



aluplast® - Specialist for window and door systems

ROLLER SHUTTERS

GOOD CLIMATE



aluplast roller shutters. Good climate.

**BETTER
WINDOW
INSULATION**



**ACOUSTIC
INSULATION**



**ENERGY
COSTS
REDUCTION**



SAFETY AND PRIVACY

Roller shutters give you the feeling of security and privacy. In a natural manner they protect our intimacy against the prying eyes of the others. Additionally, all offered solutions greatly extend the break-in time, thus improving the sense of safety of the household members.



ENERGY EFFICIENCY

One of the biggest advantages of roller shutters installation is the energy costs reduction. In summer, roller shutters provide excellent protection against sun and high temperature; when wound down, they allow to lower the temperature even by 10°C. They make interiors of our house get warm slower. In winter they constitute a tight barrier for the cold, thus letting you effectively reduce heating costs.



SILENCE AND PEACE

Roller shutters increase acoustic insulation, significantly lowering the noise levels in the protected interiors. Properly installed roller shutter, after being wound down, can reduce the level of sound penetrating into the interior by even 6 to 14 decibels. This is very important, especially for those, who value peace and silence in the crowded city space.



INTERIOR VENTILATION

Roller shutters with perforated shutter slats offer additional function of ventilation of the interior even with the shutter wound down. They protect the house against violent gusts of wind and draughts – biting, if we ventilate the room leaving the windows wide open. By winding the shutter up or down you can control the airflow in the interior.

Living comfort



SHUTTER **SLATS**

Depending on the needs, aluplast roller shutters may be equipped with shutter slats made of:

- u-PVC
- PUR foam filled aluminium

Shutter slats are available in the following types and sizes:

- MINI PVC 37 mm
- MAXI PVC 52 mm
- MINI ALU 39 mm - standard
- MINI ALU 45 mm
- MAXI ALU 52 mm

Rich colour palette

Numerous colour configurations allow you to match all the elements of the roller shutters to the individual needs of the customer. Thanks to more than 28 colour variants of the shutter slats, you have a possibility to create the unique looks of your house and make it stands out from the others.



01 - white (RAL 9016)

02 - beige (RAL 1013)

03 - brown (RAL 8014)

04 - dark brown (RAL 8019)

11 - ultra white (RAL 9016)

21 - light wood

22 - dark wood

23 - golden oak

25 - mahogany

27 - walnut

28 - winchester

30 - light grey (RAL 7047)

31 - silver (RAL 9006)

32 - grey (RAL 7038)

33 - dark beige (RAL 1019)

37 - basalt grey (RAL 7012)

38 - quartz grey (RAL 7039)

39 - concrete grey (RAL 7023)

41 - creme white (RAL 9001)

42 - green (RAL 6005)

43 - anthracite (RAL 7016)

44 - steel blue (RAL 5011)

45 - red (RAL 3003)

46 - black (RAL 9011)

47 - fir green (RAL 6009)

48 - yellow (RAL 1033)

49 - maroon (RAL 3005)

50 - ivory (RAL 1015)



Rich offer

Top-mounted roller shutters

aesthetic and warm

- installed onto top of the window frame
- require earlier planning of the window opening
- fit universally to every window type
- front plastered (invisible) or covered with decorative foil

