



 Operating & Maintenance Manual for
SRS SkyRoll Sunshades System (screen)

Supplier:

Plant name:

Address:

Manufacturer:

ALUPROF SA

Address:

Opole plant:

ul. Wschodnia 23A,
45-449 Opole, Poland,
tel. +48 77 553 21 00
e-mail: aluprof@aluprof.eu

Aluprof screen systems

The product meets CE safety requirements.

Construction Products Contact Point

<https://punkt-kontaktowy.gunb.gov.pl/>

The content of this documentation is protected in accordance with the relevant provisions of the law of the Republic of Poland, in particular the Act of 4 February 1994 on copyright and related rights (Consolidated Text, Journal of Laws of 2021, item 1062), and in accordance with the provisions of European Union law, in particular Directive 2001/29/EC of the European Parliament and of the Council of 22 May 2001 on the harmonisation of certain aspects of copyright and related rights in the information society (Official Journal of the European Union, L 2001, No. 167, page 10, as amended). Any downloading or reproduction of the entire documentation or any part thereof for further dissemination, without the consent of Aluprof S.A., is illegal and is subject to criminal and civil liability.

CONTENTS

1. INTRODUCTION.....	4
1.1. Symbols and nomenclature	4
1.2. General information.....	5
2. SAFETY REQUIREMENTS	5
3. PRODUCT INFORMATION.....	6
3.1. Control specifications.....	6
4. OPERATION AND USE	7
4.1. Use	7
4.2. Operation	10
4.2.1. Manual drive.....	11
4.2.1.1. Internal screen.....	12
4.2.2. Electric control	12
5. MAINTENANCE AND REPAIRS	14
5.1. Maintenance.....	14
5.1.1. Fabric maintenance	15
5.2. Repairs	16
5.3. Technical inspection and repairs	16
6. HAZARDS	17
7. REMOVAL AND END-OF-LIFE DISPOSAL	17
8. PRODUCT MARKING	17

Important safety instructions.

WARNING!

**Compliance with this Manual is essential for personal safety.
Keep this Manual for reference.**

Please read the user manual before using the product.
If you find any terminology used in this Manual unclear or cannot explicitly interpret the Manual,
consult the manufacturer before attempting to install the screen.

1. INTRODUCTION

All products made by Aluprof are designed in compliance with first-class standards of performance, aesthetic values and operating convenience. The design deliverables from Aluprof engineers are based on the state of the art in design engineering, and the production ownership uses the latest know-how in manufacturing. This ensures safety of operation of Aluprof products.



The illustrations in this manual are for reference only and may differ in detail from the actual product.

1.1. Symbols and nomenclature

System Provider – means a business entity other than the manufacturer of a construction product, supplying semi-finished products in bulk quantities and the technology necessary to create a construction product. The system consists of screens. The system supplier is Aluprof.

Manufacturer – means an business organization, which manufactures and markets the product under its own name or trademark. The product is an external screen.

Supplier – means any natural or legal person who supplies a product of another manufacturer to the market. The supplier may also be the product installer.

Service – means a department or external company authorised by the Manufacturer or Supplier to perform warranty and post-warranty services, repairs, inspections and maintenance of the product in order to maintain its efficiency and functionality.

Installer – means an entity (a natural or legal person) or a group of persons, authorised and suitably qualified, which is responsible for the correct and safe execution of the entire internal screen installation process in accordance with the Manufacturer's technical documentation and applicable standards. This may also be the Supplier or an entity authorised by the Supplier.

Product user – the person using the installed product.

Unqualified person – means a natural person who does not have the appropriate knowledge, training, experience or authorisation required to perform activities related to the installation, maintenance, repair or servicing of the product, other than its standard use.

The special information indicated by graphical symbols in this manual requires careful reading and understanding.

Pictogram	Meaning	Description
	INFORMATION	This symbol indicates important information to read and understand. It does not relate to any hazardous or harmful conditions of the product or people.
	NOTE	Indicates risks of damage to the product.
	WARNING	Indicates all safety-relevant information, non-compliance with which will cause a hazard of injury or death.
	DANGER	Indicates conditions which cause hazards of injury or death by electrical shock.
	INFORMATION	This symbol indicates that the product cannot be disposed of with municipal (household) waste.

1.2. General information

The supplier is not responsible for losses resulting from failure to comply with these instructions, except for defects on the part of the supplier.



The manufacturer will not accept any liability for damage caused by incorrect operation and/or maintenance of its product.

Efforts are constantly being made to improve screen systems and enhance the quality of service and safety of their use.



These instructions are intended for the user of the screen and must be read before the screen is used for the first time. They contain essential information to ensure the safe use and proper maintenance of the screen. These instructions must be kept for the entire lifetime of the screen. If the screen is sold, these instructions must be handed over with it.



The owner of the Screen is required to introduce all Screen users to this Manual and instruct them in proper operation of the Screen.



- The manufacturer will not accept any liability for damage caused by incorrect operation and/or maintenance of its product.
- No warranty claims for damage caused by force majeure, inclement weather, and normal wear and tear will be accepted.
- The manufacturer will not be liable for any alteration or improvement made to the product structure or outfitting it with any accessories not approved by Aluprof S.A.
- The manufacturer shall not bear any costs associated with the handling of complaints. Should claims prove to be unfounded or inconsistent with the terms of the warranty, the complainant shall be liable for all costs incurred by the manufacturer in connection with the complaint in question.
- If necessary, the claimant is obliged to send any parts that may need replacing.

