

# EKOSOL

WINDOWS | PATIO DOORS | ROLLER SHUTTERS | BLINDS | GARAGE DOORS



ONLY CLEAN ENERGY



We are pleased to introduce EKOSOL – a new brand on the market, created with passion by high-class experts. Our name reflects how we operate.

**EKO stands for environmental care and sustainable development, while SOL symbolizes solar energy and the modern technologies of the future.**

We specialize in the production of energy-efficient, passive windows that minimize energy loss and support ecological construction. At EKOSOL, we combine innovative technological solutions with a responsible approach to managing natural resources. Our goal is not only to provide the highest quality products but also to shape a future where comfort and ecology go hand in hand.

# WINDOWS



# SolBASIC



- 5-chamber frame and sash profile with an installation depth of 70mm.
- Sash system available in two variants: Softline (straight sash) and Round Line (rounded sash).
- Bonding Inside – a proprietary design featuring perimeter glass bonding. This allows for significantly larger structures and reduces the need for hardware adjustments to a minimum.
- Aluskin System – optional external aluminum cladding available.



0,92 W/m<sup>2</sup>K\*



43 (-1;-2) dB\*\*



800-1600 Pa



900 Pa

\* With the use of triple glazing 4S11/14/4/14/4S11 with  $U_g = 0,6$  W/m<sup>2</sup>K and a warm edge spacer bar with  $\psi = 0,03$  W/m<sup>2</sup>K.

\*\* With the use of glazing 9VSGSi/16/10.

All data provided for a standard window, i.e., a single-sash window with dimensions of 1230mm x1480mm.

# SolSTANDARD

- 6-chamber frame and sash profile with an installation depth of 76mm.
- MD profile system with a center seal.
- Sash system available in Softline variant – straight sash.
- Bonding Inside – a proprietary design based on perimeter bonding of the glazing unit. This allows for significantly larger structures and reduces the need for hardware adjustments to a minimum (optional).
- Aluskin System – optional external aluminum cladding available.



0,82 W/m<sup>2</sup>K\*



44 (-1;-2) dB\*\*



800-1600 Pa



900 Pa

- With the use of triple glazing 4S11/18/4/18/4S11 with  $U_g = 0.5 \text{ W/m}^2\text{K}$  and a spacer bar with  $\psi_s = 0.03 \text{ W/m}^2\text{K}$  for the Flatline variant.

\*\* With the use of glazing VSG44.2SI/14/4/14/8.

All data provided for a standard window, i.e., a single-sash window with dimensions of 1230mm x 1480mm.

# SolSTANDARD+



0,65 W/m<sup>2</sup>K\*



44 (-1;-4) dB\*\*



800-1600 Pa



900 Pa

\* With the use of triple glazing 4SI1/18/4/18/4SI1 with  $U_g = 0.5 \text{ W/m}^2\text{K}$ , a spacer bar with  $\psi = 0.03 \text{ W/m}^2\text{K}$ , and the Foam Inside system.

\*\* With the use of glazing VSG44.2SI/14/4/14/8.

All data provided for a standard window, i.e., a single-sash window with dimensions of 1230 mm x 1480 mm.

- 6-chamber frame and sash profile with an installation depth of 76mm.
- MD profile system with a center seal.
- Sash system available in Flatline variant – the outer edge of the sash is flush with the frame.
- Powerdur Inside – an innovative PVC profile construction technology using composite reinforcements with fiberglass additives, improving the heat transfer coefficient and the static properties of the structure.
- Foam Inside System – a proprietary design aimed at injecting polyurethane foam into the profile chamber, improving the window's thermal performance by up to 20% (optional)
- Bonding Inside – a proprietary design based on perimeter bonding of the glazing unit. This allows for significantly larger structures and reduces the need for hardware adjustments to a minimum (optional).
- Aluskin System – optional external aluminum cladding available.
- This system fits perfectly into passive housing trends.