Adaptation roller shutters

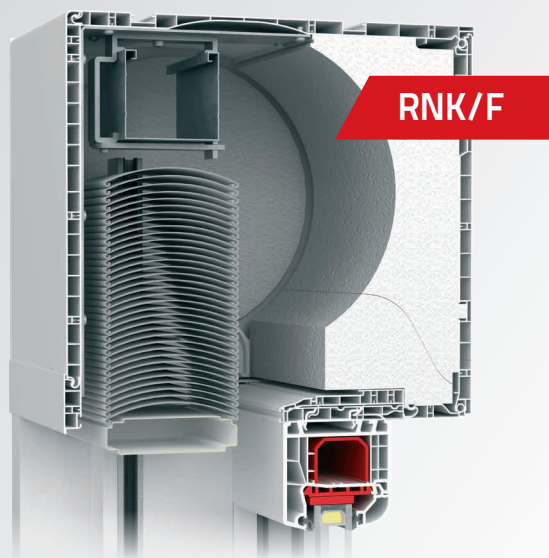
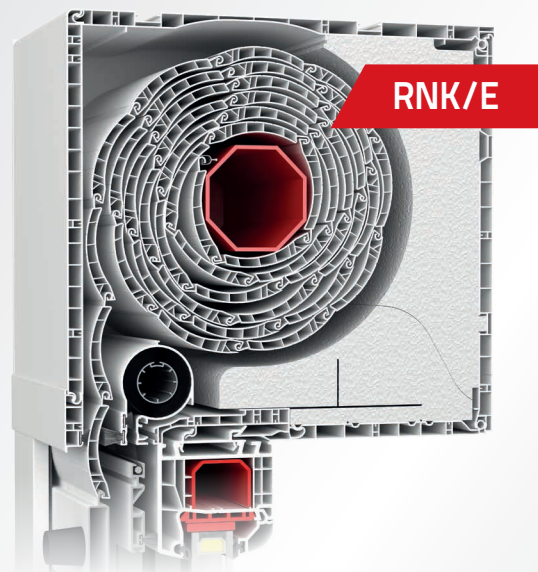
recommended for energy efficient
and passive houses

- require no earlier planning on the project stage
- fit universally to every window type
- installed onto the wall or in the wall recess

Top-mounted systems

RNK/E top-mounted roller shutter

- The latest solution of the roller shutter
- uPVC box and the guide rails
- Service cover alternatively opened from the inside, bottom or from the outside
- Insect screen installation possible, also after installation of the roller shutter and finishing works
- Extraordinarily easy installation and stable construction
- Compatible with all aluplast profiles and profiles of other manufacturers made of PVC, aluminum and wood up to frame depth of 90 mm
- Wide range of colours and decorative foils available
- Compatible with shutter slats type MINI or MAXI
- Insulated box side covers
- Meets the requirements of EnEV 2014

