

EXTERNAL BLINDS

INSTRUCTIONS FOR USE

In connection with Article 10 of the Construction Products Act, we declare that aluminium blinds **KRPAN** and **KRATER** of types **CT-65**, **C-80**, **CT-80**, **ZX-75**, **ZX-90** are manufactured in accordance with Article 24 of the Construction Products and Material Production Act: quality coloured aluminium in the strip, aluminium profiles (certificates of manufacturers are in the company's archives), thermofixed strips and polyester slats that meet the standards for outdoor use and are stabilized to temperature changes in the Central European zone. External blinds of the above types comply with the SIST EN standard. All plastic components are injection-moulded from UV-stabilized material.

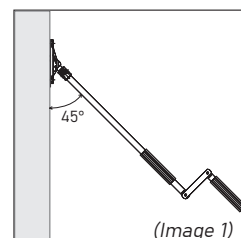
With regard to the quality of raw materials and the quality assurance system according to the ISO 9001:2015 standard in the process of production, marketing and installation, we declare that the said product meets the prescribed requirements for conformity of construction products (Official Gazette 52/00).

The blind can only be installed by a qualified installer on the inside or outside of a window or a balcony.

CONTROL METHODS

Version with a lever drive (manual crank - MC):

- The crank is bent at the designated points into a position resembling the number four.
- One hand holds the crank while the other turns it clockwise to tilt the shading and lift, or counterclockwise to tilt the shading in the opposite direction and lower.
- When using the manual crank, apply only as much force as is necessary for the normal operation (shading and movement) of the blinds.
- Excessive force may damage the mechanism.
- The ideal angle for operating the manual crank is 45°, which allows for normal operation of the mechanism without damage (image 1).



Version with an electric motor (EM):

Operating with a wall button

- The blind is operated with a wall button, which has three positions (middle, upper and lower).
- For shading, press the button until you reach a suitable angle of the slats and thus the desired shading.
- The motor automatically stops at the factory preset end positions.

Operating with a remote control (in the case of a version with a receiver) we use three keys (move up, stop, move down)

- For shading, shortly press the key to move to the upper or lower position until the desired shading is achieved.
- To move the blind, hold down the button (move up or move down) for two seconds, after which the blind automatically starts moving to the factory-set upper or lower position.
- The motor automatically stops at the factory preset end positions.

Control with Sensors

- It is possible to control the system with sensors, timers, etc., which makes using our products easier (retrofit installation is possible).
- Instructions for these are provided upon handover for use.

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WARNINGS

- When raising the blinds, it is essential to ensure that there is no ice on the slats during winter, as lifting them under such conditions can cause damage to the slats. Stones, branches, or other objects thrown against the blinds by the wind or other forces can also cause mechanical damage.
- Venetian blinds are classified into wind class 3–5, depending on the type of slats and guides. The **CT-65, C-80, and CT-80** blinds are classified in **wind class 3**, meaning they can withstand wind speeds of up to 60 km/h. The **ZX-75 and ZX-90** blinds are classified in **wind class 5**, meaning they can withstand wind speeds of up to 90 km/h. The classification into a specific wind class is valid for the nominal dimension according to the standard (200 × 250 cm). Smaller or larger dimensions have proportionally better or worse wind resistance. Therefore, blinds should be properly secured before forecasted strong wind loads.
- In cases of storms or severe weather when stronger gusts of wind are expected, it is crucial to raise the blinds to the upper position, as even wind sensors (if installed) may not respond quickly enough to lift the blinds and prevent damage. The warranty does not cover wind gusts during storms, even with installed wind sensors.
- Motorized blinds should not be overloaded with rapid movements (up and down in succession), as this can cause mechanical failure. When lowering the blinds, it is crucial to ensure that there are NO obstructions in the path (person, animal, plant, or object), as if the blind hits an obstruction, it may result in the lifting strap becoming tangled, preventing normal use. An obstruction can cause the straps to come out of their fittings, which may tear when raising the blinds.
- After using the blind with a manual crank, it should be secured in the designated holder to prevent unwanted damage (bending or breaking of the crank, dislodging of the crank from the mechanism).
- Blinds with electric motors should not be washed with running water, as this can result in electric shock.
- The manufacturer cannot guarantee a uniform shade of slats and profiles in every series. There is a possibility that the shade of the product will not match the samples, as it is from a different series, so such discrepancies are not subject to complaint. The manufacturer guarantees the supply of slats and profiles in the declared RAL color, but with the possibility of minor shade variations depending on the series, which are still within the declared RAL color range.
- Insect screens provide high protection against insects but do not guarantee 100% protection against flying and crawling pests.
- During the raising or lowering of venetian blinds, minor vibrations, shakes, or sounds may occur. These are part of normal mechanical operation and do not indicate a malfunction. Such sounds and movements often decrease or disappear entirely after a period of use, as the materials and components adjust accordingly. These are characteristics of normal operation and have no impact on the product's functionality, safety, or lifespan. Therefore, these occurrences are not considered a defect and do not constitute grounds for a warranty claim.

If any of the operating components of the external blinds (manual crank, electric motor, switches, sensors) do not function correctly or are damaged, it is advisable to cease use until the issue is resolved. Care in operation means longer-lasting performance.