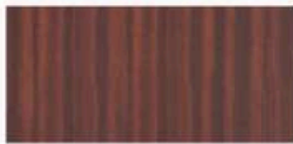
# AVAILABLE COLORS

SolBASIC  
SolSTANDARD  
SolSTANDARD+

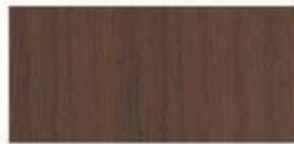
## STANDARD



ES02 Natural Oak



ES05 Mahogany



ES06 Dark Oak



ES15 Oregon III



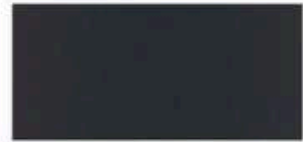
ES23 Golden Oak



ES27 Walnut



ES34 Grey - Woodgrain



ES40 Anthracite Grey - Woodgrain



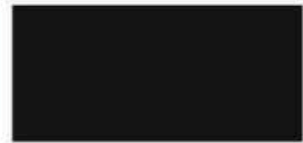
ES50 Cream



ES60 Anthracite Grey - Sand structure



ES61 Grey - Sand structure



ES71 Jet Black

## WOODECK



ES19 Turner Oak Malt



ES20 Sheffield Oak Alpine



ES21 Sheffield Oak Concrete



ES22 Turner Oak Toffie



ES35 Turner Oak Walnut



ES39 Turner Oak Amber

## ALUDECK



ES03 Anthracite Grey MAT



ES04 Jet Black MAT



ES07 DB703 MAT



ES08 Basalt Grey MAT



ES12 Umbra Grey MAT



ES36 Traffic White MAT



ES37 Window Grey MAT

## NON-STANDARD



ES01 Special Oak



ES11 Douglas Fir



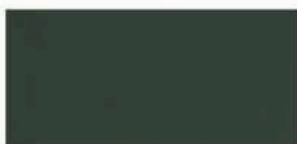
ES25 Rosewood



ES28 Walnut Terra



ES29 Walnut Amaretto



ES30 Dark Green



ES32 Dark Red



ES41 Steel Blue



ES42 Agate Grey



ES43 Green



ES44 White - woodgrain



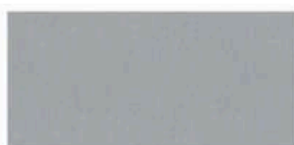
ES47 Brilliant Blue



ES52 Birch



ES62 Basalt Grey



ES63 Brushed Aluminium



ES65 Quartz Grey



ES75 Sheffield Oak Light



ES79 ALUX DB 703



ES90 Silk Grey



ES93 Sheffield Oak Brown



ES94 Sheffield Oak Grey



ES95 Khaki Oak



ES26 Dark Brown MAT



ESF9 Concrete Grey

# SolPREMIUM

- 7-chamber frame and sash profile with an installation depth of 88mm.
- MD profile system with a center seal.
- Slim profiles available in non-flush sash variants.
- Foam Inside System – a proprietary design aimed at injecting polyurethane foam into the profile chamber, improving the window's thermal performance by up to 20% (optional).
- Bonding Inside – a proprietary design based on perimeter bonding of the glazing unit. This allows for significantly larger structures and reduces the need for hardware adjustments to a minimum (optional).
- The system fits perfectly into passive housing trends.



0,72 W/m<sup>2</sup>K\*



47 (-2;-5) dB\*\*



800-1600 Pa



900 Pa

\* With the use of triple glazing 4SI1/18/4/18/4SI1 with  $U_g = 0.5 \text{ W/m}^2\text{K}$  and a warm edge spacer bar with  $\psi = 0.03 \text{ W/m}^2\text{K}$ .

\*\* With the use of laminated safety glass VSG SI66.2/20/VSG SI44.2.

All data provided for a standard window, i.e., a single-sash window with dimensions of 1230mm x 1480mm.



