

EFFICIENT SUN MANAGEMENT



Fitting façades with external venetian blinds is a highly practical way of blocking out the sun and effectively protecting interiors from overheating while providing comfortable optical conditions. Regulatable slats are typical feature of these products, giving users the freedom to select the angle and degree of shading which works best for them. At the same time, the aesthetic profile of the slats and the aluminium structural elements in the form of the headbox and guides, give façades a contemporary, original look. Well-designed, well-made structures of this kind also make it possible to create large-scale constructions, so they are very often used for extensive glazing. As a result, external venetian blinds have been employed to excellent effect in public buildings and residential developments alike.

The ALUPROF range offers a system in three variants; front-mounted, under plaster or self-supporting.

VENETIAN BLINDS

SkyFlow SZF/A

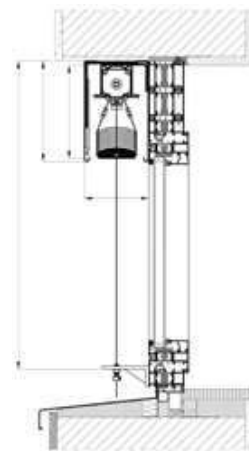
Fitting façades with external venetian blinds is a highly practical way of blocking out the sun and effectively protecting interiors from overheating while providing comfortable optical conditions. Regulatable slats are typical feature of these products, giving users the freedom to select the angle and degree of shading which works best for them. At the same time, the aesthetic profile of the slats and the aluminium structural elements in the form of the headbox and guides, give façades a contemporary, original look. Well-designed, well-made structures of this kind also make it possible to create large-scale constructions, so they are very often used for extensive glazing. As a result, external venetian blinds have been employed to excellent effect in public buildings and residential developments alike. The ALUPROF range offers a system in three variants; front-mounted, flush-mounted or self-supporting. The maximum dimension when using aluminium guide channels is 4500×4000 mm (max. surface 18 m²), and 3000×4000 mm or 4000×2500 mm (max. surface 12 m²) when using steel rope.



Multidimensional Measure of Comfort



EXAMPLES OF CONSTRUCTIONS



Ease of use

Venetian blinds are electrically controlled, which allows to freely adjust the slat angle with a remote control or a smartphone, and thus choose the appropriate degree of shading. The use of a fully automatic control system, including solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting against room overheating. The use of other elements of weather automation, such as rain or wind sensors, can in turn provide additional protection for the shading in case of adverse weather conditions.

Practical values

The textile elements of the blind are made of high quality polyester and they are thermally fixed, which guarantees high resistance to weathering, stretching, abrasion, as well as UV rays and the appearance of mould. The ladder braid is arranged in the shape of the number 8, which ensures smooth rolling. In addition, the Z90 slats are equipped with a special mechanism that provides a lower height of the package. Textiles are available in grey and black.

Colour charts

The colour palette of venetian blind slats available in the offer will certainly satisfy all needs of the most demanding customers. Colour coatings of extruded elements are made by powder coating technique, which ensures the quality and durability of the product. Moreover, it is possible to paint slats in any colour from the RAL palette to match them to the colour of the window joinery or façade.

Slats C80 | Z90

VENETIAN BLINDS

SkyFlow SZF/S

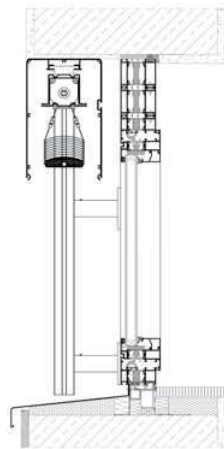
The self-supporting version of the blind has been designed mainly for façade installation in buildings with large glazing. Due to the clever design, the load-bearing element of the system are the guide channels that transfer the entire weight to the façade columns. Thus, there is no need for additional fixing of the protective cassette, which is a decorative element due to its aesthetic finish. It is made of extruded aluminium and is available in two shapes: oval and square, to which the guide channels have been adapted accordingly. The product provides for the possibility of modular installation in one cassette up to 6000 mm. Blind slats made of shaped aluminium sheet and are available in two shapes: C and Z. Stiffness and wind resistance is guaranteed in the case of blinds slats profiled in the shape of the letter C and their double-sided folding inwards. In addition, their rotation range is from 0 to 180 degrees. The slats in the shape of the letter Z are designed to provide complete shading and are additionally equipped with a special soundproofing seal. Their rotation range is from 0 to 90 degrees. There are two types of pins available in the offer: aluminium (durable and resistant) and PVC (minimizes noise that may arise during wind). Max dimensions are: 4500×4000 mm (max. surface 18 m²)



The harmony of light and shadow



EXAMPLES OF CONSTRUCTIONS



Ease of use

Venetian blinds are electrically controlled, which allows to freely adjust the slat angle with a remote control or a smartphone, and thus choose the appropriate degree of shading. The use of a fully automatic control system, including solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting against room overheating. The use of other elements of weather automation, such as rain or wind sensors, can in turn provide additional protection for the shading in case of adverse weather conditions.

