

Panorama

The roller shutter system with tilting blinds



Functionality for more comfort,
timeless design and innovative technology



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By combining sun protection function and heat-insulating effect, the Panorama roller shutter system makes a particularly efficient contribution to saving energy in air conditioning and heating of buildings.

Innovative technology

The tilting blinds

The patented tilting blinds of the BiRoll Panorama roller shutter system combines the properties of conventional roller shutters with the advantages of modern sun protection products.

The open blinds protect you from direct sunlight and reduce the heating of living spaces. At the same time, the Panorama offers you a high level of transparency to the outside. The large light and air openings allow indirect daylight to come inside and a good supply of air. This ensures a pleasant indoor climate.

When closed, the Panorama provides reliable protection against bad weather conditions and has a heat-insulating effect. Complete privacy protection and a sound-absorbing effect ensure that your privacy remains undisturbed. The daylight can be largely darkened.

Security

The roller shutter profiles of the BiRoll Panorama are made of sturdy extruded and powder-coated aluminium, which ensures longevity and resistance to external influences.

Plus insect protection

The BiRoll Panorama Plus version also offers the convenience of an insect screen integrated into the roller shutter curtain. This means you can enjoy fresh air at any time.



Timeless design

Curtain colours

There are six standard colours to choose from when designing the Panorama roller shutter curtains. For a larger number of curtains, RAL colours or other special colours according to your ideas are also possible.

Standard colours

	anthracite		light grey
	grey aluminium		white
	natural		bright beige

Deviations from the colours shown are due to printing technology.

Colours for boxes and guide rails

For all visible aluminium parts of prefabricated roller shutters such as boxes and guide rails, you can freely choose from several RAL colours and surfaces. In addition, other RAL colours and special colours are available. In addition to white, a variety of decors are available for PVC boxes and rails.

Most modern operation

Motor drives and controls

You can easily operate the Panorama roller shutter system with motor drives. You can either use conventional switches or the latest radio wall switches, remote controls or you can use your smartphone or tablet. Of course, time- or brightness-dependent automations are also possible.

BiRoll offers special solutions from selected brand manufacturers that suitable for the Panorama roller shutter system.



Manual drives

If you prefer manual operation, the Panorama roller shutter system can be equipped with regular belt or crank drives.

Roller shutter curtains

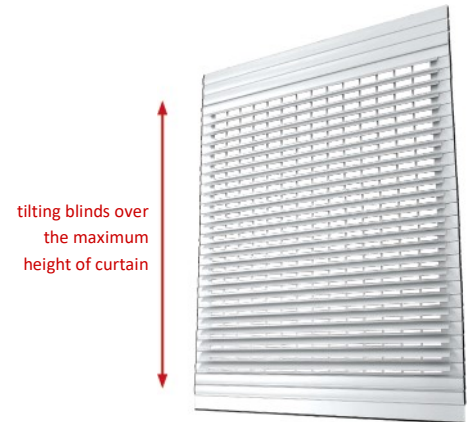
Panorama

The **Panorama** is the roller shutter with innovative tilting blinds over the maximum height of the curtain. The roller shutter profiles are made from high-quality extruded and powder-coated aluminium and offer the greatest possible functionality and comfort.

If desired, it can be equipped as **Panorama Plus** with an insect screen made of sturdy stainless steel mesh integrated into the roller shutter profiles.

Design

- profile size 8x37 mm
- curtain rolling outwards or rolling inwards



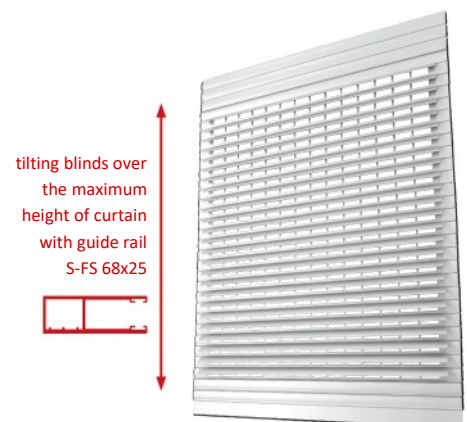
Panorama Safe

The **Panorama Safe** also has the convenient tilting blinds over the maximum height of the curtain. It has anchors on the blinds for special security rails and is also equipped with a reinforced end slat with an angle and anti-lift protection.

As **Panorama Safe Plus**, it also offers insect protection integrated into the curtain.

