



SZF SkyFlow External Venetian Blind System
Operating & Maintenance Manual

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Important safety instructions.

WARNING!

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

If you find any terminology used in this Manual unclear or cannot explicitly interpret the Manual,
consult the manufacturer before attempting to install the blind.

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.






1.1. Symbols and nomenclature

Manufacturer - means subject, which manufactures and introduces the product to the market under his name or trademark. External Venetian blind is a product. Aluprof is a manufacturer.

Supplier - means any natural or legal person that makes a product of another manufacturer available on the market. The supplier may also be the product installer.


Product user - the person using the installed product.

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


Symbol	Meaning	Description
	INFORMATION	This symbol indicates important information to read and understand. It does not relate 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 the product cannot be disposed of with municipal (household) waste.


1.2. General information


The terms and conditions of product delivery are regulated in separate contracts between the vendor and the buyer. The specify the liability limits and exclude the liability for consequential losses. The vendor operating according to the general terms and conditions of product delivery will not accept any liability for non-compliance with this Manual unless related to defects attributable to the vendor.


 The Aluprof SA will not accept any liability for damage caused by incorrect operation and/or maintenance of its product and reserves the right to make changes to the documentation.

Aluprof S.A. has a policy of continuous improvement of products, customer service quality, and operating safety

 This Manual is intended for the user of the external Venetian blind. Read it before commissioning the blind for use. The Manual includes all information necessary for safe operation and proper maintenance of the blind. Keep this Manual for the whole operating life of the blind. Transfer this Manual with the blind to the new owner, if any.

 The Operating and Maintenance Manual is provided with a programming guide.

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

- The manufacturer will not accept any liability for damage caused by incorrect operation and/or maintenance of its product.
-  • No warranty claims of 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.

2. SAFETY REQUIREMENTS

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



Do not operate the Venetian blind 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 Venetian blind effects on objects or fit-out features.



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



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



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



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

3. PRODUCT OVERVIEW

The Venetian blind (the external Venetian blind) is a construction product intended for use in existing or new residential, public and industrial buildings as a privacy and sun shielding screen which provides an additional cover of a wall opening (a window or a door). The blind slats are made of first-class quality aluminium sheet metal. The sheet metal is finished with a PE (polyester) coating on both sides. This material meets the EN standards endorsed by the European Coil Coating Association, which ensures sufficient resistance to weather and elements for a long operating life. The operation of the blind slats (their opening, closing, and tilting) is managed by electrical controls, like a control switch, a portable transmitter or another control device which provides automatic control, e.g. a rain, wind, or sunlight sensor.

The external Venetian blinds are the latest solution for door and window shading / screening. With a simple and lightweight design, they can be applied in nearly all types of buildings. The Venetian blind are available in large sizes, yet they appear to be light and can blend in perfectly even with premium building fittings.

The key features of the Venetian blind include:

- easy installation and operation;
- stepless adjustment of sunlight exposure in indoor spaces by tilting the blind slats from 0 to 90° and 180°;
- reduction of heat transfer to indoor spaces with maintained exchange of air;
- perceived reduction of outdoor noise;
- Privacy screening of indoor spaces;
- two blind slat types are available: C 80, with folded edges for an improved strength, and Z 90, which provide an increased sun screening surface area;
- operation with electric motors;
- full compatibility with smart home systems / BMS.

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3.1. Control specifications

The specifications vary between the Venetian blind sizes and the specific electric motor and control types. See the full specifications on the manufacturer website.


