

ZSCREEN

Zscreen 120

Zscreen 100

Zscreen 95

Zscreen, which is among today's architect's preferences, is equipped with wind protection. The system, which can be used as mosquito nets in closed position, holds the fabric tightly from the side channels on both sides. It is based on a simple and ergonomic principle with a technical zipper.

Zscreen has a lot of fabric options impermeable to wind, rain and water. Besides it keeps your visual contact with the external environment due to transparent texture (crystal screen).



QUALITY

Zscreen offers the highest quality in the largest dimensions, with screens of up to 24 m² to create a uniform and streamlined unit. The innovative tensioning system in the guide rail keeps the fabric in place, preventing the fabric from flapping, the bottom laths from moving and intrusive sunlight from shining in.



COMFORT

Zscreen was developed its screens in order to make the indoors more pleasant on hot days. Screens keep your home at the right temperate and make it more energy-efficient. You save money on air cooling.



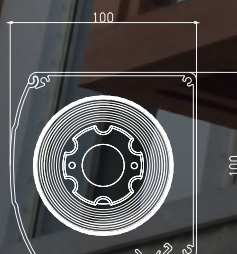
COLOURS

Zscreen offers a unique range of ral colours and fabric. This allows you to perfectly match your screen to the style and colour of your home or office building facade.

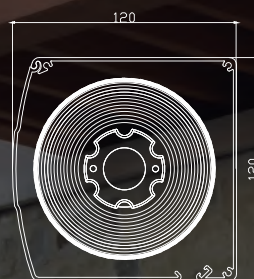
PRODUCT FEATURES



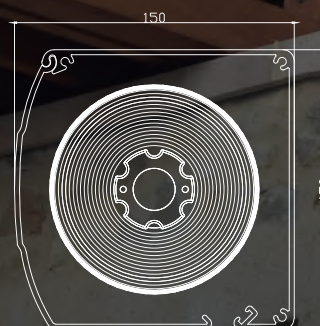
Z-screen 95



Z-screen 100



Z-screen 120



Z-screen 150



Side Channel



Side Channel



Side Channel



Side Channel



Bottom Rail



Bottom Rail



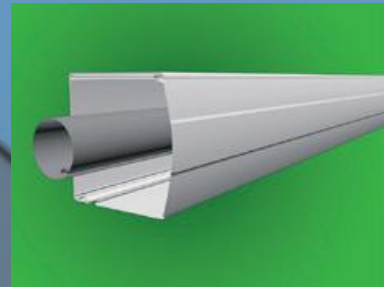
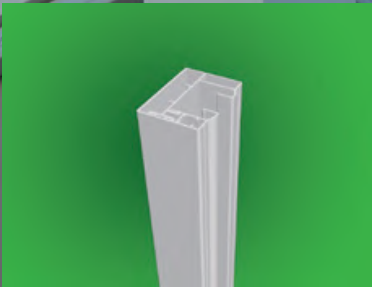
Bottom Rail



Bottom Rail



Zscreen, locks into the thermoplastic PVC channel located in the side guide thanks to the zipper and prevents the fabric from coming out of the mechanism in the strong wind. It is resistant to winds up to 130 kilometers per hour. The product can be processed up to 24 m² in one piece; there is absolutely no deformation on the system. Bottom skirt lath plays an important role in the tension of fabric through its weight. Tube engine hidden inside the winding drum of the fabric, provides movement with a single key with the remote control and fixed button system.



DESIGN

Zscreen is easy to fit to any window profile or facade. The main components of a screen are the box, the bottom lath, the fabric and the guide rails. These are made from extruded aluminium, with a powder coating or natural coloured anodized aluminium.



CONTROLS

There are 2 ways to unroll your Zscreen: manually or using the electric motor with just one press of a button. You can link various home automation systems to the electric controls.



CUSTOMIZATION

ZScreen range includes 4 different types of screen, so you will always find the right one to match your requirements



Zscreen 95 : Max width 3.00m, height 3.00m
 Zscreen 100 : Max width 4.00m, height 3.00m
 Zscreen 120 : Max width 5.00m, height 4.00m
 Zscreen 150 : Max width 6.00m, height 4.00m