2. SAFETY REQUIREMENTS

Compliance with the following requirements is essential to ensure the safety of Screen users and Screen operation. The requirements apply to the installation location and the use of the Screen.



Do not operate the Screen if its electrical wiring is damaged.



Extreme safety precautions are required for small children and the disabled. The guardians of children shall be liable for compliance with the safety instructions provided by the product manufacturer.



Strict compliance with the safety instructions is required within the range of the Screen effects on objects or fit-out features.



If the Screen can be operated remotely from a location where the Screen is not in the field of vision of the user, the user shall implement organisational measures near the Screen which will prevent damage of the Screen in operation.



Keep clear from all moving parts of the Screen in motion: hazard of injury and damage to the product!



Do not remove the drive unit guards. The guards must be fastened so that their removal requires tools.



If the blind features standalone electrical devices (e.g. wind / sunlight / rain sensors), follow their operating manuals.

3. PRODUCT INFORMATION

Screen Aluprof is intended for use in the construction industry to provide privacy and sun protection as an additional covering for building openings (e.g. windows, doors), and is used in both residential, public and industrial buildings, whether under construction or already in existence. It can also be used as a sunshade in pergolas. The fabrics used in the screens reduce a significant amount of solar radiation. The screen is operated (lowered/raised) either manually or electrically via a switch, a radio transmitter or another automatic control device utilising sensors such as rain, wind or sun sensors. Screens represent a modern solution in the field of shading systems. Thanks to their lightweight and simple design, they are suitable for use in almost any type of building.

The most important properties of screens include:

- use as an internal or external sunshade,
- easy installation and operation,
- protection against overheating, thereby reducing the costs associated with air-conditioning the rooms,
- high resistance to weather and elements,
- low maintenance requirements,
- protecting the interior against unwanted glances during the day while maintaining good visibility to the outside,
- screen control using manual drives and electric motors.

It is prohibited to use the product in a manner that results in:

- blocking or obstructing access to emergency exits
- restriction of the width or functionality of escape routes
- preventing users from leaving the premises quickly and safely.



The manufacturer does not provide a legal assessment of the specific application of the product in a building, in particular with regard to compliance with fire safety requirements. The assessment of the suitability of the product's application, including its impact on evacuation conditions and the conduct of rescue operations, is the responsibility of:

- designer
- Investor
- of the facility,
- in accordance with the relevant provisions of national law and agreements with the competent authorities.

3.1. Control specifications

The specifications vary between specific motor and control types.

Motor specifications - Power supply 230 [V AC]			
Actuator / electric motor overall length	358 – 680 [mm]	Supply voltage	230 [V AC]
Torque	6 ÷ 20 [Nm]	Frequency	50 [Hz]
Drive speed	10 ÷ 32 [min. ⁻¹]	Operating temperature	-10 ÷ + 50 [°C]
Maximum continuous operating time	4 [min.]	Protection grade	IP 44
Drive unit rated current	0,48 ÷ 0,7 [A]	Wire length	3 [m]
Power consumption	112 ÷ 145 [W]	Cable cross section	3 x 0,75; 4 x 0,75

Motor specifications - Power supply 12 [V DC]			
Actuator / electric motor overall length	446 – 497 [mm]	Supply voltage	12 [V DC]
Torque	6 ÷ 20 [Nm]	Operating temperature	-20 ÷ + 60 [°C]
Drive speed	12 ÷ 18 [min. ⁻¹]	Protection grade	IP 44
Maximum continuous operating time	5 ÷ 10 [min.]	Wire length	0,18 ÷ 3 [m]
Drive unit rated current	1,85 ÷ 6 [A]	Cable cross section	2 x 0,5; 4 x 0,5
Power consumption	22 ÷ 72 [W]	Average range:	200 m in open terrain 20 m in enclosed areas

 The table lists the operating limits for the individual drive unit motors provided by Aluprof and compatible with the Screen system.

 See the detailed motor specifications on the OEM web sites and <https://katalog.aluprof.com>.

4. OPERATION AND USE

The Screen and its components are designed to prevent permanent deformation in normal conditions of operation. Frequently inspect the appearance of the Screen for its technical condition. If anything abnormal is found, do not operate the Screen. Contact the vendor or its authorized reseller.

 Operation of the Screen which is damaged or incomplete and unauthorized repair of the Screen can cause hazards of injury or death and void the product warranty.

 A screen operated by an electric motor cannot be raised or lowered when there is no power supply. It is therefore recommended, particularly in areas prone to frequent power cuts, to provide an additional backup power supply.

4.1. Use

When operating the Screen, follow the guidance below to prevent damage of the product:

- this screen may only be used at ambient temperatures between -20°C and +60°C
- the Screen electric motor is intended for intermittent duty in short cycles. It features an over temperature trip which stops the drive if an overload is sensed. The continuous cycle of the electric motor cannot exceed 4 minutes. The Screen is ready for another operating cycle once the over temperature trip cools down (which takes approximately 15 minutes),
- when closing the screen, ensure that there are no people or objects in the path of the bottom rail or the fabric,
- staying around the operating range of the Screen should only take place when the Screen is fully opened (raised) and stopped,
- do not place any objects with sharp edges near the Screen or there will be a risk of damage to the fabric curtain,
- keep hot objects and sourced of heat away from the fabric (e.g. air heaters, stoves, irons, etc.),
- do not open (roll up) the Screen if wet,
- if snow or extremely low temperature is expected, disable the timer controls of the Screen (if any) and operate the Screen with manual controls only
- In the event of strong gusts of wind (see tables in section 4.2. Operation), it is recommended to raise or lower the screen completely without delay, ensuring there is no gap between the bottom slat and the ground
- inspect the fabric curtain for damage,
- do not attempt unauthorized modification of the Screen structure or movement system.,
- In the event of the screen malfunctioning, contact the supplier or their authorised representative immediately.

