



Sun Protection  
**ZIP SCREEN** System

Functional solution  
and modern design



## SCREEN CUBE

**SCREEN CUBE** – a zip screen sun protection system designed for use in existing buildings or those being constructed. The flat back of the roller box ensures an aesthetic fit of the zip screen to any structure, e.g. pergola NUUN ECO from Aliplast offert.

Screen-type sunshades are very functional solutions: they often replace the mosquito net and, when using blackout material, provide effective shading. The Screen Cube sun protection system is a very functional solution used in housing and public buildings.

## CHARACTERISTIC

### Screen Cube

- the system is distinguished by the characteristic shape of the roller box – 90°
- by welding in a zipper mechanism in the Screen Cube, it is possible to integrate the fabric directly with the guide, which guarantees maximum sealing
- the minimum visible width of the guide profile of 30 x 50 mm, the loading beam that retracts completely into the dimension of the roller box, guarantees optimum access of light to the room in the open position of the shade
- the product is available in an adaptive version

### dimensions

All zip screens from the Aliplast range are manufactured to size, and as such they are always perfectly fitted:

– maximum dimensions: 4000 x 3000 mm

– minimum dimensions: 950 x 500 mm

Possible shading surfaces with a component width of up to 4 m and 2 m surfaces of 12 m<sup>2</sup>.

### components

Components of the zip screen are made of high-quality aluminium profiles. The use of aluminium ensures durability and strength of the structure for years of use. Guides and roller boxes are available in a wide range of colours: full RAL palette, texture colours, Aliplast Wood Colour Effect wood-like colours, Aliplast Loft View colours imitating the stone structure, anode, bi-colour. Quality and durability are guaranteed by the following certificates: Qualicoat 1518, Qualideco PL-0001, Qualanod 1808.

### fabric

The selection of high-quality fabrics includes transparent and non-transparent fabrics, through the reflection and absorption of sunlight, reduce sunlight by up to 100% depending on the fabric selection, while reducing UV radiation. A wide range of colours of structural components and fabrics allows perfect adaptation the Screen Cube to both modern and traditional architectural facilities. Materials from which the technical fabrics are made are very resistant to everyday use, deformation, tearing, as well as weather conditions.

### automatic control

The zip screen sun protection system can be operated automatically: both with a remote control and a switch.

Possible integration of screen with an intelligent building control system. There is option of grouping zip screens and drive installation together with an obstacle detection sensor.



ZIP SCREEN CUBE



ZIP SCREEN CUBE

Premium quality  
and advanced technology



## SCREEN QUADRO

**SCREEN QUADRO** – a zip screen sun protection system designed for use in existing buildings or those being constructed. The flat back of the roller box ensures an aesthetic fit of the zip screen to any structure, e.g. pergola.

Screen-type sunshades are very functional solutions: they often replace the mosquito net and, when using blackout material, provide effective shading. The Screen Quadro sun protection system is a very functional solution used in housing and public buildings.

## CHARACTERISTIC

### Screen Quadro

- the system is distinguished by the characteristic shape of the roller box – bevelled at 45°
- by welding in a zipper mechanism in the Screen Quadro, it is possible to integrate the fabric directly with the guide, which guarantees maximum sealing
- the minimum visible width of the guide profile of 30 x 50 mm, the loading beam that retracts completely into the dimension of the roller box, guarantees optimum access of light to the room in the open position of the shade
- the product is available in an adaptive version

### dimensions

All zip screens from the Aliplast range are manufactured to size, and as such they are always perfectly fitted:

– maximum dimensions: 4000 x 3000 mm

– minimum dimensions: 950 x 500 mm

Possible shading surfaces with a component width of up to 4 m and 2 m surfaces of 12 m<sup>2</sup>.

### components

Components of the zip screen are made of high-quality aluminium profiles. The use of aluminium ensures durability and strength of the structure for years of use. Guides and roller boxes are available in a wide range of colours: full RAL palette, texture colours, Aliplast Wood Colour Effect wood-like colours, Aliplast Loft View colours imitating the stone structure, anode, bi-colour. Quality and durability are guaranteed by the following certificates: Qualicoat 1518, Qualideco PL-0001, Qualanod 1808.

### fabric

The selection of high-quality fabrics includes transparent and non-transparent fabrics, through the reflection and absorption of sunlight, reduce sunlight by up to 100% depending on the fabric selection, while reducing UV radiation. A wide range of colours of structural components and fabrics allows perfect adaptation the Screen Quadro to both modern and traditional architectural facilities. Materials from which the technical fabrics are made are very resistant to everyday use, deformation, tearing, as well as weather conditions.

### automatic control

The zip screen sun protection system can be operated automatically: both with a remote control and a switch. Possible integration of screen with an intelligent building control system. There is option of grouping zip screens and drive installation together with an obstacle detection sensor.



ZIP SCREEN QUADRO



ZIP SCREEN QUADRO



High-end & well-designed components

## SCREEN ROUND

**SCREEN ROUND** – a zip screen sun protection system designed for use in existing buildings or those being constructed. The flat back of the roller box ensures an aesthetic fit of the zip screen to any structure, e.g. pergola.

Screen-type sunshades are very functional solutions: they often replace the mosquito net and, when using blackout material, provide effective shading. The Screen Round sun protection system is a very functional solution used in housing and public buildings.

## CHARACTERISTIC

### Screen Round

- the system is distinguished by the characteristic rounded shape of the roller box
- by welding in a zipper mechanism in the Screen Round, it is possible to integrate the fabric directly with the guide, which guarantees maximum sealing
- the minimum visible width of the guide profile of 30 x 50 mm, the loading beam that retracts completely into the dimension of the roller box, guarantees optimum access of light to the room in the open position of the shade
- the product is available in an adaptive version

### dimensions

All zip screens from the Aliplast range are manufactured to size, and as such they are always perfectly fitted:

– maximum dimensions: 4000 x 3000 mm

– minimum dimensions: 950 x 500 mm

Possible shading surfaces with a component width of up to 4 m and 2 m surfaces of 12 m<sup>2</sup>.