# AVAILABLE COLORS **SoI**PREMIUM

## STANDARD



ES209 Golden Oak



ES212 Winchester XA



ES232 Grey



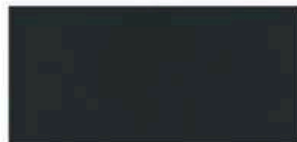
ES233 Basalt Grey



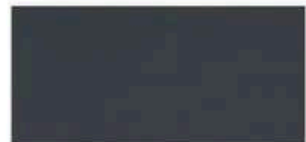
ES235 Quartz Grey



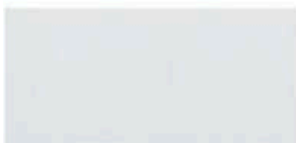
ES236 Anthracite Grey



ES239 Anthracite Sand



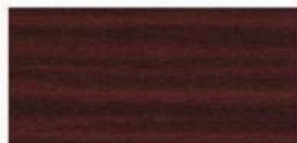
ES240 Anthracite Ulti Matt



ES114 Light Grey



ES245 Walnut



ES248 Mahogany



ES250 Dark Oak

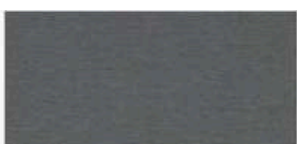


ES97 Anthracite Matt

## PREMIUM



ES100 Brushed Silver



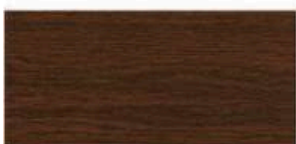
ES103 Brushed Anthracite Grey



ES230 Cream White



ES237 Agate Grey



ES246 Rustic Oak



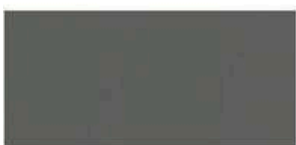
ES247 Siena PR



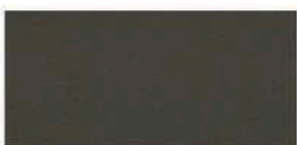
ES255 Brilliant Blue



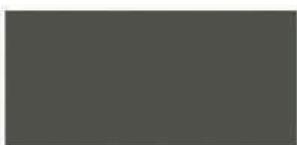
ES04 Jet Black MAT



ES62 Basalt Grey



ES08 Basalt Grey MAT



ES113 Mattex DB703

# PRESTIGE

 <p>ES101 Brushed Platinum</p>	 <p>ES102 Brushed Quartz Grey</p>	 <p>ES107 Black-Grey MAT</p>	 <p>ES109 Quartz Grey matt</p>
 <p>ES203 Irish Oak</p>	 <p>ES226 Mountain Pine</p>	 <p>ES229 White</p>	 <p>ES231 Agate Grey</p>
 <p>ES234 Basalt Grey</p>	 <p>ES238 Slate Grey</p>	 <p>ES32 Dark Red</p>	 <p>ES252 Wine Red</p>
 <p>ES256 Steel Blue</p>	 <p>ES257 Chocolate Brown</p>	 <p>ES258 Dark Brown</p>	 <p>ES259 Soft Grey</p>
 <p>ES30 Dark Green</p>	 <p>ES79 ALUX DB 703</p>	 <p>ES260 Black Ulti Matt</p>	

# PATIO DOORS





## SLIDING SYSTEM SolPSK

- The tilt-and-slide system combined with automatic hardware allows for easy operation of the sash
- PSK-S and PSK-Z systems are available in all Ekosol window systems
- The system ensures excellent tightness