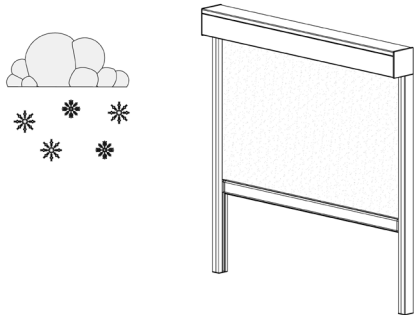
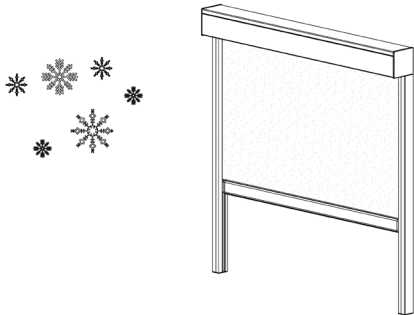
 When using an external screen, ensure that windows that open outwards are closed whilst the screen is in operation.

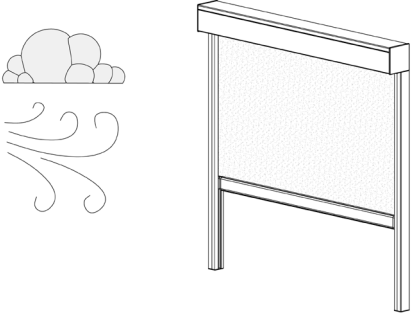
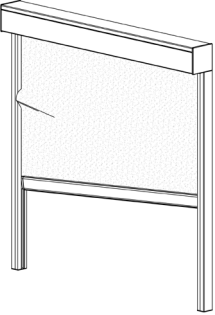
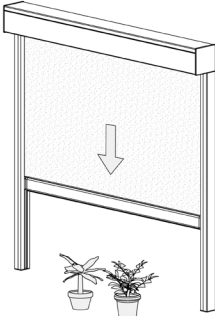
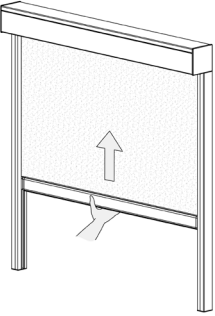
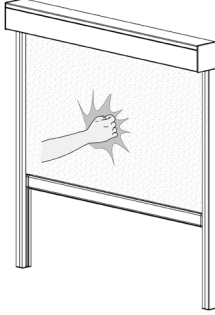
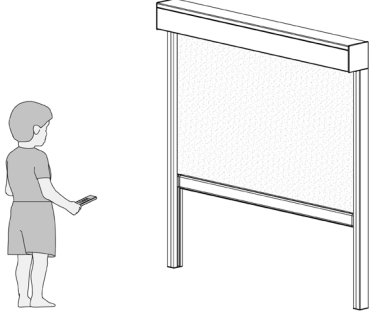
Incorrect operation of the Screen may result in:

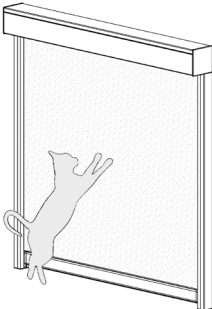
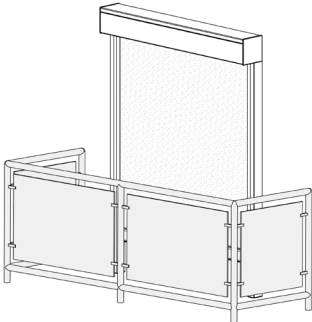
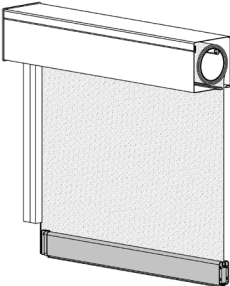
- Hazards to users;
- Risks of damage to the product;
- Partial or total loss of the product performance;
- Loss of aesthetic value of the product or the building it is installed in.

 The Screen is intended for protection again sunlight only, control of exposure of the indoor space to sunlight, and privacy screening.

Essential operating safety guidelines for the Screen:

Operation in winter	Operating the Screen at low temperatures
 If there is any risk of icing of the tensioners, all automatic control of the Refleksol must be disabled.  If the Screen drive unit features overload protection or a collision detection system, the automatic controls do not have to be disabled.	 Ice can build in the tensioner at low temperatures and/or during snowfall. Do not attempt to open or close the Screen in these conditions. Operate the Screen only with the ice completely removed.  Operation at low (freezing) temperatures may damage the Screen.