### components

Components of the zip screen are made of high-quality aluminium profiles. The use of aluminium ensures durability and strength of the structure for years of use. Guides and roller boxes are available in a wide range of colours: full RAL palette, texture colours, Aliplast Wood Colour Effect wood-like colours, Aliplast Loft View colours imitating the stone structure, anode, bi-colour. Quality and durability are guaranteed by the following certificates: Qualicoat 1518, Qualideco PL-0001, Qualanod 1808.

### fabric

The selection of high-quality fabrics includes transparent and non-transparent fabrics, through the reflection and absorption of sunlight, reduce sunlight by up to 100% depending on the fabric selection, while reducing UV radiation. A wide range of colours of structural components and fabrics allows perfect adaptation the Screen Round to both modern and traditional architectural facilities. Materials from which the technical fabrics are made are very resistant to everyday use, deformation, tearing, as well as weather conditions.

### automatic control

The zip screen sun protection system can be operated automatically: both with a remote control and a switch.

Possible integration of screen with an intelligent building control system. There is option of grouping zip screens and drive installation together with an obstacle detection sensor.



ZIP SCREEN ROUND



ZIP SCREEN ROUND

Versatile and durable, outdoor zip screens are ideal for screening projects for doors and windows in a home or office.



## SCREEN HIDE

**SCREEN HIDE** – flush-mounted zip screen version is dedicated for installation in new buildings. The roller boxes of the roller shutter structure are placed under the insulation layer, and as such they integrate perfectly with the building façade.

Screen-type sunshades are very functional solutions: they often replace the mosquito net and, when using blackout material, provide effective shading. The Screen Hide sun protection system is a very functional solution used in housing and public buildings.

## CHARACTERISTIC

### Screen Hide

- the Screen Hide system is equipped with guides with an intensity compensation system; there is also a variant of spacer guides with thermal insulation of the lintel; the roller box and guides are made of extruded aluminium for greater durability
- a 90° roller box is available in the drop-in system
- the product is available in flush-mounted version

### dimensions

All zip screens from the Aliplast range are manufactured to size, and as such they are always perfectly fitted:

– maximum dimensions: 4000 x 3000 mm

– minimum dimensions: 950 x 500 mm

Possible shading surfaces with a component width of up to 4 m and 2 m surfaces of 12 m<sup>2</sup>.

### components

Components of the zip screen are made of high-quality aluminium profiles. The use of aluminium ensures durability and strength of the structure for years of use. Guides and roller boxes are available in a wide range of colours: full RAL palette, texture colours, Aliplast Wood Colour Effect wood-like colours, Aliplast Loft View colours imitating the stone structure, anode, bi-colour. Quality and durability are guaranteed by the following certificates: Qualicoat 1518, Qualideco PL-0001, Qualanod 1808.

### fabric

The selection of high-quality fabrics includes transparent and non-transparent fabrics, through the reflection and absorption of sunlight, reduce sunlight by up to 100% depending on the fabric selection, while reducing UV radiation. A wide range of colours of structural components and fabrics allows perfect adaptation the Screen Hide to both modern and traditional architectural facilities. Materials from which the technical fabrics are made are very resistant to everyday use, deformation, tearing, as well as weather conditions.

### automatic control

The zip screen sun protection system can be operated automatically: both with a remote control and a switch.

