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| **VERANDASCREEN®** |
| Renson Sunprotection-Screens, Industrial zone 1 Flanders Field, Kalkhoevestraat 45, 8790 Waregem – Belgium |
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| **Product features** |
| (text marked in red can be deleted depending on your choice) |
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| **Box** |
| Dimensions: 175 mm high and 230 mm deep |
| The box consists of a fixed profile and a removable profile. |
| Option: a covercap 'fixed' and 'removable' to hide the spring axis |
| Profiles are made of extruded aluminium. |
| The side supporting endpieces of the box, which support the roller mechanism and are equipped with pins, connect the box to the side channels. |
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| **Installation** |
| This sun protection can be installed on a closed structure (such as a skylight). |
| The side channels can be fitted to the structure below using mounting feet (for e.g. conservatories), |
| Only top-bottom fittings are possible. The inclination of slope may vary between 0° and 90°. The usage of a specific fabric is defined in function of the inclination angle. |
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| **Fabric roller** |
| Made of galvanised steel. |
| Is equipped with a motor tube which is part of the tension system. |
| The fabric roller can be removed from the side with the removable profile, which will define the position of the motor on the left or right hand side. |
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| **Fabric** |
| ● Polyester fabric (semi-transparent): |
| (Fire classification M1) |
|  - Weight: ± 380-420 g/m², thickness: 0.43-0.45 mm |
|  - All fabrics consists of strips with a maximum width of 885 mm |
| ● Polyester blackout fabric: |
| (Fire classification M2) |
|  - Weight: ± 650 g/m², thickness: 0.60 mm |
|  - All fabrics consists of strips with a maximum width of 885 mm |
| ● Acryl fabric: |
|  - All fabrics consists of strips with a maximum width of 1,200 mm |
|  - The fabric is manufactured vertically |
|  - The fabric strips are stitched together and all the way round equipped with a hem |
|  - The widths of the hems and the overlapments can be different depending on the manufacturer and the application |
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| **Dimensions** |
| Min. width: 1,225 mm. |
|  - Polyester fabric can show wrinkles or folds |
| Max. with 4,500 mm and max. projection 7,000 mm. Max. 16 m² (without fabric supporting roller) or max. 21 m² (with fabric supporting roller) in 1 part. |
| 1 fabric supporting roller from: |
|  - W > 4,250 mm and P > 3,500 mm |
|  - W > 4,000 mm and P > 3,750 mm |
|  - W > 3,750 mm and P > 4,000 mm |
|  - W > 3,500 mm and P > 4,250 mm |
|  - W > 3,250 mm and P > 4,500 mm |
|  - P > 5,000 mm |
| 2 fabric supporting rollers from: |
|  - P > 6,000 mm |
| Coupling (2 parts with 1 motor): min. with 4,000 mm, max. with 9,000 mm and max. projection 7,000 mm. Max. 32 m² (without fabric supporting roller) or max. 42 m² (with fabric supporting roller). |
| 1 fabric supporting roller from: |
|  - W > 8,750 mm and P > 3,500 mm |
|  - W > 8,000 mm and P > 3,750 mm |
|  - W > 7,500 mm and P > 4,000 mm |
|  - W > 7,000 mm and P > 4,250 mm |
|  - W > 6,500 mm and P > 4,500 mm |
|  - W > 6,250 mm and P > 4,750 mm |
|  - P > 5,000 mm |
| 2 fabric supporting rollers from: |
|  - P > 6,000 mm |
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| **Side channels** |
| Are made of 1 extruded aluminum profiles. |
|  - Side channel: 53 mm W x 52.5 mm deep |
| The side channels are equipped with cavities in which the cable of the tension system is located. |
|  - Coupling side channel (consists of two side channels): 106 mm W x 52.5 mm deep |
| The box is fixed on the side channels by means of pins in the side supporting endpieces that slide into the hollow chambers. |
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| **Bottom bar** |
|  - Dimensions bottom bar: 94 mm H x 62.5 mm thick |
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| **Guide system** |
| Guides the bottom bar and the fabric. |
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| **Tension system** |
| The stainless steel cable of the tension system is fixed onto the side channel endpiece, located on both sides of the bottom bar. |
| The cable goes down in the side channel, then runs over a special designed cable guiding system and goes up again round the adjusting spring axis. |
| With the aid of a chain wheel control between motor axis and spring axis, a perfect fabric tension is achieved. |
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| **Colour** |
| All visible aluminium profiles (box, side channels and bottom bar) are powder-coated in the same RAL colour (60-80 µm) or anodised (20 µm), as is the external joinery. |
| The side supporting endpieces are cast aluminium and are painted in the same colour as the profiles. |
| The side supporting endpieces of anodised profiles (box, side channels and bottom bar) are painted in MAT9006. |
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| **Control** |
| Electrical: using a 230 VAC tubular motor, without manual emergency override |
| The connection is included in the sun protection set. |
| Includes a cable equipped with a UV-resistant jacket. |
| The power supply and all wiring are included in the electrical set. |
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| **Warranty**  |
| 10-year warranty on all coatings on the aluminium elements. |
| 5-year warranty on all defects arising from normal home use and regular maintenance. |
| 5-year warranty on gloss (coatings). |
| 5-year warranty on the electronic operating system (Somfy® motorisation & automation). |
| 5-year warranty on the fabric collection. |
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| **Wind class** |
| This screen meets European standard EN13561. |
| (EN 13561:2004+A1:2008 in accordance with wind resistance class 3). |
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| **Standards and certificates** |
| This product is manufactured in accordance with and/or has been tested according to: EN 13561 |
|  - Declaration of performance DOP 201409-F006 |