Operating the Screen in wind	Screen's technical condition
	
Close the window screened by the product in high wind. When absent, take the necessary precautions to prevent wind draughts. ⚠ If the Screen is closed (rolled down) over an open window, it may fail under the wind load. i The specified wind load class is guaranteed only with the window closed and a fully closed (lowered) Screen.	Inspect the technical condition of the fabric curtain and the ZIP tensioner. ⚠ Damage to the fabric curtain or the ZIP tensioner may result in uneven rolling up of the Screen, its jamming while in motion, and damage to other components of the Screen.
Screen work range	Improper operation of the Screen
	
No one and no objects must be present within the work range of the Screen and obstruct its movement. If the Screen runs into an obstacle, first lift the Screen slightly and remove the obstacle. ⚠ Obstruction of the Screen work range may result in damage to the Screen.	Do not pull the Screen forcibly by hand or with any tools. ⚠ Any attempt at manually rolling the Screen up or down will result in improper performance or damage of the Screen.
Non-intended use of the Screen	Access to the Screen operating controls
	
Do not press against the fabric curtain or hit it with anything. ⚠ Pressure against the fabric curtain will directly damage the fabric and/or the tensioner.	Keep the portable transmitter away from children. Only adults should operate the Screen controls. ⚠ Do not leave batteries, rechargeable batteries or other miniature power sources within the reach of children, as there is a risk that children or pets may swallow these items.

Access to the screen controls	
	Take particular care when pets come into contact with the screen – protect it from damage. ⚠ Pets can damage the screen fabric.
Screen with an electric drive unit installed over a balcony / patio door	
	If the balcony / patio door over which the Screen is installed is the only pathway to and from the balcony / patio, there is a potential risk of trapping the people on the balcony / patio if the Screen is rolled down. ⚠ Disable the automatic controls.
Endslat position	
	The fabric and endslet must stay in guide channels range.

4.2. Operation

The screen can be operated using a manual drive and an electric actuator fitted to the product.

If a control timer is used for operation, it is recommended to extend the controls with fully automatic wind sensing features.

⚠ Raise and lower the Screen to it's end positions to prevent damage of the Screen.

i The Screen can be opened/closed to any intermediate position. The Screen stops moving automatically once it reaches the fully open or closed position.

i The limit positions of the drive unit are configured by the OEM. If they require adjustment, perform it in compliance with the supplied programming guide.

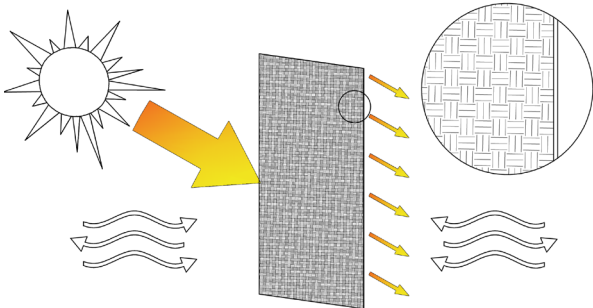
⚠ The Screen must be raised completely and retracted into the box (top end position) once the safe speed described in the tables below is exceeded. It is also recommended that you intervene manually in such a situation, despite the presence of the automatic wind sensor.

Wind load resistance classification acc. to EN 13561	Safe wind speed	
	[m/s]	[km/h]
1	< 8,0	< 28,8
2	< 10,6	< 38,1
3	< 13,3	< 47,8
4	< 16,5	< 59,4
5	< 20,8	< 74,8
6	< 25,3	< 91,1

CE label and the Declaration of Performance (DWU) delivered with the product contains information about the wind load resistance class of a given Screen.

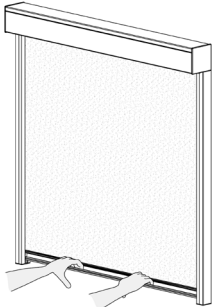
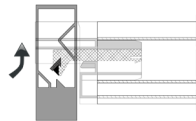
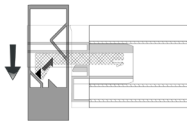
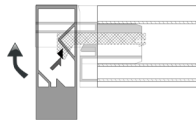
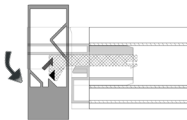
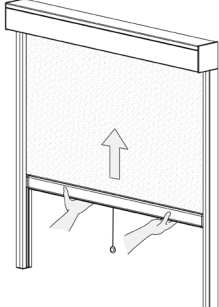
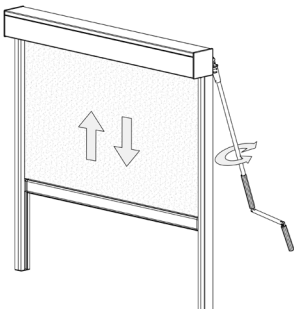
Safe wind speed - installation in a pergola	
lifting of the curtain [km/h]	lowering of the curtain [km/h]
< 65	< 15

⚠ No one and no objects must be present within the work range of the Screen and obstruct its movement.

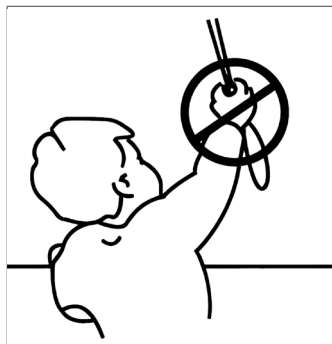
Light transmission	
	Micro-perforated fabrics provide natural and constant ventilation, limiting the heating of the air under the fabric. Light transmission coefficients depend on the type of fabric used. The colour of the fabric may change slightly over time, depending on the colours and patterns chosen, or the product's exposure to sunlight (e.g. installation on the south or west side of a façade).