Control specifications			
Actuator / electric motor overall length	229 - 289 [mm]	Supply voltage	230 [V AC]
Torque	6 ÷ 20 [Nm]	Frequency	50 [Hz]
Number of turns	24 lub 26 [min ⁻¹]	Operating temperature	-20 ÷ + 70 [°C]
Working time	4 ÷ 6 [min]	Protection grade	IP 44, IP 54
Drive unit rated current	0,4 ÷ 1 [A]	The length of cable with plug	0,8 [m]
Power consumption	90 ÷ 230 [W]	Cable cross section	3 x 0,75 or 4 x 0,75


Control specifications	
Max. no. of controlled units (unit groups)	1 ÷ 15
Wireless control signal range (in open field)	200 [m]
Wireless control signal range (indoor)	30 [m]

4. OPERATION AND USE

The Venetian blind and its components are designed to prevent permanent deformation in normal conditions of operation.

Frequently inspect the appearance of the Venetian blind for its technical condition. If anything abnormal is found, do not operate the Venetian blind. Contact the vendor or its authorized reseller.


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

 The Venetian blind is operated with an electric drive unit and cannot be opened or closed if the mains supply voltage is missing. It is recommended to provide a power supply back-up in areas with frequent mains outages.

4.1. Use

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

- The Venetian blind 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 Venetian blind is ready for another operating cycle once the over temperature trip cools down (which takes approximately 15 minutes).
- The Venetian blind can be operated up to 50 opening/closing cycles every 24 hours.
- When closing the Venetian blind, make sure that the slats will not strike anyone or any object.
- Do not pass across the movement range of the Venetian blind if not fully open (raised) and stopped.
- Keep the slats clean of fine grit which might damage the finish coating of the curtain when raising
- Do not open the Venetian blind if the curtain is heavy with ice.
- If snow or extremely low temperature is expected, disable the timer controls of the Venetian blind (if any) and operate the Venetian blind with manual controls only.
- if strong gusts of wind are present (see table in point 4.2. Operation), immediately raise the Venetian blind all the way up,
- Inspect the technical condition of the Venetian blind linkage (the ladder braid and bands).
- Keep hot objects and sourced of heat away from the Venetian blind (e.g. air heaters, stoves, irons, etc.).
- Do not attempt unauthorized modification of the Venetian blind structure or movement system.
- If the Venetian blind suspension system fails, bring the curtain into a resting position and secure it so until the technical service begins the repair.

 If the Venetian blind is installed over a window which opens to the outside, the window must be closed before and during the movement of the Venetian blind.

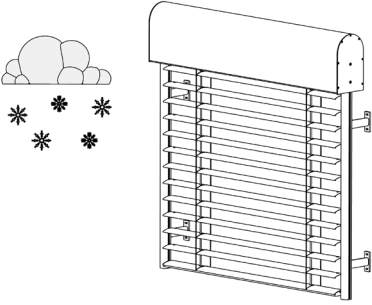
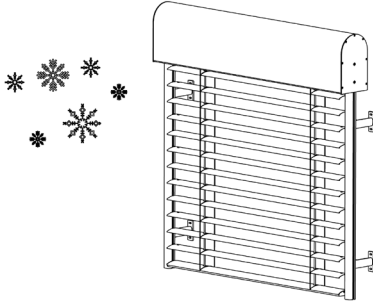
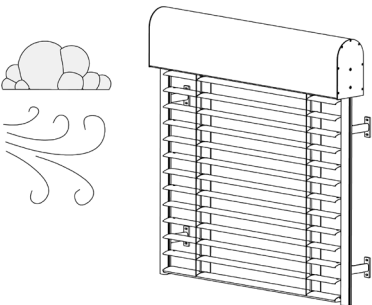
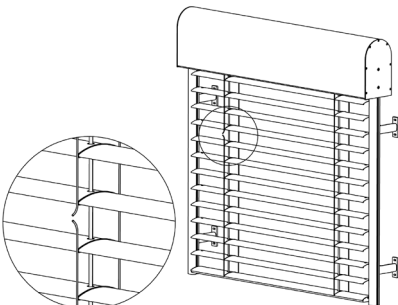
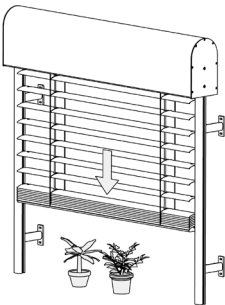
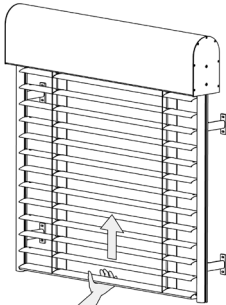
Incorrect operation of the Venetian blind may result in:

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

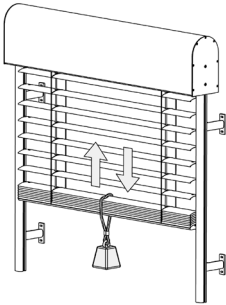
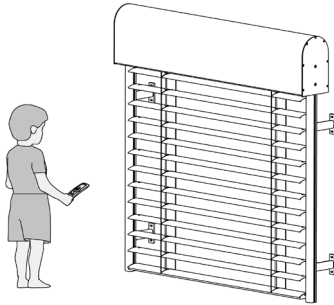
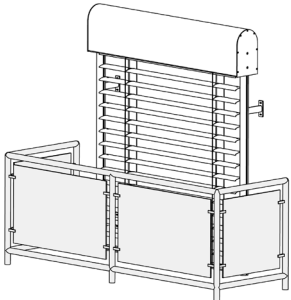
 The Venetian blind is intended for protection against sunlight only, control of exposure of the indoor space to sunlight, and privacy screening.

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OPERATING & MAINTENANCE MANUAL**

Essential operating safety guidelines for the Venetian blind:

Operation in winter	Access to the Venetian blind operating controls
	
<p>If there is any risk of icing of the Venetian blind, all automatic control of the Venetian blind must be disabled.</p> <p>i If the Venetian blind drive unit features overload protection or a collision detection system, the automatic controls do not have to be disabled.</p>	<p>Ice can build on the Venetian blind at low temperatures and/or during snowfall. Do not attempt to open or close the Venetian blind in these conditions. Operate the Venetian blind only with the ice completely removed.</p> <p>Δ Operation at low (freezing) temperatures may damage the Venetian blind.</p>
Operating the Venetian blind in wind	Technical condition of the Venetian blind linkage
	
<p>Close the window screened by the product in high wind. When absent, take the necessary precautions to prevent wind draughts.</p> <p>Δ If the Venetian blind is closed (lowered) over an open window, it may fail under the wind load.</p> <p>i The specified wind load class is guaranteed only with the window closed beneath the Venetian blind.</p>	<p>Inspect the technical condition of the Venetian blind linkage (the ladder braid and its bands).</p> <p>Δ Damage to the band or the ladder braid itself may cause the slats to fall down inadvertently and damage other Venetian blind components</p>
Venetian blind work range	Improper operation of the Venetian blind
	
<p>No one and no objects must be present within the work range of the Venetian blind and obstruct its movement. If the Venetian blind runs into an obstacle, first lift the Venetian blind slightly and remove the obstacle.</p> <p>Δ Obstruction of the Venetian blind work range may result in damage to the Venetian blind.</p>	<p>Do not pull up the Venetian blind forcibly by hand or with any tools.</p> <p>Δ Any attempt at manually raising or lowering the Venetian blind will result in improper performance or damage of the Venetian blind.</p>

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Non-intended use of the Venetian blind	Access to the Venetian blind operating controls
	
<p>Do not add any load to the Venetian blind above its installed weight.</p> <p>⚠ Any load above the installed weight of the Venetian blind will damage the Venetian blind.</p>	<p>Do not allow children to play with portable transmitter or wired control switches.</p> <p>Keep the portable transmitter away from children.</p> <p>Only adults should operate the Venetian blind controls.</p>
Venetian blind with an electric drive unit installed over a balcony / patio door	
	<p>If the balcony / patio door over which the Venetian blind 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 Venetian blind is lowered.</p> <p>⚠ Disable the automatic controls.</p>

4.2. Operation

The Venetian blind can only be operated (opened, closed, or tilted) with the electric motor installed in it.

