with your screen, ask your supplier for the instruction manual.

➔ The adjustment of the upper and lower end stops is prepared at the time of manufacture or installation and ensures the exact operating limits of the screen as well as optimum fabric tension.

➔ If the screen is extended or retracted too often, the motor can overheat and shut down (automatic protection switch). After cooling the motor is again ready for operation.

➔ When using a control system with sensors, this is superior to the local control.

- Please note that in extreme cases, the screen can be damaged by the force of wind even when a wind sensor is used. (After issuing the command to retract the screen, a certain time required to carry it out. Therefore there can be a situation when due to the severe wind gusts the wind speed suddenly rises and within a very short time exceeds the safe limit. The screens can be damaged when retracting or at the very beginning of retracting even if the automatics respond timely and correctly).

CLEANING AND CARE:

The Servis Climax company supplies screens covers of the highest quality that meet the most demanding customer's requirements.
For a long service life of your screen, the following recommendations should be followed:

- Regular cleaning of the screen prevents dirt from accumulating and provides a smooth appearance.
- Small stains can be removed with a colourless plastic eraser.
- Oil and other grease can be removed using benzine and a soft, well-absorbent cloth (preferably cotton).
- For freely flowing fluid contamination you can also use a soft, well-absorbent cloth to remove the fluid from the cover.
- Regularly remove dust and loose dirt particles (plant debris like leaves, remains of flowers or fruit, pieces of paper or cigarette stubs) using a soft brush or a jet of water (e.g. a garden hose – do not use a water jet under pressure, impregnation could be damaged). Then let the screen dry out properly before retracting it again.
- If it is necessary to overall clean the cover, use a sponge or a soft brush and mild soap solution (e.g. 2 % solution of detergent for coloured laundry – the detergent must not contain bleach or chlorine, otherwise impregnation can be damaged). Then let the screen dry well before retracting it.
- If the roller blind screen is not allowed to dry well before retraction, the risk of mould attacking the fabric and subsequent deterioration of the impregnation layer, including the formation of irremovable dark stains, is quite high..
- After every cleaning restore the fabric impregnation using a common spray for tent impregnation. Apply it onto a dry fabric cover (it does not apply to screens with Mermet and Soltis covers).
- Do not use strong alkaline cleaning agents such as potassium lye, caustic sodium hydroxide, soda, strong acidic products or aggresively acting abrasives.
- The metal parts of your screen have been treated with sufficient surface coating. A nice look will be ensured by regular wiping with a soft cotton cloth. Severe contamination on painted parts can be removed using common detergents for painted surfaces of cars.

PROPERTIES OF SCREEN FABRICS:

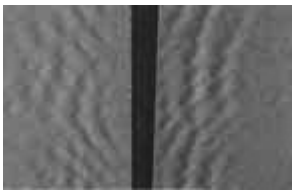
Screens covers of acrylic fabrics are high quality products that ensure high colour stability as well as they are resistant to mildew, water, dirt and grease. For many years, they will serve you as pleasant protection against the sun. Irrespective of the high technical level of production of screens fabrics, there are some phenomena that are inevitable.To avoid any confusion, we would like to point out (as part of the explanation for the end customers) the following characteristics that can occur. These properties, however, do not reduce the quality of the fabrics in any way.

Creasing - folds

They can occur during production and folding of finished screens covers for transport. In the crease, the cover colour can appear darker or lighter due to the different refraction of light on the surface. It is also described as so called chalky effect. The creases are visible especially when lighter colours are used.

Corrugations and undulations

They can occur near the seams or in the middle of single stripes of the fabric. When the screen is in use, various forces affect the fabric cover. It is caused by doubling the fabric mass at the seams and underlays, by pulling the folding arms, by sagging of the roller or front profile, etc. Then the tension created can cause so called waffle-like or fish-boned corrugations



Water and rain resistance

The acrylic fabrics on the screen blind with sun protection are impregnated with a waterproof fabric. In heavy rain or prolonged periods of rain, the screen should remain retracted to prevent damage. If the screen has been retracted with wet fabric, it must be re-extended as soon as possible to dry thoroughly.

Stretching of edges

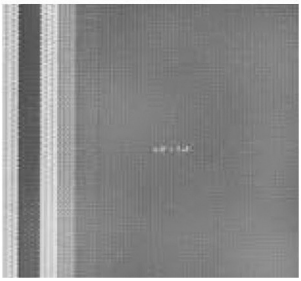
The cover is kept in constant tension thanks to the active system of springs. Seams and undelays act as reinforcement and they are able to compensate most of the tension. When the fabric is wound, the seams and underlays are pressed flat, and thus they extend in length in the course of time. Otherwise this can cause the edges of the cover to sag or crinkle when the screen is extended.

Seam or hem folds on Soltis, Mermet and similar fabrics

Zip-guided covers have, especially in the edge parts of the seams, slight folds. It is caused by the fact that the fabric and the zip lie over each other and when they have a different path when the cover is retracted. Then it happens that at the edge of the fabric the folds are formed repeatedly. When the cover is pulled out, it appears as a fold or undulation, and this effect is permissible. For covers that are sewn (welded) crosswise the fabric may be slightly undulated in the crosswise seams.

Knots and burls (within the permissible range)

Knots are formed by joining two ends of threads, burls are formed by accumulation of nubs during spinning, winding and weaving.



Crosswise imprints in the cover area

They may occur due to the connection of the cover on the shaft and imprinting of the crosswise joints on the cover.

For disposal of packaging material and the product itself, or its electronic components, use the method and collection points designated for that purpose.

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