4.2.1. Manual drive

 For manual drive raising or lowering of the Screen shouldn't be done forcefully.

Operating the Screen	Risk of damage while opening
 Closing  To close the Screen, lower the bottom rail to the end (bottom) position. To open the insect screen, press the bottom rail down. Opening 	 When the Screen is released, hold the bottom rail with both hands for as long as you can to control the rolling-up speed and prevent damage.  The Screen can be optionally provided with a roll-up brake to slow down the roll-up speed.
Screen operated with a crank	
	Raising or lowering of the fabric is done by turning of the crank in the right direction. It is important to be cautious when operating crank mechanism because the gears used allow for high forces that can damage the Screen components. It is necessary to stop turning when resistance is felt while lifting or fabric has stopped while lowering. Just before the screen is completely open or close, slow down the rotation operation of the crank.  With fully closed or open Screen, do not continue rotation operation of the crank.  Any vertical tilting of the crank has to be avoid, it may increase drag and result in excessive wear.

4.2.1.1. Internal screen



WARNING!

- Small children can be strangled by loops in pull cords, chains, tapes and inner cords that operate the window blinds.
- To avoid strangulation and entanglement, keep cords out of the reach of young children. Cords may become wrapped around a child's neck.
- Move beds, cots and furniture away from the cords of the window blinds.
- Do not tie cords together. Make sure cords do not twist and create a loop.

The requirements apply to screens installed in premises accessible to children aged between 0 and 42 months, such as: homes, hotels, hospitals, churches, shops, schools, nurseries and other public places. The requirements must also be taken into account where the intended installation location of the screen is not specified.



In accordance with standard EN 13120:2009 + A1: 2014, components must be used to minimise the risk of dangerous loops forming, such as self-releasing mechanisms or fixed tensioning mechanisms. These should be fitted as far away as possible from the control mechanism and at a height of at least 1.5 m from the floor to the underside of the safety guard for the taut chain, to prevent the loop from hanging freely.

This condition does not apply to screens installed in premises intended for work, such as offices, factories, laboratories, etc., where children do not have direct access.

4.2.2. Electric control

The screen control system allows the screen to be raised and lowered. After the Screen is fully opened or closed, the motor will be automatically stopped by the limit switches.

Control types:

- Wired control: requires a wired control connection between the Screen drive unit motor and the control switch. The Screen is operated with the control switch.
- Wireless (RF) control: the Refleksol drive unit motor is wired to its mains power source. The Refleksol is operated with a wireless control fob or a wireless control pad.
- Hybrid control: features wired and wireless controls which can be used alternately with a wired control switch and a wireless control fob.

Optional control devices:

- weather sensors, which includes wind sensors, rain sensors and sunlight sensors; these controls automatically operate the Screen in response to the sensed weather conditions,
- control timers: command the Screen to open and close at preset times,
- adaptive control system: the control system "learns" and stores the daily operating pattern of the Screen users; once they are learned, the control system builds an operating time schedule and follows it to automatically operate the Screen,
- screen solar power supply: PV (photovoltaic) panels can be used as an alternative to the primary mains supply for the Screen,
- smart building control-based operation of the Screen: a solution which enables control over all systems and equipment features in the building with any mobile device (a tablet or a smartphone) with Internet connectivity.



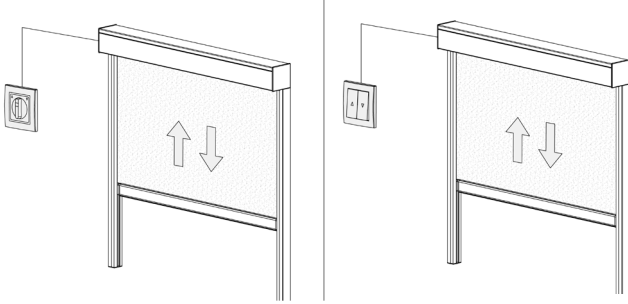
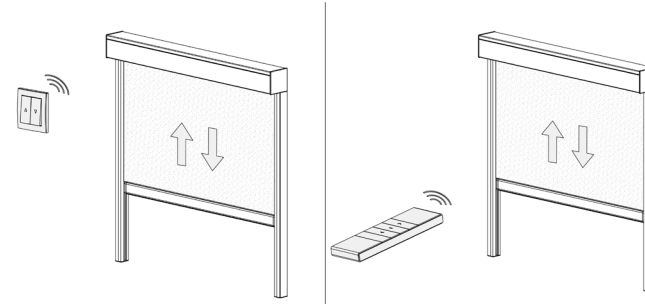
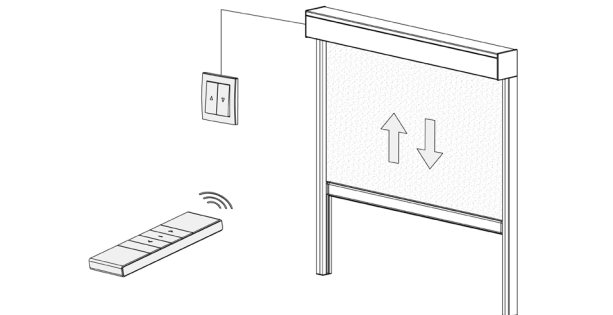
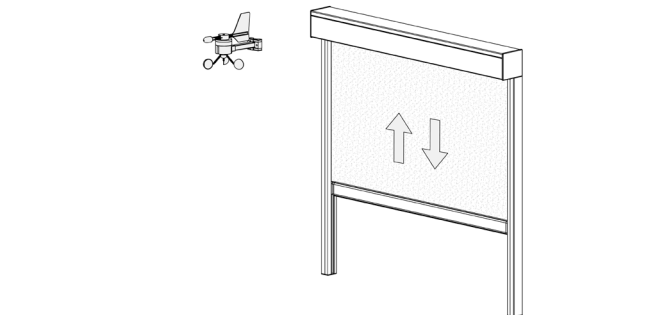
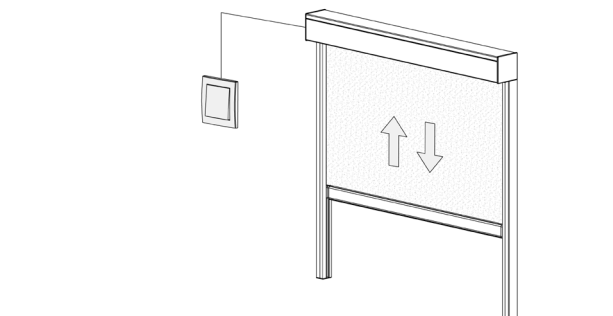
If the blind features standalone electrical devices (e.g. wind / sunlight / rain sensors), follow their operating manuals.