0,73 W/m<sup>2</sup>K\*



45 (-2;-6) dB\*\*



800 Pa



600 Pa

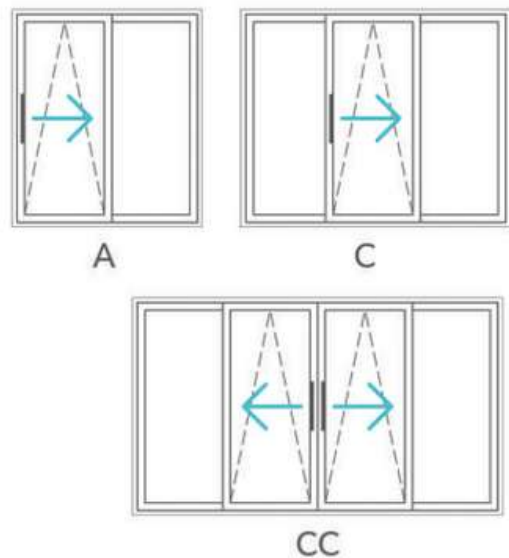


4500 mm



2550 mm

### Available opening variants



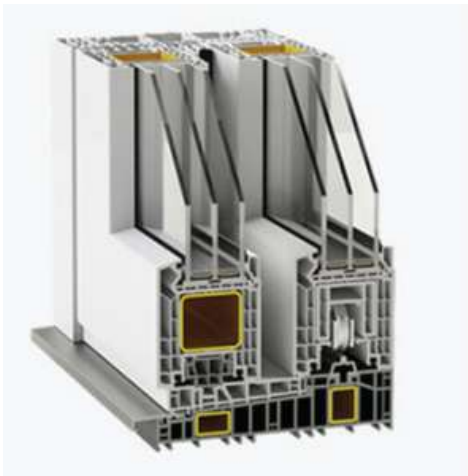
\*When using 4SI1/18/4/18/4SI1 glazing with  $U_g = 0.5$  W/m<sup>2</sup>K and a spacer bar with  $\psi = 0.03$  W/m<sup>2</sup>K

\*\* When using VSG SI66.2/20/VSG SI44.2 glazing

All data provided for a standard window, i.e. a single-sash window with dimensions of 1800mm x 2100mm

# SLIDING SYSTEM SolHST

- Lift-and-slide technology ensures durability and smooth operation of the system
- 5-chamber installation profile with a depth of 197 mm
- Possible use of the "master step" solution (threshold recessed into the floor) eliminating communication barriers
- Micro-ventilation achieved through the use of a dedicated striker
- Possibility of using hardware with an increased burglary resistance class RC2



0,92 W/m<sup>2</sup>K\*



43 (-1;-2) dB\*\*



800-1600 Pa



900 Pa

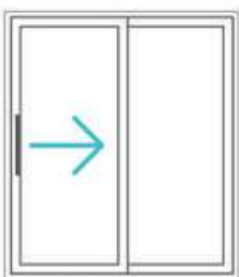


6000 mm

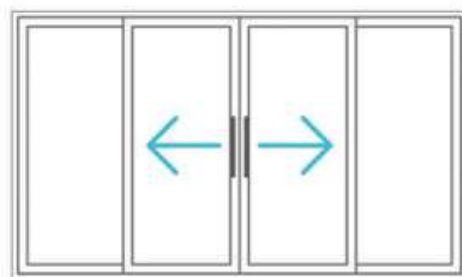


2850 mm

## Available opening variants



A



C

\*When using 4SI1/18/4/18/4SI1 glazing with  $U_g = 0.5 \text{ W/m}^2\text{K}$  and a spacer bar with  $\psi = 0.03 \text{ W/m}^2\text{K}$

All data provided for a standard construction, i.e. with dimensions of 4000mm x 2300mm



# SLIDING SYSTEM SoISLIDE

- Parallel-slide-and-tilt hardware ensures smooth operation and perfect sealing
- 6-chamber frame profile with an installation depth of 157.5mm, and a 5-chamber sash system with a depth of 81mm
- A perfect alternative to HST or PSK
- Perimeter gap ventilation system providing air circulation