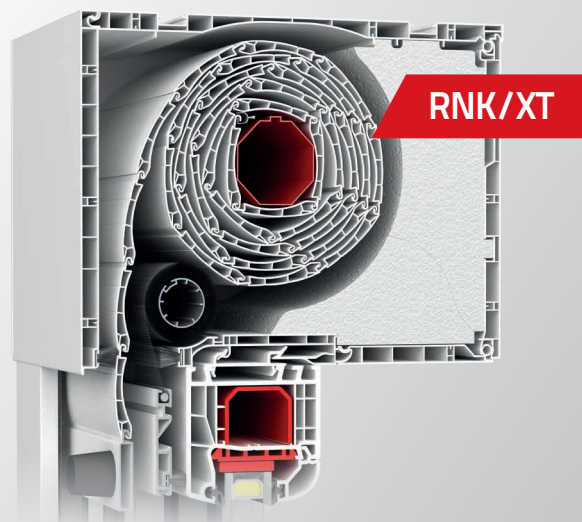


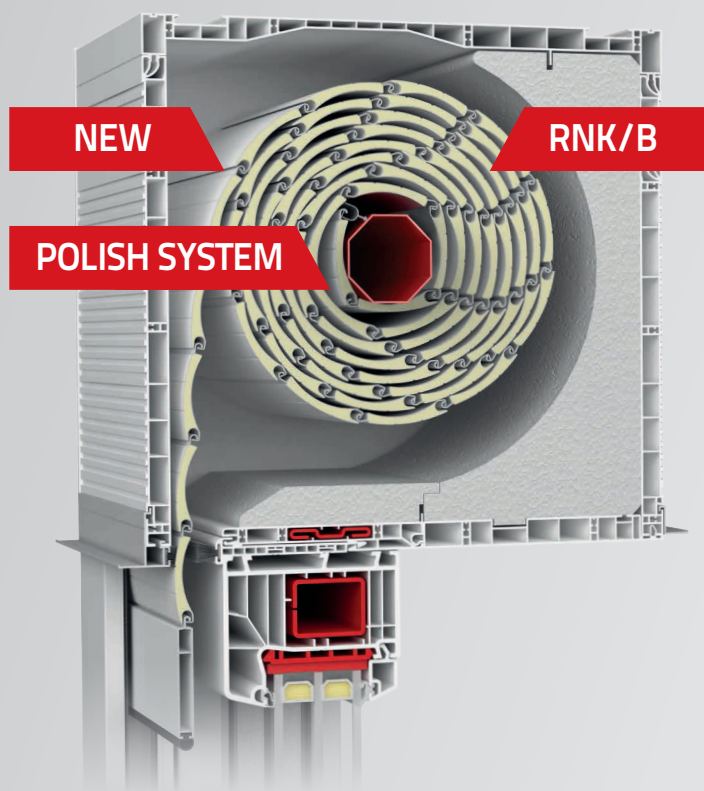
RNK/F venetian blinds system

- Solution based on the RNK/E system box
- Can be plastered both from the side of interior and from the outside
- Shutter box and guide rails made u-PVC
- Easy disassembly of the shutter curtain
- Extraordinarily easy installation and stable construction thanks to installation fittings, holding up the shutter
- Compatible with all aluplast profiles and profiles of other window profiles manufacturers made of PVC, aluminum and wood
- Wide range of colours and decorative foils available
- Insulated box side covers
- Meets the requirements of EnEV 2014

RNK/XT top-mounted roller shutter

- Universal roller shutter for integration with window with option for service cover on the inside or on the bottom side of the box
- uPVC box and the guide rails
- Insect screen installation possible
- Extraordinarily easy installation and stable construction
- Compatible with all aluplast profiles and profiles of other window profiles manufacturers made of PVC, aluminum and wood
- Wide range of colours and decorative foils available
- Compatible with shutter slats type MINI
- Insulated box side covers
- Meets the requirements of EnEV 2014





RNK/B top-mounted roller shutter

Shutter system installed on top of the window frame, universal for any PVC, wooden or aluminium window, suitable for both new buildings and the already existing ones.

- three box sizes (heights) available: 165 mm, 205 mm and 245 mm featuring 255 mm depth, letting you match roller shutter size to the different sizes of windows and doors
- roller shutter system available both with or without rollup insect screen
- rollup insect screen located between the window and the shutter, additionally protecting the screen from damage
- aesthetic service cover with an easy-to-operate locking system in the bottom side of the box
- various options of box covering available
- various box insulation types allowing to adapt optimally the roller shutter parameters to the climatic conditions
- production of PVC components based on environment friendly, lead-free stabilizers
- possibility to control the roller shutter using manual or electric drives
- system construction allowing for the execution of numerous roller shutter sets in one box

RNS top-mounted roller shutter

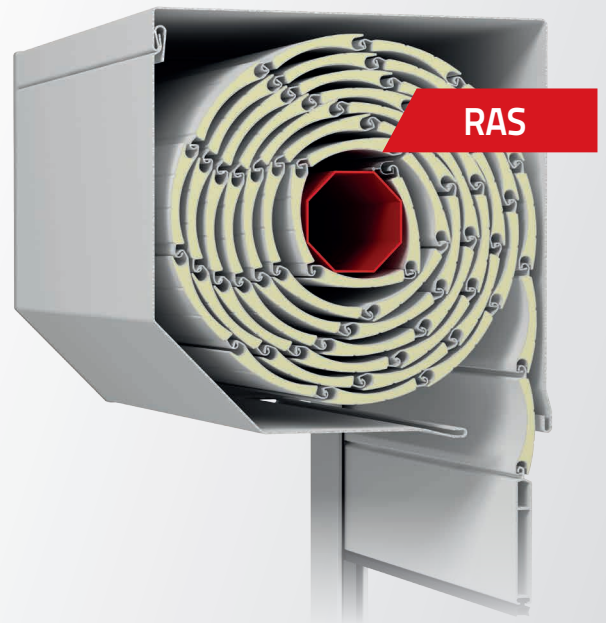
- classic roller shutter for integration with window
- uPVC box and the guide rails
- Service cover opened traditionally from the front from the inside
- Easily dismantled internal components
- Insect screen installation possible
- Extraordinarily easy installation and stable construction
- Compatible with all aluplast profiles and profiles of other window profiles manufacturers made of PVC, aluminum and wood
- CAUTION Doesn't meet the requirements of EnEV 2014