If a control timer is used for operation, it is recommended to extend the controls with fully automatic wind and freezing temperature sensing features. If there is no freezing temperature sensor implemented, disable the controls of the Venetian blind for winter.

⚠ Raise and lower the Venetian blind to the respective end positions of travel to prevent damage of the Venetian blind.

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.

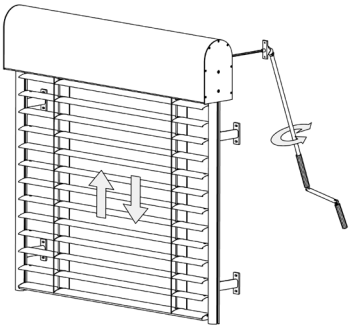
⚠ The venetian blind should be fully lifted and in to the box (top limit position) with wind exceeding the speed in a given wind load resistance class. It is also recommended to react personally in such situation despite the installed wind sensor.

Wind load resistance classification acc. to EN 13659	Safe wind speed	
	[m/s]	[km/h]
1	< 8,9	< 32,2
2	< 10,6	< 38,1
3	< 12,6	< 45,5
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 Venetian blind.

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

4.2.1. Manual drive

Venetian blinds operated with a crank	
	<p>Raising or lowering of the Venetian blind slats is done by turning of the crank in the right direction. It is important to be cautious when operating Venetian blind with crank mechanism because the gears used allow for high forces that can damage the Venetian blind components. It is necessary to stop turning when resistance is felt while lifting or bottom rail has stopped while lowering. Just before the venetian blind is completely open or close, slow down the rotation operation of the crank.</p>
	<p>⚠ With fully closed or open venetian blind, do not continue rotation operation of the crank.</p>
	<p>⚠ Any vertical tilting of the crank has to be avoid, it may increase drag and result in excessive wear.</p>

4.2.2. Electric control

The Venetian blind controls enable raising, lowering and tilting of the slats.

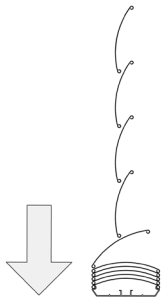
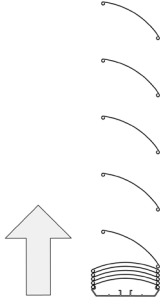
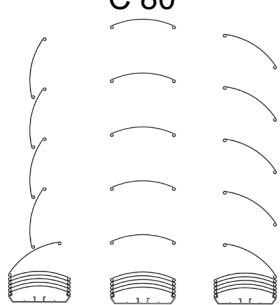
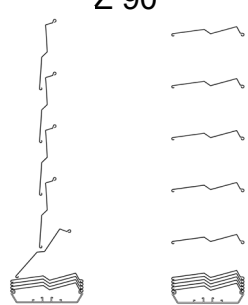
Control types:

- Wired control: requires a wired control connection between the Venetian blind electric motor and the control switch. The Venetian blind is operated with the control switch.
- Wireless (RF) control: the Venetian blind drive unit electric motor is wired to its mains power source. The Venetian blind is operated with a portable transmitter or a wall-mounted transmitter.
- Hybrid control: features wired and wireless controls which can be used alternately with a wired control switch and a portable transmitter .

Optional control devices:

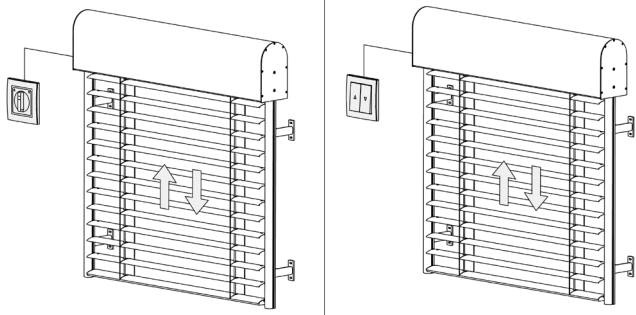
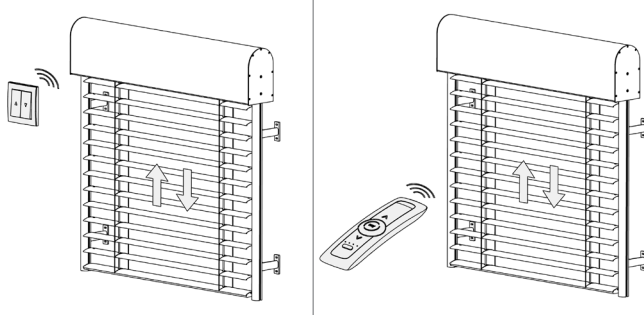
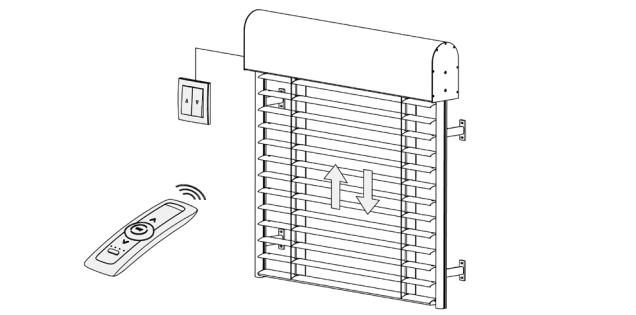
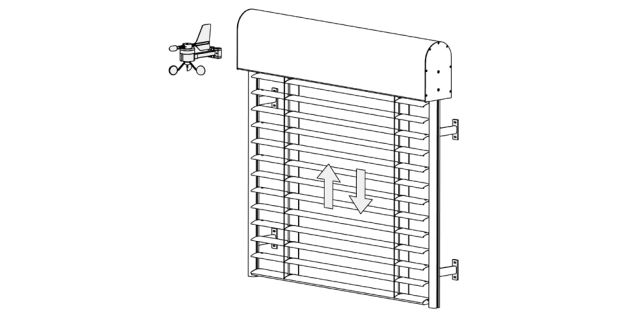
- Weather sensors, which includes wind sensors, rain sensors and sunlight sensors; these controls automatically operate the Venetian blind in response to the sensed weather conditions.
- Control timers: command the Venetian blind to open and close at preset times
- Adaptive control system: the control system "learns" and stores the daily operating pattern of the Venetian blind users; once they are learned, the control system builds an operating time schedule and follows it to automatically operate the Venetian blind.
- Venetian blind solar power supply: PV (photovoltaic) panels can be used an alternative to the primary mains supply for the Venetian blind.
- Smart building control-based operation of the Venetian blind: 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.

Opening and closing the Venetian blind		Slat tilt range	
		<p>C 80</p> 	<p>Z 90</p> 
<p>Irrespective of the applied control type, the slats are tilted while lowering the curtain and remain so until the curtain reaches the target lower position.</p>	<p>To open / raise the Venetian blind, orient the slats flat (at zero tilt) and operate the respective command switch again to raise the curtain.</p>	<p>The Venetian blind can steplessly adjust the sunlight admission to the indoor space by tilting the slats. Depending on the slat type, the maximum tilt angle can be 180° or 90°.</p>	
<p>With the Venetian blind full opened or closed, the drive unit electric motor is automatically stopped by the respective limit switch.</p>			

⚠ The Venetian blind provided with automatic controls are operated automatically. This requires monitoring to prevent hazards.