| | | | | | |
|----|--------------|--|----|-------------|---------------------------------|
| 1 | 1033137 | Somfy Motor | 15 | Z10011187N | Side Channel Back |
| 2 | 1033001 | Carrier Somfy | 16 | Z10011188N | Side Channel Front |
| 3 | Z10011223N | Front Cover | 17 | Z10016004NV | Inner Rail |
| 4 | Z1002296U | Back Cover | 18 | Z100P2204 | Mouse |
| 5 | Z1002200S | Sealing Brush For Back Cover | 19 | Z1002204S | Assembly Screw Side Channel |
| 6 | Z100F100001L | Side Bracket Left | 20 | Z100P2205L | End Cap Side Channel Left |
| 7 | Z100F100001R | Side Bracket Right | 21 | Z100P2206R | End Cap Side Channel Right |
| 8 | Z1002201S | Mounting Screew Side Bracket | 22 | Z10011071N | Bottom Rail |
| 9 | Z1002202S | Mounting Screew For Front Cover | 23 | Z100P2206 | End Piece Bottom Rail |
| 10 | Z100P2200 | Support Piece Bearing | 24 | Z100P2207 | Selfadhesive Pe-Mousse |
| 11 | Z100P2201 | Sliding Bearing | 25 | Z100P2208 | Bottom Rail Cord |
| 12 | Z100P2202 | Cone Shaped End Piece For Fabric Roller Barrel Bearing | 26 | Z100P2209 | 30X20 Mm Weight |
| 13 | Z100P2203 | Cone Shaped End Piece For Motor Roller Barrel Bearing | 27 | Z1002205S | Mounting Screw End Piece Bottom |
| 14 | Z1002203S | Mounting Screw Support Piece | 28 | Z100P2210 | Fabric Roller Barrel |
| | | | 29 | Z100P2211 | Zip |
| | | | 30 | Z100P2212 | Screen Cord |

FABRIC OPTIONS

Fiberglass Fabric

This screen fabric is woven from fibreglass threads with a PVC coating. Fabric made of fibreglass retains its shape, does not suffer from moisture or heat, will not rot and is colour fast.

- Composition: Glass fibres coated with PVC
- Colours: Single or two-coloured fabrics as the collection brochure
- Thickness: 0.55 mm
- Openness Factor: 5%, 3%
- Properties: Excellent ventilation properties, protection against UV radiation, dirt-repellent, fire retardant class M1

Soltis Polyester Fabric

This type of fabric is made of finely meshed tissue with a fire-retardant PVC coating (fire classification IM1/IM2, depending on the colour) using the précontraint method. That means that the warp and weft of the polyester tissue is pre-stretched before and during the coating process. That creates an extremely stable and firm fabric, resulting in a long lifespan

- Composition: Polyester fibres coated with PVC
- Colours: Single colours as the collection brochure
- Thickness: 86: 0.43 mm 92: 0.45 mm
- Openness Factor: 14% or 4%
- Properties: Excellent ventilation, protection against UV radiation, dirt-repellent, fire retardant class M1



Solution Partners



Skyscreen Zip Roller Blind

Zscreen has a lot of fabric options impermeable to wind and rain water. Besides, it keeps your visual contact with the external environment due to transparent texture (crystal screen).

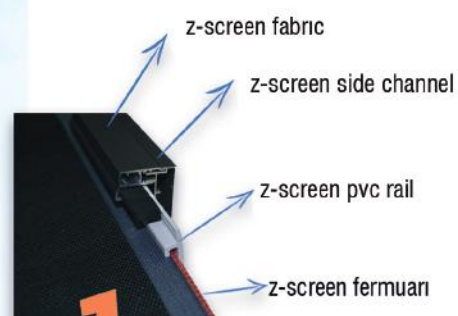
The system requires very little maintenance and we as manufacturer give 5 years guarantee against all faults that may arise due to normal use and maintenance. While the Zscreen system was being developed, easy installation and user satisfaction were considered. Since Zscreen is integrated into Pergola and Camellia designs that can be applied to outdoor places such as garden and terrace, allows you to spend more time with your family and loved ones. Zscreen fabrics are weather resistant. There are also fabrics under options that provide air circulation.





Skyscreen Zip Roller Blind





Test Report

| Beaufort Scale | Name of wind | Velocity of wind (km/h) | Velocity of wind (m/s) | Time (sec.) | Screen Position | Observation |
|----------------|--------------------------|-------------------------|------------------------|-------------|-----------------|------------------------|
| 1 | calm | 1-6 | 0.27-1.58 | 60 | Closed | No damage was observed |
| 2 | light air | 7-11 | 1.84-3.06 | 60 | Closed | No damage was observed |
| 3 | light breeze | 12-19 | 3.29-5.27 | 60 | Closed | No damage was observed |
| 4 | moderate breeze | 20-29 | 5.55-8.05 | 60 | Closed | No damage was observed |
| 5 | fresh breeze | 30-39 | 8.33-10.83 | 60 | Closed | No damage was observed |
| 6 | strong breeze | 40-50 | 11.11-13.88 | 60 | Closed | No damage was observed |
| 7 | moderate gale | 51-62 | 14.16-17.22 | 60 | Closed | No damage was observed |
| 8 | fresh gale | 63-75 | 17.5-20.83 | 60 | Closed | No damage was observed |
| 9 | strong gale | 76-87 | 21.11-24.16 | 60 | Half open | No damage was observed |
| 10 | whole gale (or storm) | 88-102 | 24.44-28.33 | 60 | Half open | No damage was observed |
| 11 | storm (or violent storm) | 103-117 | 28.61-32.5 | 60 | Half open | No damage was observed |
| 12 | hurricane | >117 | >32.5 | 60 | Half open | No damage was observed |



Wind tested
Zscreen of 2500 x 3000 mm has no problems in winds up to 130 km/h





Zscreen Applications