Practical values

The textile elements of the blind are made of high quality polyester and they are thermally fixed, which guarantees high resistance to weathering, stretching, abrasion, as well as UV rays and the appearance of mould. The ladder braid is arranged in the shape of the number 8, which ensures smooth rolling. In addition, the Z90 slats are equipped with a special mechanism that provides a lower height of the package. Textiles are available in grey and black.

Colour charts

The colour palette of venetian blind slats available in the offer will certainly satisfy all needs of the most demanding customers. Colour coatings of extruded elements are made by powder coating technique, which ensures the quality and durability of the product. Moreover, it is possible to paint slats in any colour from the RAL palette to match them to the colour of the window joinery or façade.

Slats C80 | Z90

VENETIAN BLINDS

SkyFlow SZF/P

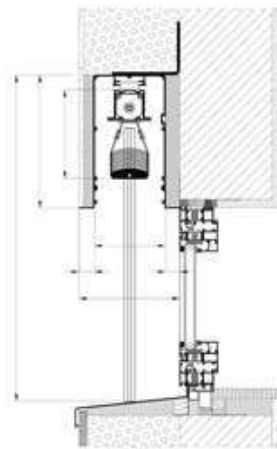
The flush-mounted version of the blind is dedicated for installation in new buildings or existing buildings after making necessary changes within the lintel. That is why it is worthwhile to plan the use of this type of blinds at the design stage. The protective cassette is made of extruded aluminium and has a special plaster foundation, enabling plasterwork with any finishing material. The system has dedicated guide channels for installation. It is also possible to use round and square guide channels from a self-supporting or adapting version. Venetian blind slats made of shaped aluminium sheet and are available in two shapes: "C" and "Z". Stiffness and wind resistance is guaranteed in the case of blinds slats profiled in the shape of the letter C and their double-sided folding inwards. In addition, their rotation range is from 0 to 180 degrees. The slats in the shape of the letter "Z" are designed to provide complete shading and are additionally equipped with a special soundproofing seal. Their rotation range is from 0 to 90 degrees. There are two types of pins available in the offer: aluminium (durable and resistant) and PVC (minimizes noise that may arise during wind). Max dimensions are: 4500×4000 mm (max. surface of 18 m²)



Sustainable technology



EXAMPLES OF CONSTRUCTIONS



Ease of use

Venetian blinds are electrically controlled, which allows to freely adjust the slat angle with a remote control or a smartphone, and thus choose the appropriate degree of shading. The use of a fully automatic control system, including solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting against room overheating. The use of other elements of weather automation, such as rain or wind sensors, can in turn provide additional protection for the shading in case of adverse weather conditions.

Practical values

The textile elements of the blind are made of high quality polyester and they are thermally fixed, which guarantees high resistance to weathering, stretching, abrasion, as well as UV rays and the appearance of mould. The ladder braid is arranged in the shape of the number 8, which ensures smooth rolling. In addition, the Z90 slats are equipped with a special mechanism that provides a lower height of the package. Textiles are available in grey and black.

Colour charts

The colour palette of venetian blind slats available in the offer will certainly satisfy all needs of the most demanding customers. Colour coatings of extruded elements are made by powder coating technique, which ensures the quality and durability of the product. Moreover, it is possible to paint slats in any colour from the RAL palette to match them to the colour of the window joinery or façade.

Slats C80 | Z90

VENETIAN BLINDS

SkyFlow SZF/BX

The venetian blind in the BOX under plaster version was designed mainly for easy and quick installation in newly built buildings. Due to the installation method, it is therefore worthwhile to consider the possibility of using this type of solution already at the design stage of the building. The cover box is a ready-made element and is made of bent aluminium sheet. It can be fitted with a plaster foundation on both sides. The rear plaster foundation allows for 2cm of lintel insulation. The front one, on the other hand, enables plasterwork to be carried out using any finishing material. The system has dedicated guide channels to facilitate on plaster mounting in two sizes. There are two types of slats "C" and "Z" made of profiled aluminium available in the offer. The former are turned inwards on both sides, which guarantees rigidity and wind resistance. In addition, they have a rotation range of 0-180 degrees. The Z-shaped slats, on the other hand, provide more complete shading due to their design and are additionally equipped with a special soundproofing seal, they have a rotation range of 0-90 degrees. There are two types of pins available: steel (durable and long-lasting) and PVC (minimises wind noise). Maximum dimensions: 4500×4000 mm (max. surface 18 m²).