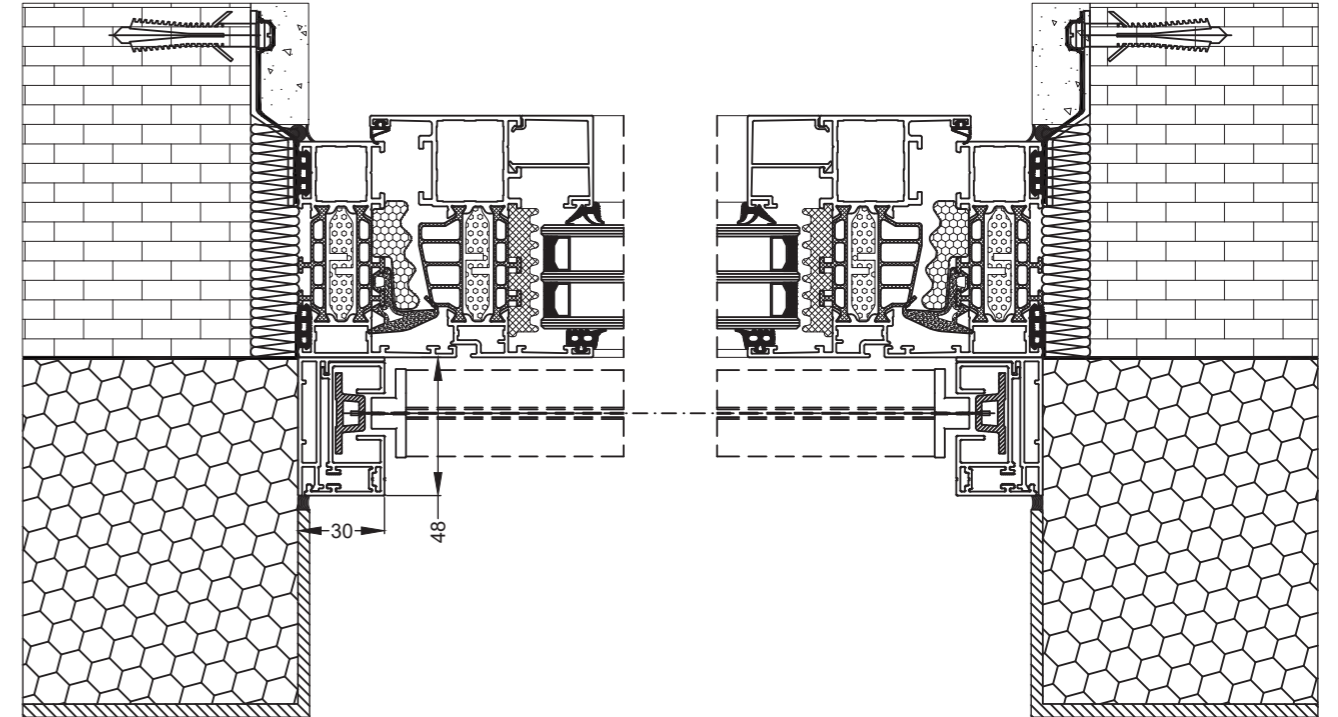
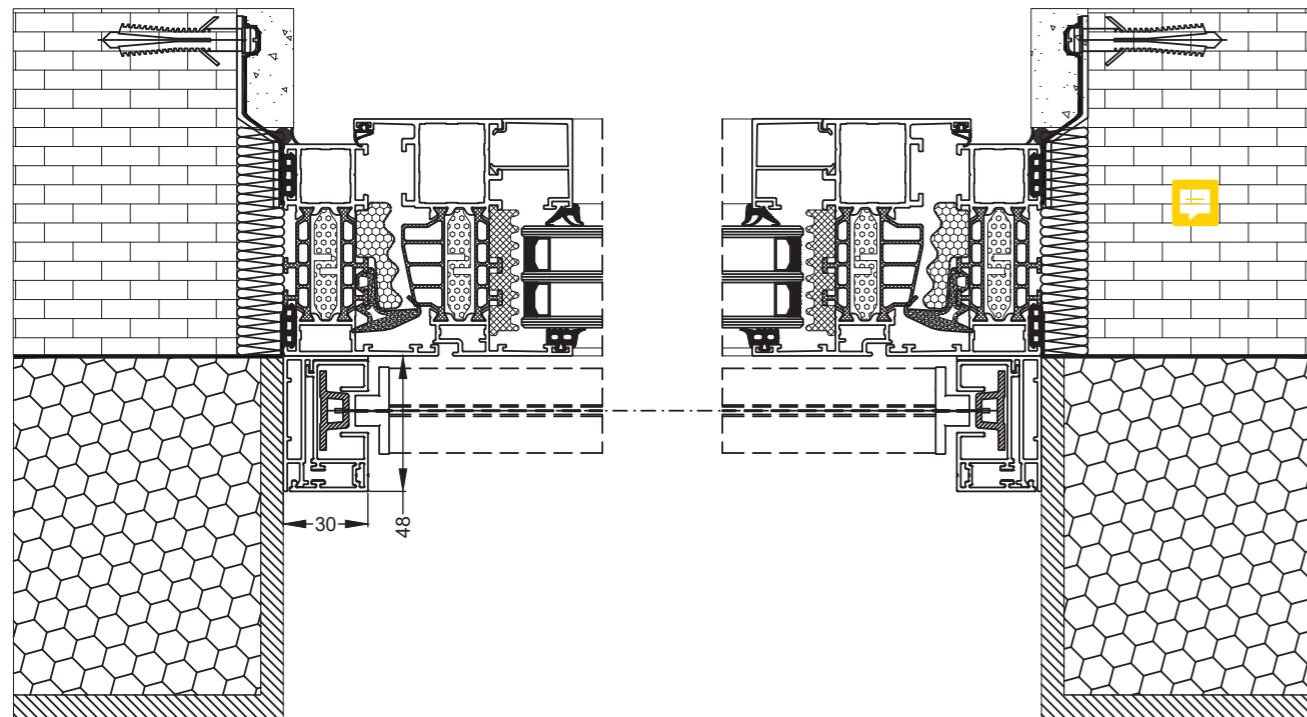
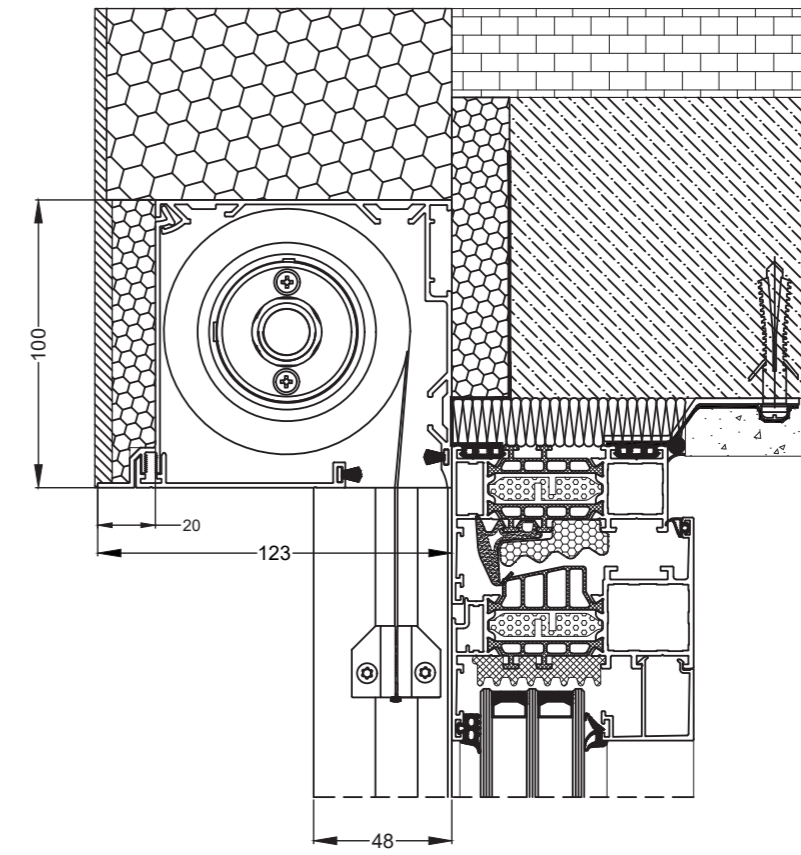
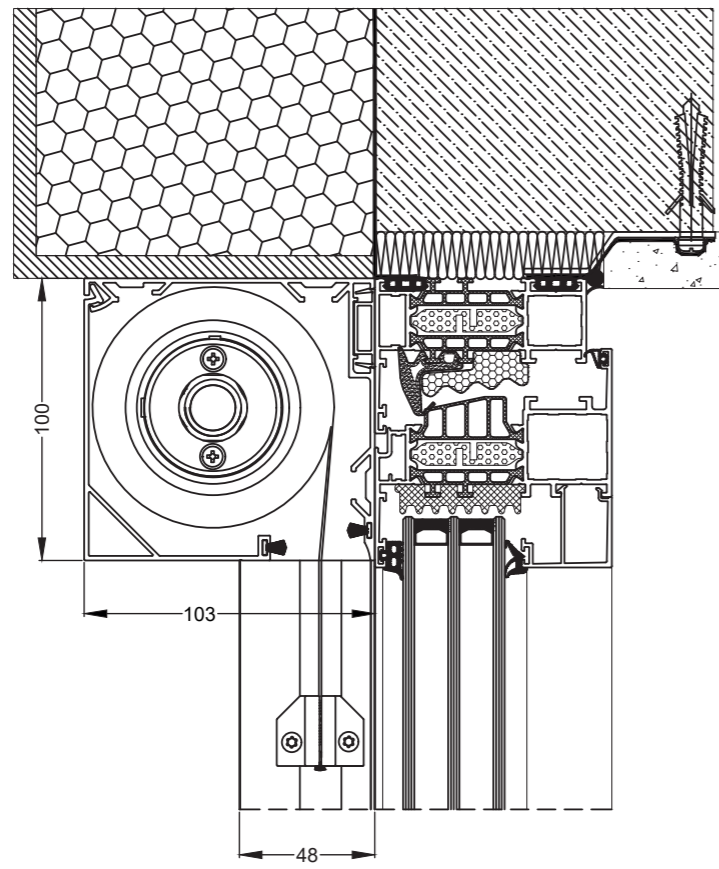
Possible integration of screen with an intelligent building control system. There is option of grouping zip screens and drive installation together with an obstacle detection sensor.