0,70 W/m<sup>2</sup>K\*



30 dB\*\*



1200 Pa



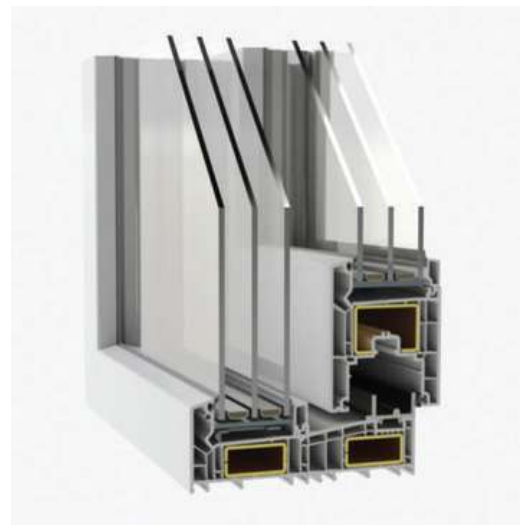
300 Pa



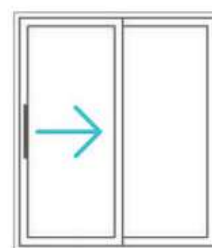
4000 mm



2460 mm



## Available opening variants

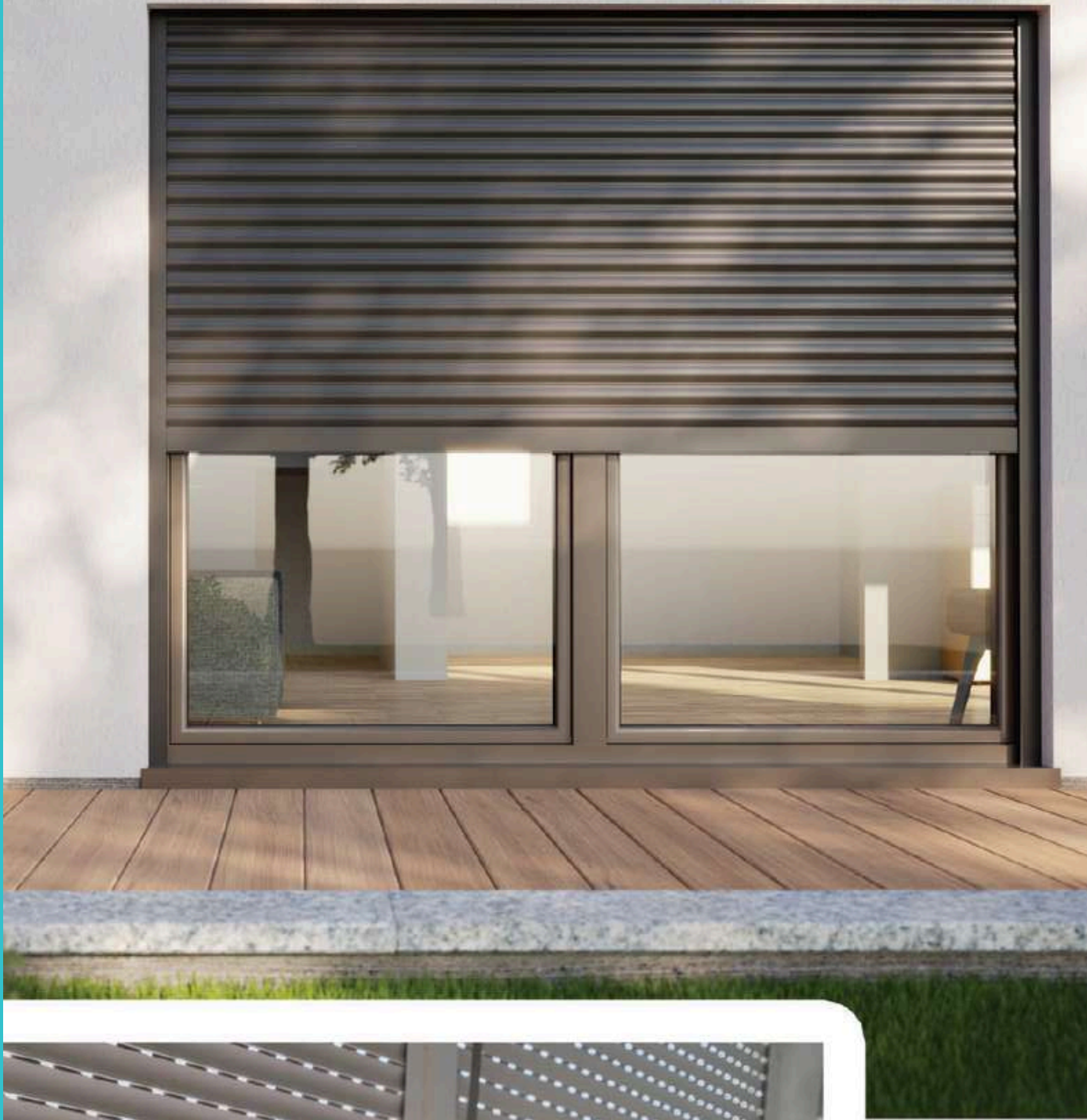


A

\*When using 4SI1/18/4/18/4SI1 glazing with  $U_g = 0.5 \text{ W/m}^2\text{K}$  and a spacer bar with  $\psi_i = 0.03 \text{ W/m}^2\text{K}$

All data provided for a standard construction, i.e. with dimensions of 4000mm x 2460mm

# ROLLER SHUTTERS





## Standard SolBOX

- Energy efficiency and safety in one
- Simple installation inside the recess or directly on the facade
- The most popular solution on the market
- Possibility of connection to a Smart Home system



4500 mm



2550 mm



8 m<sup>2</sup>



## In SolBOX

- Invisible roller shutter box=
- Easy access to the inspection hatch
- Thermal comfort and heat insulation
- High thermal insulation efficiency
- Possibility of connection to a Smart Home system



400-3300 mm  
800-1800 mm\*



2600 mm  
1950 mm\*



8 m<sup>2</sup>  
4,5 m<sup>2</sup>\*

\*dimensions for roller shutter configuration with integrated insect screen

# Thermo SolBOX

- Perfect thermal insulation
- Inspection hatch opened from the front or bottom of the box
- System reinforcements in the bottom and front profiles and static consoles improve the rigidity of the roller shutter construction
- Integrated insect screen system
- Possibility of installing the roller shutter from the inside and outside of the box