Easy and fast assembly



EXAMPLES OF CONSTRUCTIONS



Operation simplicity

Venetian blinds are equipped with an electric motor and can be controlled by remote control or smartphone. This allows the angle of slats to be freely adjusted and thus the appropriate level of shading to be selected. The use of a fully automatic control system, including among others solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting the rooms from overheating. The use of other elements of weather automation, such as rain or wind sensors, may in turn provide additional protection for the shield in case of unfavourable weather conditions.

Advantages

The textile elements of the blind are made of high quality polyester and they are thermally fixed, which guarantees resistance to weathering, stretching, abrasion, as well as UV rays and the appearance of mould. The string ladder is arranged in the shape of the number 8, which ensures smooth rolling. In addition, the Z90 slats are equipped with a special mechanism that ensures lower package height. Textiles are available in grey and black.

Colours

The colour palette of venetian blind slats available in the offer will certainly satisfy all needs of the most demanding customers. Colour coatings of extruded elements are made by powder coating, which ensures the quality and durability of the product. Moreover, it is possible to paint slats in any colour from the RAL palette, which will allow to match them to the colour of the window joinery or façade.

Slats

C80 | Z90

VENETIAN BLIND SYSTEM **SKEF**



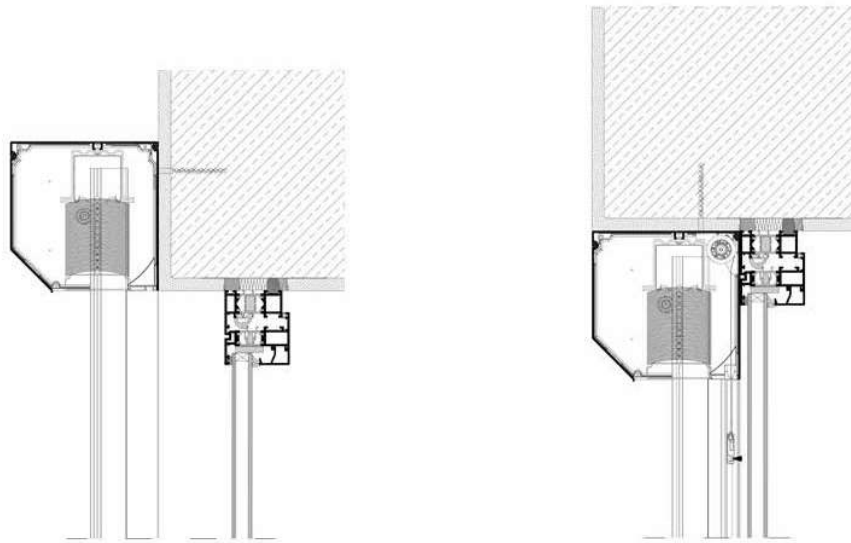
SKEF venetian blinds system is intended for use in existing buildings. The advantage of these products is that they do not require any special pre-installation preparation nor works to the existing structure as they are not integrated with the window. Buyers can thus decide to install the front-mounted roller shutters at any time. These solutions can be mounted to the window joinery (in the recess) or directly on the wall. In the first case, The construction of the systems is made of extruded aluminium that ensures its durability and resistance to abrasion and weathering. Using any RAL colour allows for a perfect colour match for visible elements of the façade or window frame. The box of the SKEF system is cut at an angle of 45° and due to its specially design construction is more durable and resistant to weathering. Prefabrication is very easy – non-invasive installation of venetian blind rail eliminates the need for drilling keeping the product aesthetic. Specially designed guide channels provide a consistent functioning. SKEF system is an universal solution that can be used for installation of venetian blinds using slats in size from 80 – 90 mm. Moreover SKEF system allows to equip venetian blinds with an insect screen, which provides effective protection against insects while maintaining the flow of light and fresh air to interior spaces.



Perfect balance between light and shadow



EXAMPLES OF CONSTRUCTIONS



venetian blind in SKEF roller shutter box

Ease of use

Controlling roller shutters can be done manually or by means of an electric motor connected to the control system which allows a convenient operation of the product. Aluprof also offers intelligent control systems that enable to manage roller shutters from virtually anywhere, using a smartphone, tablet or computer.