ZIP SCREEN HIDE

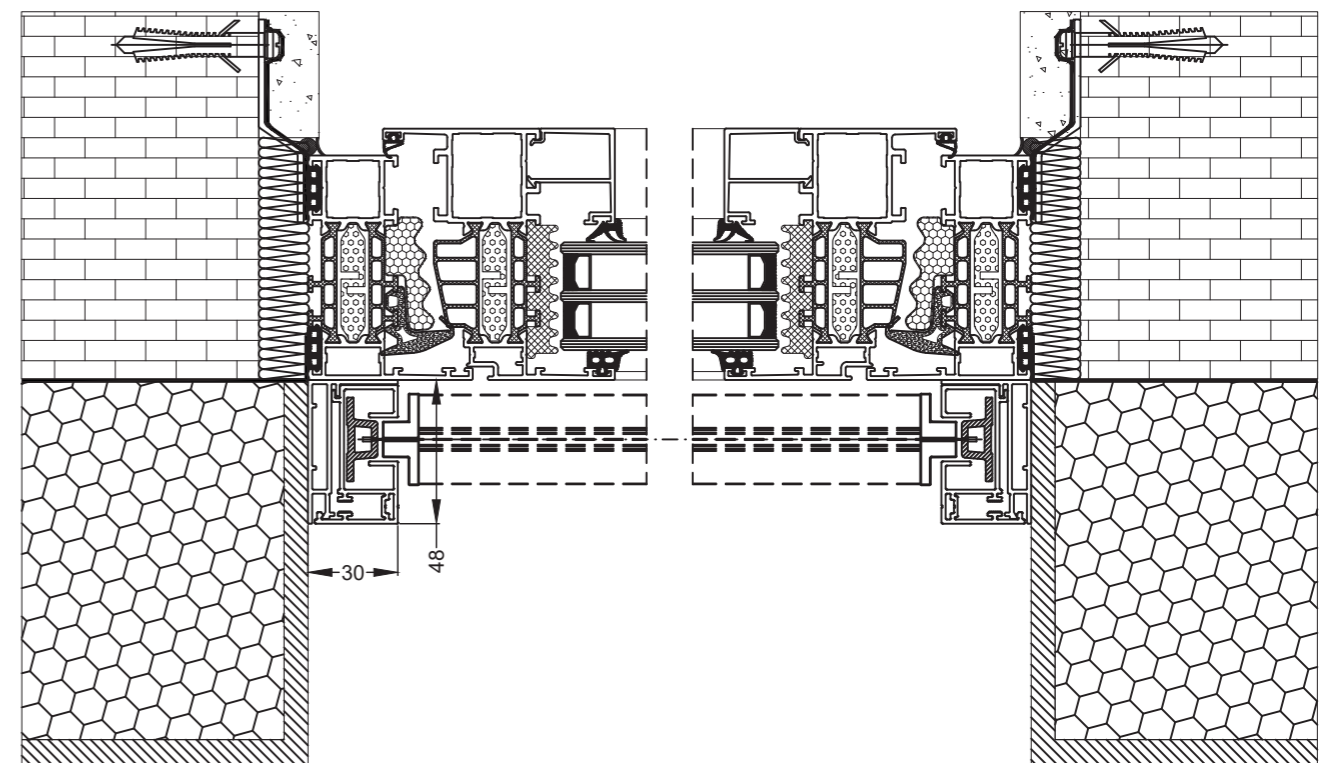
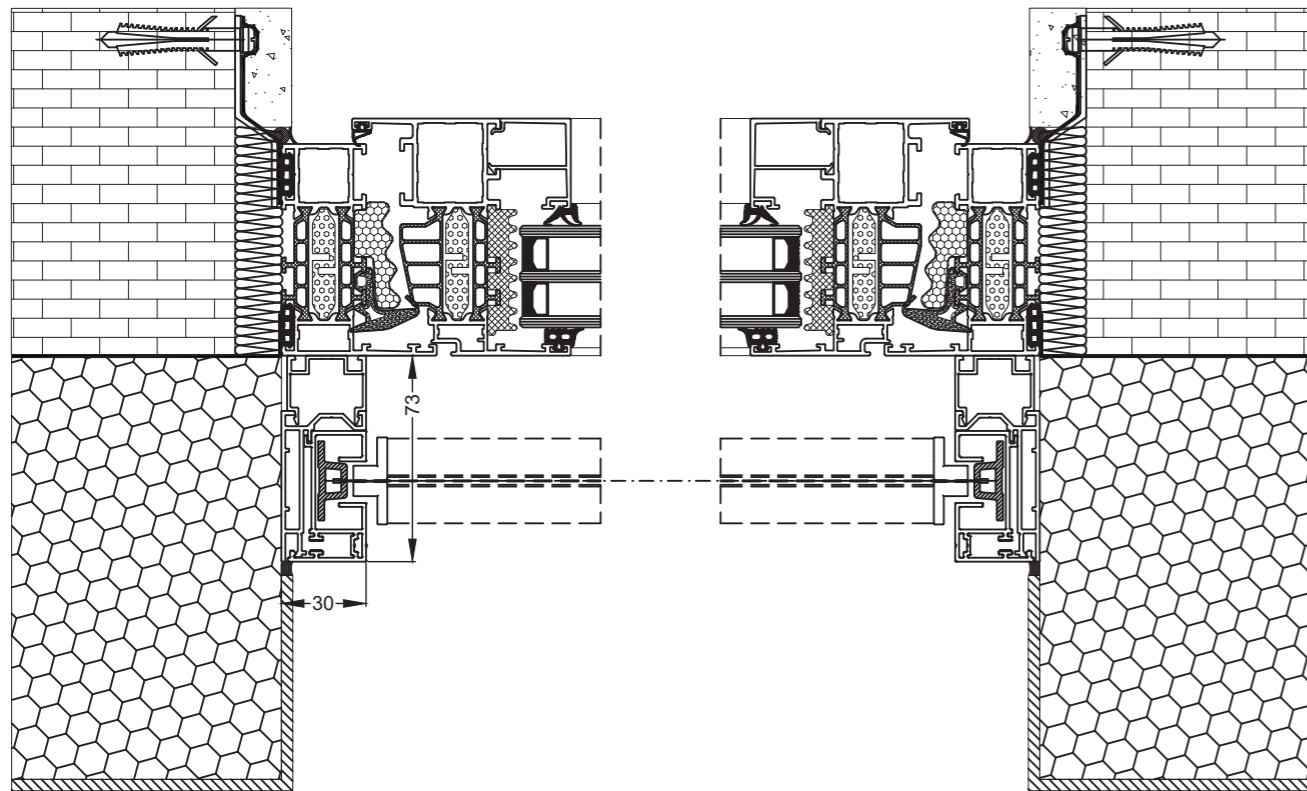