For the safe operation of electrically operated Screens in winter, it is recommended to install motors with an overload function.



The Screens provided with automatic controls are operated automatically. This requires monitoring to prevent hazards.

Rotary selector / key switch control application	Portable transmitter / wall-mounted transmitter application
	
The Screen moves in the commanded direction as follows: - when the rotary selector is turned (clockwise or counter-clockwise); - when the respective key switch is pressed (up or down).	The Screen moves in the commanded direction when the respective key switch is pressed (up or down).  Transmitters must be stored in dry, moisture-free places.
Wired switch and portable transmitter application	Weather sensor application
	
The Screen moves in the commanded direction when the respective key switch or portable transmitter button is pressed (up or down).	The Screen starts moving to a specific position in response to the sensed weather conditions without any need for the user to interact with the controls. The user may, depending on the actual conditions, operate the switch or portable transmitter.
Application of the „bell” type switch	
	Screen with the „bell” type switch (key pops off when released) is operated by pressing button. Each subsequent press of the button changes the direction of the fabric movement, i.e. up-stop-down-stop-up etc.

 If the Screen suddenly stops moving while its electric motor continues to run, immediately stop the electric motor with the respective command button on the portable transmitter or, as applicable, release the momentary key switch or operate the reverse key of the latched switch.

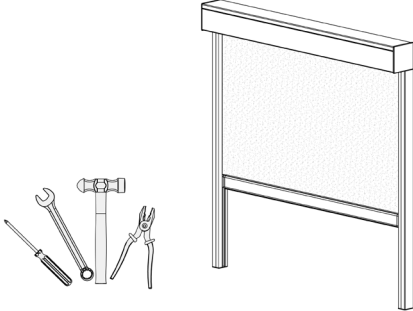
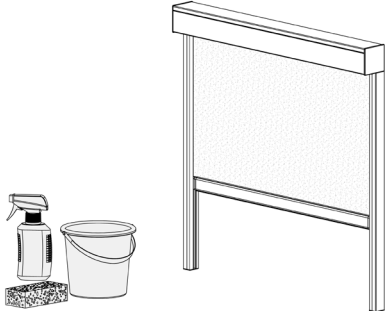
5. MAINTENANCE AND REPAIRS



Do not attempt to alter or modify the product without authorisation; otherwise your product warranty will be void and the product may become a hazard of injury or death. Have all repairs done by a qualified technical service provider of the vendor or its authorised reseller.



Isolate the mains power from the product before servicing! Hazard of death! Lock out the product against inadvertent reconnection of the supply voltage!

Repair	Cleaning
	
Frequently inspect all visible parts of the Screen for jamming or other types of damage. If any operating abnormality or damage is found, do not attempt to repair the Screen on your own. Call an authorized professional technical service provider.	Regularly clean the fabric curtain to ensure a long operating life. Clean with suitable products only.
 Failure to isolate the Screen from its mains power supply is an electrocution hazard while servicing the electrical wiring connections.	 Failure to isolate the Screen from its mains power supply is an electrocution hazard while servicing the electrical wiring connections.
 Electrical servicing must only be performed by suitably licensed professionals.	 Frequently clean the Screen running tracks to remove all foreign objects and dirt.

5.1. Maintenance

If dirty, the Screen may suffer failure of the components critical to proper operation.

Simple maintenance tasks can be performed by the Screen user and do not require special skills. Simple maintenance tasks include functional tests of rolling the curtain up and down and the limit switches. That also includes routine visual inspection of the technical condition of the fabric and verification of:

- no peeling of the top protective layer and welds,
- no unsticking of ZIPs,
- lack of thick deposits of sediments, insects, leaves, etc. on the surface,
- stains,
- no abrasions.

For screens with cable guidance, a routine visual inspection should also be carried out to check the technical condition and ensure there are no signs of cable wear.

If any signs of irregularities are observed, the manufacturer or installer should be informed about the situation.