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Rotary selector / key switch control application	Portable transmitter / wall-mounted transmitter application
 <p>The Venetian blind and the slats are tilted in the commanded direction when:</p> <ul style="list-style-type: none"> - when the rotary selector is turned (clockwise or counter-clockwise); - when the respective key switch is pressed (up or down). 	 <p>The Venetian blind moves and the slats tilt in the commanded direction when the respective key switch is pressed (up or down). It is possible to fine-tilt the slats in position with the Scroll command of the portable transmitter.</p>
Wired switch and portable transmitter application	Weather sensor application
 <p>The Venetian blind moves and the slats tilt in the commanded direction when the respective key switch or portable transmitter button is pressed (up or down).</p>	 <p>The Venetian blind starts moving to a specific position and/or the slats tilt to a specific angle 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 key switch / portable transmitter.</p>

! If the Venetian blind 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

The product 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.

i 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 top coat of paint, therefore it is recommended to remove the dirt immediately.


Substances and methods that absolutely should not be used in the case of product 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.

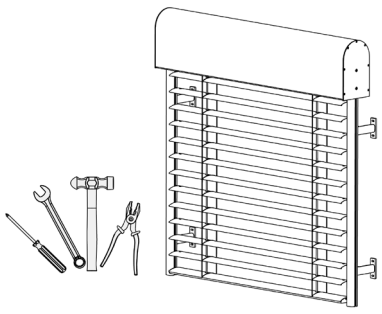
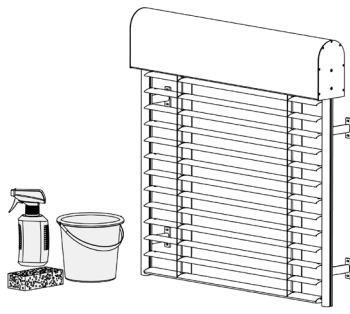




Difficult to remove dirt, such as: tar, resin, fats, pollen, bird droppings, rust, etc., can cause permanent stains. Persistent cleaning, especially with unauthorized cleaning agents or methods, may damage the product. It is recommended that before undertaking any cleaning work determine their relevance.

! 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.

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 Do not attempt to alter or modify the product without authorization; 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 authorized 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
	
<p>Frequently inspect all visible parts of the Venetian blind for jamming and other types of damage. If any operating abnormality or damage is found, do not attempt to repair the Venetian blind on your own. Call an authorized professional technical service provider.</p>	<p>Regularly clean the Venetian blind surfaces to ensure a long operating life. Clean with suitable products only.</p>
<p> Failure to isolate the Venetian blind from its mains power supply is an electrocution hazard while repairing the electrical wiring connections.</p>	<p> Failure to isolate the Venetian blind from its mains power supply is an electrocution hazard while servicing the electrical wiring connections.</p>
<p> Electrical servicing must only be performed by suitably licensed professionals.</p>	<p> Frequently clean the Venetian blind running tracks to remove all foreign objects and dirt.</p>

5.1. Maintenance

If dirty, the Venetian blind may suffer failure of the components critical to proper operation. Clean the Venetian blind at least once a year or twice a year, if operated at a sea coast or an industrial area.


Simple maintenance tasks can be performed by the Venetian blind user and do not require special skills. Simple maintenance tasks include functional tests of raising and lowering the slat and the limit switches. They also include a routine visual inspection of the technical condition of the Venetian blinds:

- lack of slat bends,
- lack of unfastened pins,
- lack of thick deposits of sediments, insects, leaves, etc. on the surface,
- lack of cord tear,
- lack of textiles tear.

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

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


- Clean the Venetian blind while it is not moving. Start by lowering the Venetian blind fully and tilting the slats to one side fully; once the side exposed is clean, tilt the slats to the opposite end and clean the other side.
- Disconnect the mains power supply from the Venetian blind before cleaning the window or the wall near the Venetian blind or the Venetian blind itself.
- Do not let any water enter the head rail.
- Do not clean with any sharp, rough, or abrasive tools or any abrasive or aggressive cleaning products.
- Do not firmly press on any part of the Venetian blind or its slats.
- Clean the curtain surface with water and some mild, neutral detergent (clean at a temperature from 10 °C to 25 °C). Lower the Venetian blind and tilt the slats to an angle at which cleaning will be feasible. Clean by wiping with a sponge or chamois leather. Finish by rinsing with enough of clean water. Do not clean with pressure washers. Protect the Venetian blind 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.
- 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.