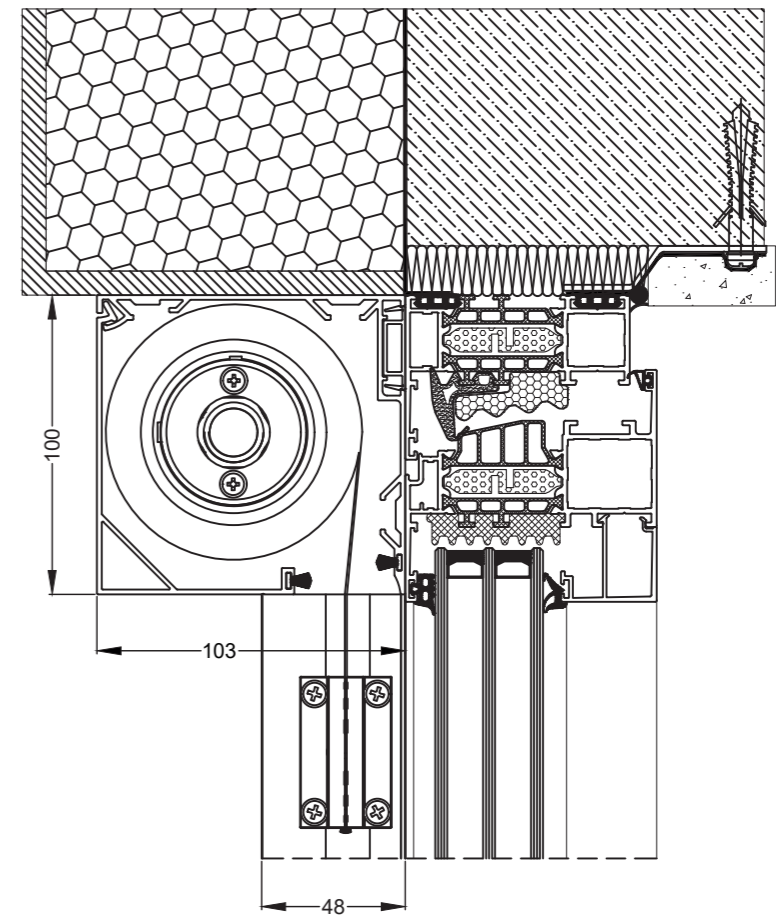
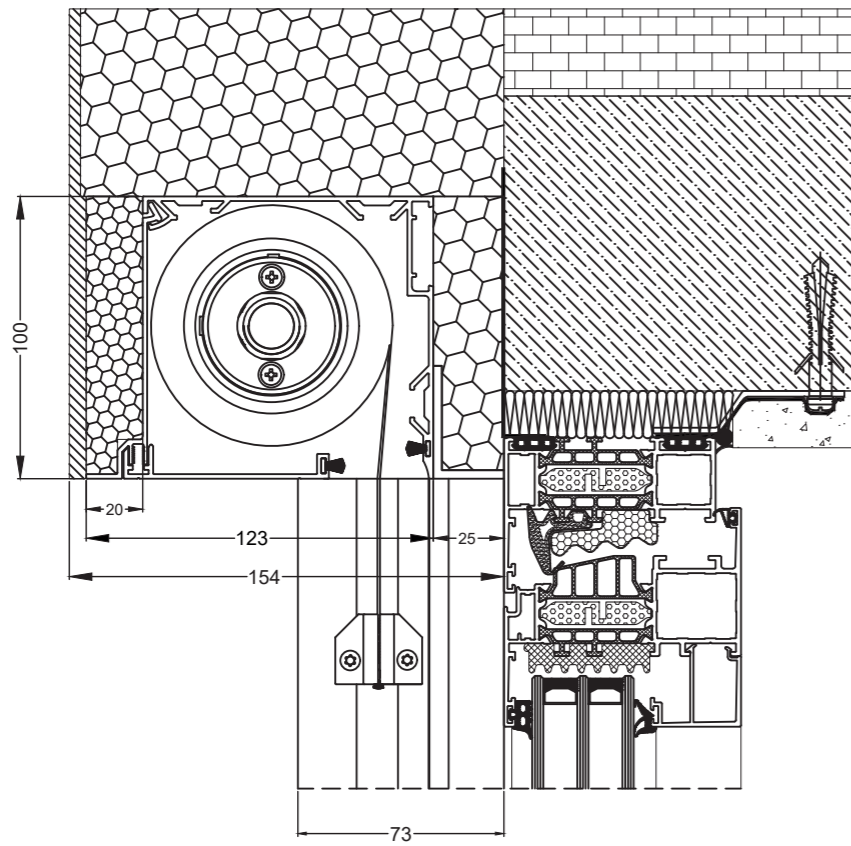