Practical values

All details were designed with the aim to enable the installation of venetian blinds together with front mounted roller shutters on the facade. This allow to keep the esthetic look of the building.

Colour charts

Thanks to a wide range of colours, they are a great decorative element that match the appearance of the building. Made of high quality sheets, the system profiles are characterized by high resistance to abrasion and weathering.

Slats

80 mm | 90 mm

COMPLETE SYSTEM INTEGRATION



External roller blinds are a highly functional solution which is frequently used for public and residential buildings alike. The main advantage of these blinds is the protection they provide interiors against exposure to the sun as a result of their specialist, technical fabrics.

They also provide privacy by stopping people outside from seeing in, while giving users an excellent view out. In addition, they offer optical comfort by acting as an effective barrier to exterior light and minimising the screen glare it can trigger. With the right choice of fabric, external roller blinds become a stylish accessory, adding a unique decorative flourish to a building. It is worth noting that, when properly chosen, they can also function as efficient insect screens, keeping interiors 'bug-free'.

The ALUPROF range offers three systems, the SkyRoll Zip, the SkyRoll Classic and the SkyRoll ECO.

EXTERNAL ROLLER BLIND SYSTEM (SCREEN)

SkyRoll ZIP

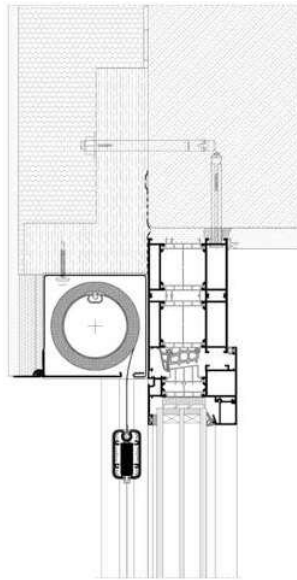
The SkyRoll ZIP system is the latest generation product designed for shading rooms with large glazed surfaces. It is extremely innovative due to the use of technology borrowed from the zipper mechanism on the edges of the fabric. Specially designed two-part guide channels are thus directly integrated into the fabric, which guarantees maximum sealing and protection against insects. In addition, the solution used here ensures that the fabric is properly tensioned and firmly seated in the guide channel, which protects it especially against gusty winds. The product is available in front-mounted, flush-mounted or top-mounted variants. Depending on the version of the selected product, the offer includes construction elements made of aluminium sheet, PVC or extruded aluminium. The use of the latter material ensures durability and strength for years of use, and also allows for painting in any RAL colour and matching the sunshade to the window joinery or building facade. Unlike other products of this type available on the market, the SkyRoll Zip is equipped with a telescopic handle, which ensures simple and quick assembly, disassembly of the system and collision-free service access. Manual control is not possible. The maximum dimension is 5000×5000 mm (16 m²)



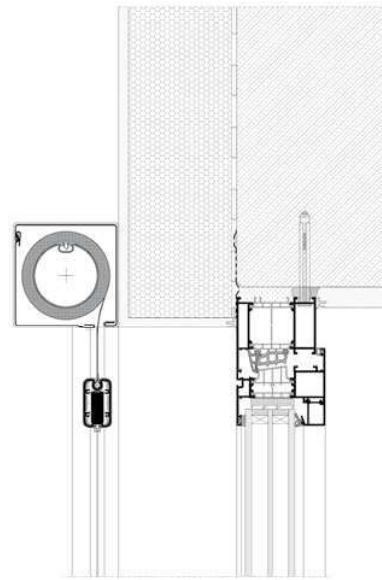
Maximum sealing



EXAMPLES OF CONSTRUCTIONS



under plaster variant



front-mounted variant

Easy of use

Screen are electrically controlled, which allows a convenient operation of the product. The use of a fully automatic control system, including solar sensors, enables constant supervision of the position of the sun and smoothly controls the blinds, protecting against room overheating. The use of other elements of weather automation, such as rain or wind sensors, can in turn provide additional protection for the shading in case of adverse weather conditions.

Practical values

The offered screen systems provide a perfect balance between light and shade, and what is more, they can be a timeless decorative element of a building. Specialist fabrics used in blinds, due to their reflexive, permeable and absorbent properties, stop the greenhouse effect inside the room, which helps to maintain a constant, comfortable temperature, while maintaining a clear view of the outside.

Colour charts

They are a perfect decorative element, matching the appearance of the building due to the wide range of colours. Profiles designated for different systems, manufactured of high-quality sheet are characterized by increased resistance to abrasion and weathering.