Maintenance of the Refleksol includes cleaning of all visible and accessible components, keeping the fabric curtain clean, and removal of all dirt which might accumulate inside of the running tracks. Follow the guidance below:

- clean the Screen only when it is not in motion,
- disconnect the mains power supply from the Screen before cleaning the window or the wall near the Screen or the Screen itself,
- do not let any water enter the rolling shaft box.
- do not clean with any sharp, rough, or abrasive tools. Use a white cloth or a soft brush to wash the fabric,
- do not press against the fabric curtain too much.
- Unroll the screen completely. Wipe off any visible dust with a brush or a brush with very soft bristles. Carry out these steps whilst the screen is dry and without rubbing,
- clean the screen surface with water and some mild, neutral detergent (clean at a temperature from 20 °C to 40 °C). Finish by rinsing with enough of clean water. Do not clean with pressure washers. Protect the Screen from exposure to aggressive or corrosive chemicals, like potassium nitrate from building mortar, acids, alkalis (lye), and salts, and from mechanical damage. Strong cleaning products may cause corrosion and/or discolouration of the finish coating and color of the fabric, therefore it is recommended to carry out a preliminary test of cleaning agents.
- do not use any organic or inorganic cleaning products which contain esters, ketones, alcohols, aromatic chemicals, or chlorinated hydrocarbons, or any cleaning products the chemical composition of which is unclear.
- remove greasy stains (from oil or soot), residues of adhesives, and silicone rubber with chemicals free from petroleum-derived aromatic hydrocarbons.

It is also recommended to check the technical condition of the screen immediately after exceptional events, such as:

- strong storm with strong gusts of wind,
- snowstorms and hailstorms,
- accidental drops of sharp or heavy objects.

5.1.1. Fabric maintenance

The fabric has a very high resistance to climatic and atmospheric factors, such as wind, rain, sun, microorganisms, dust and various impurities. In order to maintain their high quality and properties, it is necessary to carry out proper maintenance. The screen fabric cleaning schedule depends on the installation location (e.g. coastal or industrial areas), weather conditions such as rain, snow or hail and the frequency of their occurrence.

The average frequency of conservation work on the screena fabric			
Light precipitation		Heavy precipitation	
Light sediment	Large sediment	Light sediment	Large sediment
36 months	24 months	24 months	12 months
24 months	12 months	12 months	6 months



Fabrics with a matte finish are more susceptible to dirt and more difficult to clean due to the greater adhesion of deposits to the surface of the fabric.

The fabric is considered dirty, when it has visible and long-lasting marks, which may be the result of the gradual accumulation of small amounts of particles (e.g. pollen, dust) moved by atmospheric factors, such as wind, rain, snow or seeping or dripping water.



If the dirt is not removed quickly enough, the stain may be difficult or impossible to remove due to the penetration of some of the dirt into the fabric, therefore it is recommended to remove the dirt immediately.

Substances and methods that absolutely should not be used in the case of fabric care are:

- any abrasive powder, paste or liquid, abrasive sponges, brushes with hard bristles, etc.,
- pressurized steam generators, pressure washers,
- products of organic chemicals: acetone, gasoline, benzene, ketones, heating oil, kerosene, perchlorethylene, turpentine, toluene, trichlorethylene, petroleum, tetrahydrofuran (THF), ethyl acetate, hydrogen peroxide, etc.,
- products of inorganic chemistry: ammonia, nitric acid, sulfuric acid, acetic acid, hydrochloric acid, soda, caustic soda lye, caustic soda, bleach, etc.,
- homemade cleaning products prepared at home.

Difficult to remove dirt, such as: tar, resin, fats, pollen, bird droppings, rust, etc., can cause permanent stains. Persistent cleaning, especially with unauthorized cleaning agents or methods, may damage the fabric. It is recommended that before undertaking any cleaning work determine their relevance.



Do not mix cleaning agents, as they can have a negative effect and damage the paint surface, although each agent is safe on its own.



The method of cleaning may depend on the fabric type. Information on methods and agents for the maintenance and care of fabrics should look for directly from fabric manufacturers.



In case of using printed fabrics, guidelines should be obtained e.g.: from the manufacturer of the printed coating or the manufacturer of the ink used.

5.2. Repairs



Do not attempt unauthorized repair or modification of the Screen structure or movement system. If the product fails to work properly, any of its components requires replacement or the Screen structure requires any modification, the relevant servicing must only be done by an authorized product installer.

The manufacturer will not be liable for:

- wrong fabric tension resulting from improper use,
- unauthorized attempts at repairing the insect screen tensioning system or structure,
- loss of aesthetic value due to dirt, damage from chemicals, etc.,
- damage to the movement system due to overloading,
- incorrect tensioning or failure of the guide cord by improper use;
- unauthorized attempts at repairing the guide cord tensioning system;
- installation not in accordance with the intended use, e.g. in rooms with high humidity, near heat sources,
- any alteration or repair by the buyer which renders the product damaged,
- cratching of the finish coating of the product caused during unpacking,
- other types of damage caused by:
 - incorrect use of the product,
 - careless storage of the product and/or its overloading;
 - failure to comply with the OEM's installation manual;
 - unforeseen events such as: flooding of the flat, interference from animals, the effects of strong wind, rain, hail, frost or snow. To protect the screen, it should be left in the raised position.



If smoke is evident from the Screen assembly in operation, immediately isolate the supply voltage from the Screen and consult the vendor or its authorized reseller.