ZIP SCREEN HIDE



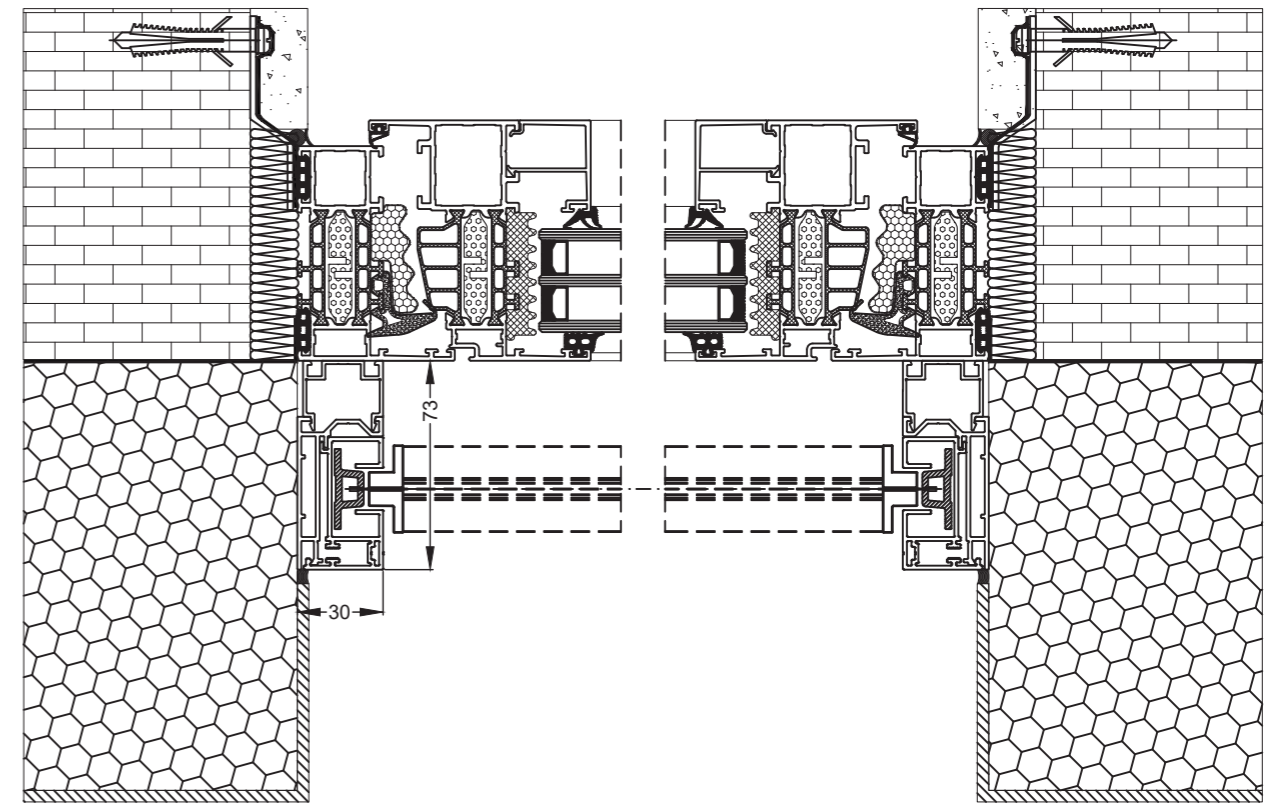
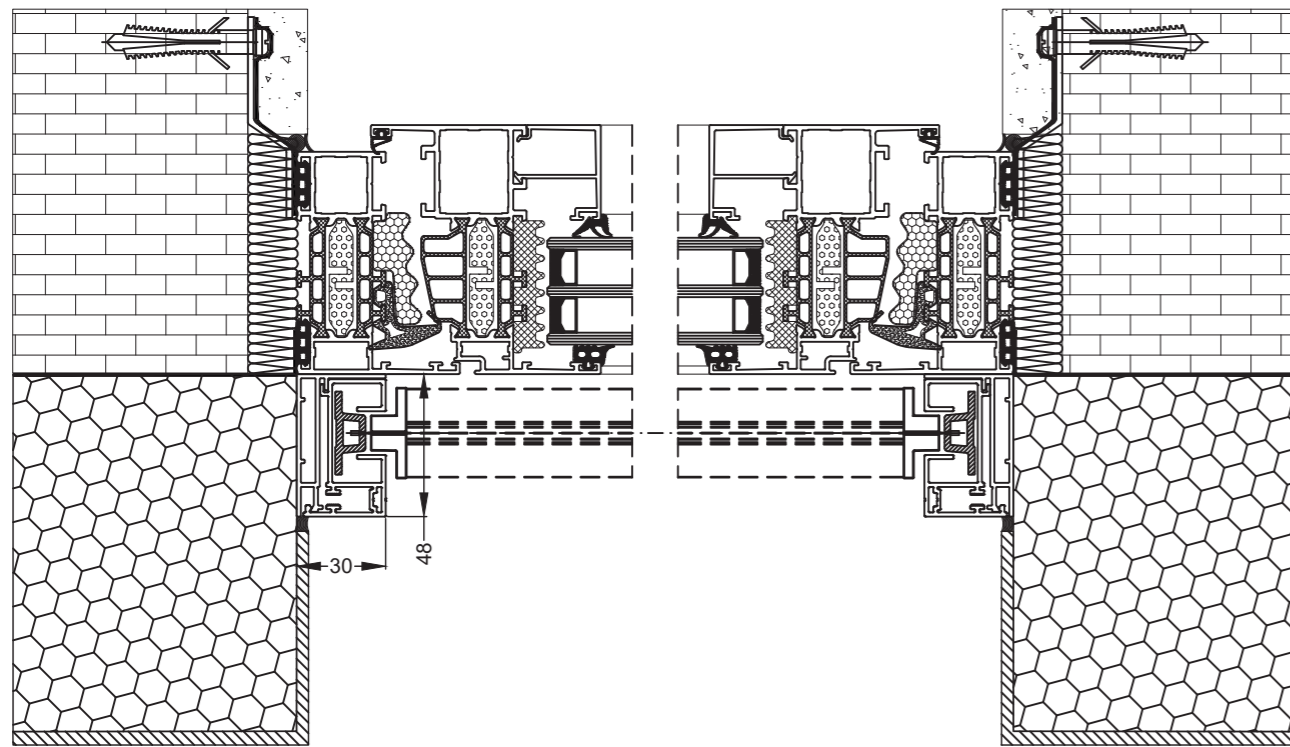
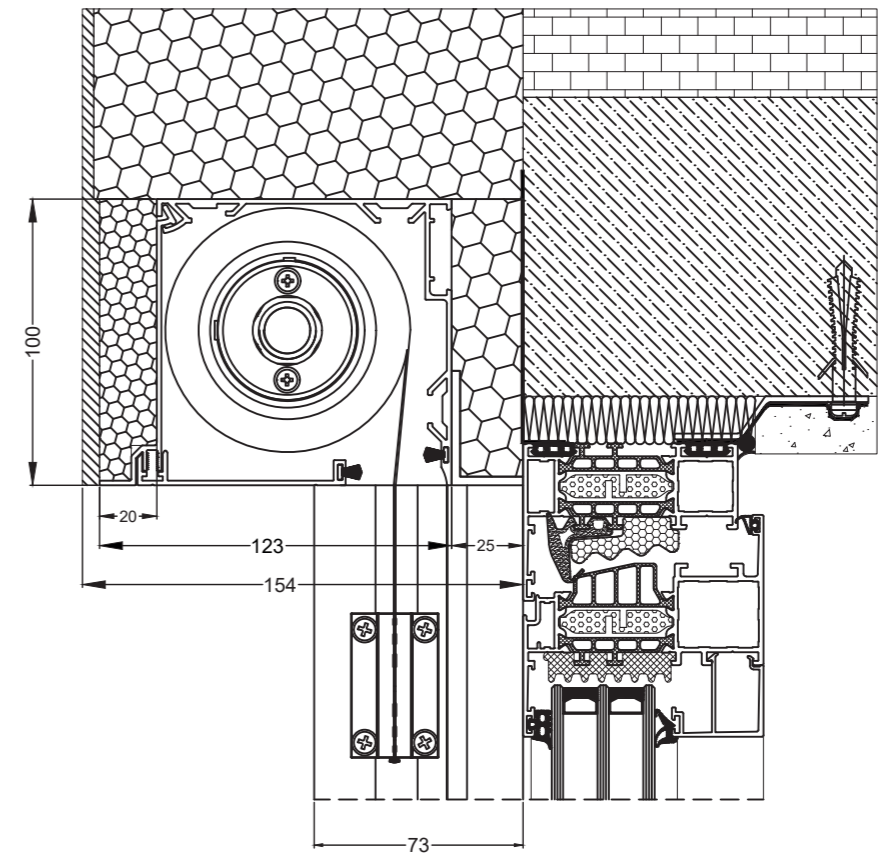