Design

- profile size 8x37 mm
- curtain rolling outwards or rolling inwards
- only with security guide rail S-FS 68x25 and security equipment



Panorama Combi ST and RG

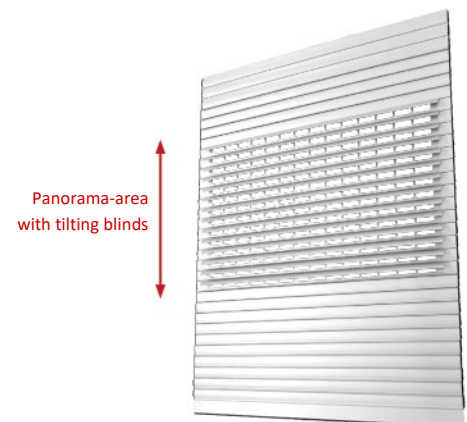
The **Panorama Combi ST** is a roller shutter curtain with a central Panorama-area with tilting blinds, its height can be selected between 50 and 150 cm. At the top and bottom it is combined with closed roller shutter profiles made of extruded aluminium (ST).

The **Panorama Combi RG** has a Panorama-area with tilting blinds with a height of between 50 and 100 cm and is connected at the top and bottom with closed roller shutter profiles made of roll-formed aluminium (RG). Slight colour variations between the areas of the curtain are possible.

The **Panorama Combi ST Plus** and **Panorama Combi RG Plus** also have an insect screen integrated into the Panorama-area.

Design

- profile size 8x37 mm
- curtain rolling outwards or rolling inwards



Alu-Mini ST and RG

The **Alu-Mini ST** is a roller shutter curtain made of closed roller shutter profiles made from stable extruded aluminium (ST).

The **Alu-Mini RG** is a conventional roller shutter curtain made of closed roller shutter profiles made from roll-formed aluminium (RG).

The **Alu-Mini ST** and **Alu-Mini RG** have the same timeless design as the **Panorama** roller shutter curtains. The different BiRoll roller shutter curtains can therefore be selected according to the desired living comfort and used together in a building project.

Design

- profile size 8x37 mm
- curtain rolling outwards or rolling inwards



Prefabricated roller shutters

Aluminium front-mounted roller shutters

Thanks to the large variety of shapes and colours, aluminium front-mounted shutters from BiRoll can be designed very individually. In the version with a plaster base, they can also be integrated invisibly into the facade.

The front-mounted boxes are made of extruded or roll-formed aluminium and are delivered ready for assembly. An insect screen roller integrated in the box is available as additional equipment.

Design

- box sizes 125, 138, 150, 165, 180 und 205
- 20° square / 45° square / 90° square or round / 20° angular or 90° angular with plaster base



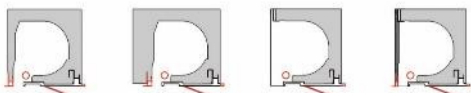
EPS top-mounted roller shutters

BiRoll EPS top-mounted roller shutters offer particularly good thermal insulation properties and are completely integrated into the facade. You can choose from boxes with external or internal inspection. The available box sizes are suitable for use in low-energy to passive houses.

The guide rails are made of PVC or aluminium and can be foiled or coated in colour. An insect roller screen in the box or in the guide rails is optionally possible.

Design

- box depths 240, 280, 300, 345 and 365 mm
- box heights 250 and 300 mm
- inspection access inside or outside



PVC top-mounted roller shutters

There are several box sizes and two different inspection accesses to choose from for the PVC top-mounted roller shutters. Front panels and guide rails are available in PVC or aluminium and can be foiled or coated for colour design.

The top-mounted boxes can be equipped with plaster bases on the outside and inside and thus blend discreetly into the facade. If desired, an insect roller screen can be integrated into the box.

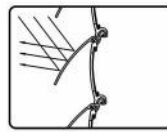
Design

- box heights 175, 200 and 240
- inspection access inside or outside / with coloured panel outside / with plaster base outside or inside

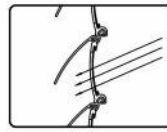


Functionality for more comfort

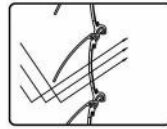
Advantages of the innovative tilting blinds



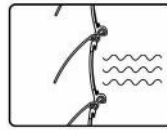
Sun protection 



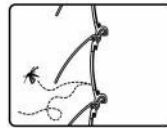
Transparency



Daylight



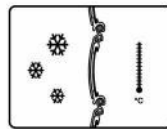
Air intake




Insect protection
(optional)



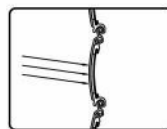
Properties like a conventional roller shutter



Thermal insulation 



Weather protection



Privacy protection



Sound insulation



Security
(Standard or Safe)



Please note that the Panorama roller shutter system does not offer total blackout and irregular light reflections can occur, especially in the area of the light and air openings, even when closed.