- Ribbed side cover with plaster strips on both sides
- A wide range of veneers allows for matching the color of the roller shutters to the windows
- Universal adapter allows for simple installation on all window profiles
- Replaceable gliders



	600-3700 mm 600-1800 mm*
	2950 mm 2500 mm*
	8 m <sup>2</sup> 4,5 m <sup>2</sup> *

\*dimensions for roller shutter configuration with integrated insect screen

# Oval SolBOX

- Modern, oval box
- High-quality materials
- Flexibility of installation and adjustment
- Convenience of use



< max >

400-3300 mm

max

2600 mm

m<sup>2</sup>  
max

8 m<sup>2</sup>

## AVAILABLE COLORS



RAL 1015



RAL 7012



RAL 7016



RAL 7038



RAL 7046



RAL 8014



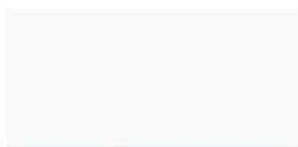
RAL 8019



RAL 9005



RAL 9006



RAL 9016



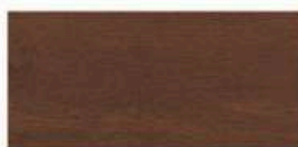
Turner Oak



Winchester



Zlatý dub



Orech

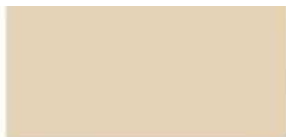
# VENETIAN BLINDS



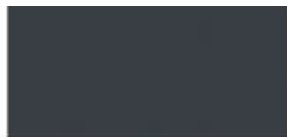
## AVAILABLE COLORS



DB703



RAL 1015



RAL 7016



RAL 7046



RAL 9006



RAL 9007



RAL 9016

# SKF C-80 i Z-90 Standard



- Aluminum box 1.5mm thick, powder coated
- C-shaped slats with rolled edges providing additional strength
- Z-shaped slats providing greater shading
- Smooth control of the slats' tilt allowing for free adjustment of light intensity
- Slat rotation of 180 degrees (for C-80) and 90 degrees (for Z-90)
- Manual or electric drive