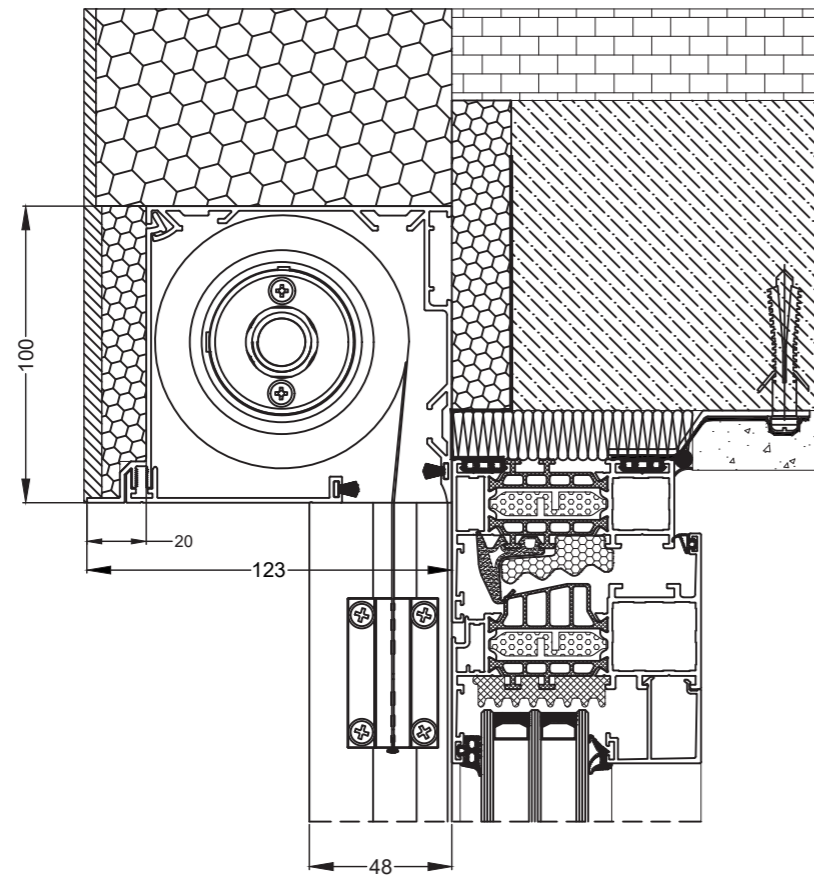
Adaptive installation (recessed) - small end slat (SCR011)