 Wet cleaning of the slats may result in unsightly streaks. It is highly recommended to clean the product with dedicated professional equipment.

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

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

5.2. repairs

 Do not attempt unauthorized repair or modification of the Venetian blind structure or movement system. If the product fails to work properly, any of its components requires replacement or the Venetian blind structure requires any modification, contact the supplier or its authorized representative, as this work may only be carried out by an authorized installer.


The manufacturer will not be liable for:

- incorrect tensioning or failure of the guide cord by improper use;
- unauthorized attempts at repairing the guide cord tensioning system;
- loss of aesthetic value by presence of dirt, damage from chemicals, etc.;
- damage of the movement system by overloading;
- 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;
- scratching 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;
 - force majeure, including (and not limited to) flooding of the installation site, presence of vermin or other animals, or exposure to high winds, rain, freezing temperatures, or snow. If there is a risk of any of these exposure types, protect the Venetian blind by keeping it open (fully raised).

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

5.3. Technical inspection

To maintain the full performance and proper operation of the product, 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 Venetian blind user is only authorized to perform simple maintenance tasks specified in Section "Maintenance" and regular visual inspections of the technical condition of the Venetian blind.

 Systematic inspection of the product helps prevent premature failure.

The Venetian blind 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 curtain raises and lowers 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 proper tension of the guide cords;
- Inspect the electric motor fastening;
- Inspect the electrical wiring of the Venetian blind and their connections with the building's electrical installation;
- Test the functioning of the product's movement system components and inspect their technical condition;
- Quality assessment of the guide channels, curtain profiles and seals,
- 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 Venetian blind (external Venetian blind) 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.

Do not:



- Operate the Venetian blind if damaged;
- Let anyone or anything remain within the clearance of the raised Venetian blind;
- Walk under the Venetian blind which is in motion;
- Let the Venetian blind 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;
- Leaning on the Venetian blind: you may fall out through the screened door / window!

7. REMOVAL AND END-OF-LIFE DISPOSAL



The Venetian blind 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 components 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 the Directive of the European Parliament and of the Council 2012/19 / EU of 4 July 2012 on waste electrical and electronic equipment (WEEE), it is prohibited to place of used equipment together with other wastes, marked with crossed out wheeled bin symbol. The users are obliged to transfer their used equipment to a designated collection point for proper processing. The marking means, at the same time, that the equipment was put 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 dangerous components, which would have any 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.

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 top rail of Venetian blind, i.e. in the place where the slats pile up.

The label includes, among others manufacturer's data, 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.

9. INSTALLATION INSTRUCTION

9.1. Installation instruction for external venetian Blind in SZF/A adapting sySTEM



https://www.katalog.aluprof.com/dokumenty/Instrukcje_montazu/SZF_A_m_en.pdf

9.2. Installation instruction for external venetian blind in SZF/P SkyFlow under plaster system



https://www.katalog.aluprof.com/dokumenty/Instrukcje_montazu/SZF_P_m_en.pdf

9.3. Installation instruction for external venetian blind in SZF/S self supporting system



https://www.katalog.aluprof.com/dokumenty/Instrukcje_montazu/SZF_S_m_en.pdf

9.4. Installation instruction for external venetian blind in SZF/BX1 SkyFlow under plaster system



https://www.katalog.aluprof.com/dokumenty/Instrukcje_montazu/SZF_BX1_m_en.pdf

SZF SkyFlow blind

The product meets the CE safety requirements

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ORIGINAL INSTRUCTION

IUK_SZF_SkyFlow_pl

SZF SkyFlow_IUik

We reserve the right to any technical change.

Valid on 2023.09.01