4500 mm



5000 mm

# U C80 i Z90 Integro



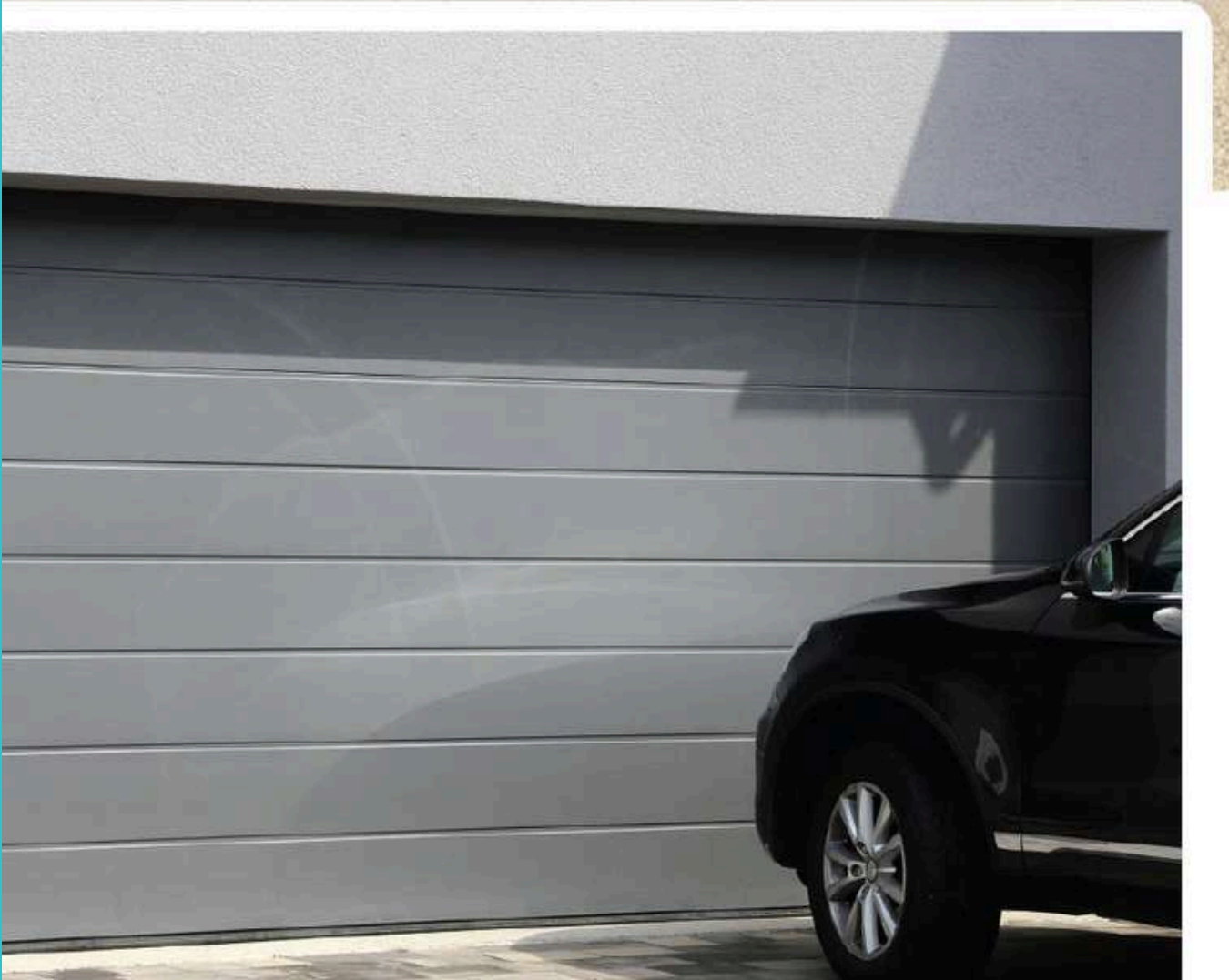
4500 mm



5000 mm

- Aluminum cover plate 1.5mm thick in 4 variants in raw aluminum color
- Possible use of XPS of various thicknesses from the front as a plaster base, or from the back as insulation
- C-shaped slats with rolled edges providing additional strength
- Z-shaped slats providing greater shading
- Smooth control of the slats' tilt allowing for free adjustment of light intensity
- Slat rotation of 180 degrees (for C-80) and 90 degrees (for Z-90)
- Manual or electric drive
- Possibility of concealed installation

# GARAGE DOORS



## Sectional door with a non-ribbed panel



If you are looking for a modern and minimalist look – this is the perfect choice. A sectional door with a smooth, non-ribbed panel fits perfectly into current architectural trends. This solution is for those who value elegance, simplicity, and aesthetics. It looks great against modern facades and adds prestige to any property.

## Sectional door with a single rib



A combination of classics and modernity – this is the characteristic feature of this door. A delicate, single rib adds character and dynamics without overwhelming the entire facade. This model is very popular among customers who want their garage to harmonize with the rest of the building.

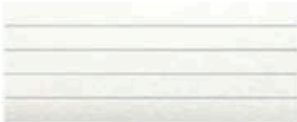
## Sectional door with a ribbed panel



This is a classic in a modern edition. Ribbed panels, which feature narrow, regular ribs, give the door an elegant and slightly technical character. This is an excellent choice for people looking for a proven, timeless solution. The door blends perfectly with both traditional and modern facades, and at the same time emphasizes the care taken in finishing the entire building.