Flush mounted for pull forward window installation or set-back lintel - small end slat (SCR011)



Flush mounted for window aligned with lintel (with wall) - small end slat (SCR011)

Adaptive installation (recessed) - large end slat (NN032)



Flush mounted for pull forward window installation or set-back lintel - large end slat (NN032)

Flush mounted for window aligned with lintel (with wall) - large end slat (NN032)



# COLOUR SCHEME OF ZIP SCREEN FABRICS

## group of zip screen fabrics

### serge 100 | SERGE 1%

Collection of glass fibre fabrics covered with PVC. Fabrics from this group feature a characteristic serge weave, which guarantees their extraordinary dimensional stability. High fire resistance and very good technical parameters of the fabrics provide users with optical comfort in the rooms, thus protecting against excessive heating of the interior.

### technical parameters

application	indoor and outdoor
composition	42% glass fibre, 58% polyester
fabric weight	638 g/m <sup>2</sup>
thickness	0,78 mm
tensile strength	321 daN/50 mm warp, 277 daN/50 mm weft UNE EN ISO 1421
tearing strength	5,9 daN warp, 6,2 daN weft UNE EN ISO 4674-1



\*These colours only approximately reproduce actual colours.

# COLOUR SCHEME OF ZIP SCREEN FABRICS

## group of zip screen fabrics

### serge 600 | SERGE 5%

Collection of glass fibre fabrics covered with PVC. Fabrics from this group feature a characteristic serge weave, which guarantees their extraordinary dimensional stability. High fire resistance and very good technical parameters of the fabrics provide users with optical comfort in the rooms, thus protecting against excessive heating of the interior.

### technical parameters

application	indoor and outdoor
composition	42% glass fibre, 58% polyester
fabric weight	525 g/m <sup>2</sup>
thickness	0,74 mm
tensile strength	260 daN/50 mm warp, 260 daN/50 mm weft ISO 1421
tearing strength	8,5 daN warp, 7,5 daN weft ISO 4674-1 m. 2





## COLOUR SCHEME OF ZIP SCREEN FABRICS

### group of zip screen fabrics

#### serge 600 | BO Lunar

Collection of glass fibre fabrics covered with PVC. Fabrics from this group feature a characteristic serge weave, which guarantees their extraordinary dimensional stability. High fire resistance and very good technical parameters of the fabrics provide users with optical comfort in the rooms, thus protecting against excessive heating of the interior.

### technical parameters

application	indoor and outdoor
composition	33% glass fibre, 47% polyester, 20% PVC Laminate
fabric weight	678 g/m <sup>2</sup>
thickness	0,73 mm
tensile strength	260 daN/50 mm warp, 260 daN/50 mm weft ISO 1421
tearing strength	8,5 daN warp, 7,5 daN weft ISO 4674-1 m. 2



## MAINTENANCE OF ZIP SCREEN FABRICS

With their smooth surface, the materials are weather resistant and easy to keep clean. It is recommended to clean the fabrics regularly with mild detergent / soap spray.

1. Spray the detergent / soap.
2. Leave on fabric (for 2 to 3 minutes, depending on the extent of dirt).
3. Wipe in a circular motion with a soft brush or cloth.
4. Rinse with water or wipe with a damp sponge.



**aliplast**  
aluminium systems

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