Adaptation systems

RAS adaptation roller shutter

- Most popular system of adaptation roller shutter made of roll-formed tin
- Construction fully made of aluminium (box, covers, guide rails)
- Service cover at 45 degree angle
- Suitable for installation in buildings with already installed windows
- Wide range of RAL colours available for box parts
- Decorative foils (elements partially covered) available: mahogany, walnut, golden oak
- Available box sizes: 125, 137, 150, 165, 180, 205 mm
- Insect screen integration possible

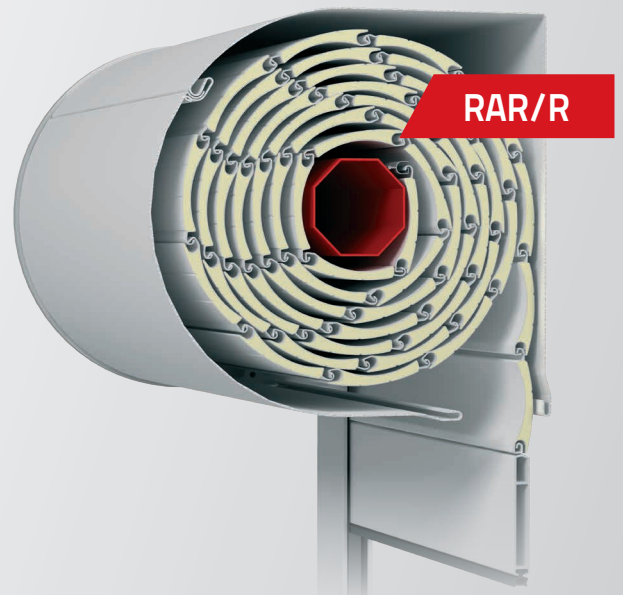


RAK/E adaptation roller shutter

- Adaptation roller shutter intended for plastering
- Construction fully made of aluminium (box, covers, guide rails)
- Flat service cover from the bottom of the box
- Wide range RAL colour palette in the visible box elements
- Decorative foils available mahogany (05), golden oak (23), walnut (27), dark oak (06)
- Available box sizes: 137, 165, 180, 205 mm
- Insect screen integration possible

RAR/R adaptation roller shutter

- System made of roll-formed tin with rounded service cover
- Construction fully made of aluminium (box, covers, guide rails)
- Suitable for installation in buildings with already installed windows
- Wide range of RAL colours available for box parts
- Available box sizes: 137, 165, 180, 205 mm
- Insect screen integration possible





INTELLIGENT INTEGRATION

Roller shutters can be operated using various drive types: from basic solutions, such as winding belt or rope, through crank drives to electric drives, installed inside the winding pipe, guarantee smooth and silent operation of roller shutter. Roller shutters can be supplemented with remote control system and with electronic switches.



Roller shutter drives and control systems

Modern automatic systems applied in our roller shutters make using them easier and more comfortable. Every offered solution guarantees a trouble-free operation and great atmosphere in your interiors.

Electric roller shutter drives are particularly recommended for the rooms characterised by great sun exposure.

Modern constructions even more often use wireless communication for control systems, whether it is a remote or wall controller, not only easy to use, but also playing an important role in the automation process of our house.

aluplast roller shutter systems offer possibility of application of various drives and operating solutions:

- manual (strap/rope-operated, fixed crank handle /detachable crank handle/offset crank handle)
 - spring wound with basquill lock
 - basic electric, cord-operated
 - electric, radio-operated
 - electric with obstacle detection
- intelligent (such as Somfy IO Control)





aluplast® - Specialist for window and door systems

aluplast GmbH is one of the leading system providers for PVC windows, doors, roller shutters and controlled domestic ventilation. The family-owned company headquartered in Karlsruhe (Germany) was founded in 1982 by Manfred J. Seitz. Today, aluplast® has 24 production sites and sales offices all over the world. With its wide product portfolio, the company offers almost any conceivable window construction and variation. aluplast®,s success is based above all on the company's market proximity always resulting in pioneering innovations.

Learn more at www.aluplast.com.pl