# AVAILABLE COLORS

## PRICE GROUP I



**White 9016**  
(Type: ribbed)



**Anthracite 7016**  
(Type: ribbed)



**Brown 8014**  
(Type: ribbed)



**Silver 9006**  
(Type: ribbed)



**Silver 9007**  
(Type: ribbed)



**White 9016**  
(Type: single rib)



**Anthracite 7016 lacquer**  
(Type: single rib)



**White 9016**  
(Type: non-ribbed)

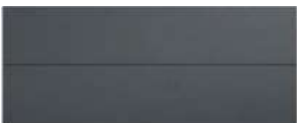


**Anthracite 7016 lacquer**  
(Type: non-ribbed)

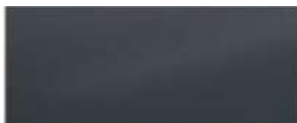


**Grey 7035P lacquer**  
(Type: non-ribbed)

## PRICE GROUP II



**Anthracite 7016 mat**  
(Type: single rib)



**Anthracite 7016 mat**  
(Type: non-ribbed)

# AVAILABLE COLORS

## PRICE GROUP III



**Golden Oak**  
(Type: ribbed)



**Walnut**  
(Type: ribbed)



**Golden Oak**  
(Type: single rib)



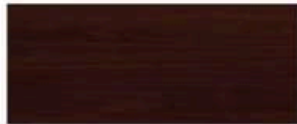
**Walnut**  
(Type: single rib)



**Golden Oak**  
(Type: non-ribbed)



**Walnut**  
(Type: non-ribbed)



**Bog Oak**  
(Type: non-ribbed)

## PRICE GROUP IV



**Winchester**  
(Type: single rib)



**Anthracite 7016 wood-like veneer**  
(Type: single rib)



**Anthracite 7016 wood-like veneer**  
(Type: non-ribbed)



**DB 703**  
(Type: non-ribbed)

## PRICE GROUP - SPECIAL



**Anthracite 7016 (lacquer)**  
(Type: non-ribbed)



**Golden Oak (veneers)**  
(Type: non-ribbed)



**Walnut (veneers)**  
(Type: non-ribbed)



**Winchester (veneers)**  
(Type: non-ribbed)

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