5.3. Technical inspection and repairs

To maintain the full performance and proper operation of the Screen, periodic technical inspection is recommended (to be done at least once a year). The main objective of technical inspection is to perform functional tests of the product, verify that its structural parts and electrical equipment are complete, in good repair and operational, adjust the movement components, and (if required), replace the parts worn during normal operation.



Do not attempt any technical inspection without authorization; otherwise your product warranty will be void and the product may become a hazard of injury or death. Have all servicing done by a qualified technical service provider of the vendor or its authorized reseller. The Screen user is only authorized to perform simple maintenance tasks specified in Section "Maintenance" and regular visual inspections of the technical condition of the Screen.



Systematic inspection of the Screen helps prevent premature failure.

The products should be maintained fully operational and clean to ensure that their operation remains safe to the health and life of the users and compliant with the intended use.

Technical inspection steps:

- Verify the product durability and quality of installation fastening;
- Verify that the fabric curtain rolls down and up correctly (and that the limit switches at the end positions are working);
- Verify the durability and quality of all threaded and rivet fasteners;
- Verify the fabric curtain for correct tension;
- Inspect the electric motor fastening;
- Inspect the electrical wiring of the Screen and their connections with the building's electrical installation;
- Test the functioning of the product's movement system components and inspect their technical condition;
- Verify the good repair of the running tracks, the tensioner, the fabric curtain material and the weatherstripping (gaskets);
- Any adjustment and correction of the cord tension,
- Adjust and correct the foregoing parts and components if required;
- Replace all worn components/parts.



Use genuine spare parts only. Do not use non-approved spare parts!

6. HAZARDS

The Aluprof Screen is a product which, within the normal and reasonably foreseeable conditions of operation, poses no or negligible hazards acceptable for normal use and it is compliant with stringent requirements for the safety of human life and health.

- It is prohibited to:
- operate the Screen if damaged;
 - let anyone or anything remain within the clearance of the opened (rolled up) Screen;
 - walk under the Screen which is in motion;
 - let the Screen be operated by (or keep the remote controls within the reach of) anyone who requires supervision of an able adult;
 - Let non-qualified personnel attempt any electrical servicing, retrofitting or removal;
 - removing the drive system covers,
 - lean on the rolled down Screen: you may fall out through the screened door / window!



7. REMOVAL AND END-OF-LIFE DISPOSAL

-  The Screen can only be removed with its mains power supply isolated.

The removal procedure is the reverse of the installation procedure (refer to the Installation Manual).

To dispose of the product at the end of its operating life, it must be disassembled into component parts and the component parts must be segregated for recycling and other waste management types in compliance with the Polish Regulation of the Minister of Environment dated 2 January 2020 and concerning the Waste Catalogue (JoL. 2020.10, as amended).



In accordance with the provisions of Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE), it is prohibited to dispose of used equipment together with other waste, marked with a crossed-out wheeled bin symbol. Users are obliged to take their used equipment to a designated collection point for proper processing. The marking also indicates that the equipment was placed on the market after 13 August 2005. These legal obligations have been introduced to reduce the amount of waste generated from waste electrical and electronic equipment and to ensure an appropriate level of collection, recovery and recycling. The equipment does not contain any hazardous components that would have a particularly negative impact on the environment and human health.

Pursuant to the Polish Electrical Battery Act of 24 April 2009, "Article 44: The end user shall hand over waste portable rechargeable and non-rechargeable batteries (which may include spent portable rechargeable and non-rechargeable batteries no longer being viable sources of electrical power) to a collector or collection point for waste rechargeable and non-rechargeable batteries". Moreover: „Article 12: It is forbidden to dispose of waste rechargeable and non-rechargeable batteries in the same waste container with other waste”.

Moreover: „Article 12: It is forbidden to dispose of waste rechargeable and non-rechargeable batteries in the same waste container with other waste”.



Prevent hazards to human and animal health and environmental pollution hazards by disposing of waste rechargeable and non-rechargeable batteries in dedicated containers at designated waste collection points.



Take care not to short-circuit the batteries; do not throw them into a fire or recharge them. There is a risk of explosion.

Detailed specifications for handling WEEE and waste rechargeable and non-rechargeable batteries are regulated by Polish and EU environmental protection laws.

8. PRODUCT MARKING

Product label is placed on the visible place.

The label includes, data of manufacturer, type number, number of the harmonized product standard and product properties. The CE marking on the label indicates that the product complies with all directives applicable to the product.

It is recommended to leave the product label undamaged so it can be read in the future.

Screen SRS SkyRoll

The product meets the CE safety requirements

System Provider:

Aluprof SA

ul. Wschodnia 23a, 45-449 Opole, Polska,

Tel. +48 77 553 21 00,

e-mail: aluprof@aluprof.eu

www.aluprof.com



Head Office

ul. Warszawska 153

43-300 Bielsko-Biała, Poland

Tel. +48 33 81 95 300

fax +48 33 82 20 512

e-mail: aluprof@aluprof.eu

www.aluprof.com

ALUPROF SUN SHADING SOLUTIONS

ul. Wschodnia 23a

45-449 Opole, Poland

Tel. +48 77 55 32 100

Original instructions.

This document forms part of the instructions within the meaning of the Regulation of the Minister of Economy of 21 October 2008 on the essential requirements for machinery. The operating and maintenance instructions, installation instructions and product manufacturing documentation together constitute the complete set of instructions and are available from the manufacturer.

SRS SkyRoll_IUik

We reserve the right to make technical changes.

Valid from 2026.07.27