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| **VEGASCREEN®** |
| 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: 230 mm high and 140 mm deep |
| The box consists of 2 fixed profiles and a removable bottom profile. |
| 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 screens are a single piece of fabric, except when the roll-out size is greater than the width of the fabric roller |
|  - The fabric is manufactured horizontally |
|  - The vertical ends not welded, bottom- and topside welded very frequently |
| ● Polyester blackout fabric: |
| (Fire classification M2) |
|  - Weight: ± 650 g/m², thickness: 0.60 mm |
|  - All screens are a single piece of fabric, except when the roll-out size is greater than the width of the fabric roller |
|  - The fabric is manufactured horizontally |
|  - The vertical ends not welded, bottom- and topside welded very frequently |
| ● 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: 900 mm. |
| Max. with 4,500 mm and max. projection 6,000 mm. Max. 27 m² in 1 part. |
| Coupling (2 parts with 1 motor): min. width 4,001 mm, max. width 8,000 mm and max. projection 6,000 mm. Max. 24 m² per part. |
|  - Polyester fabric can show wrinkles or folds |
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| **Side channels** |
| Are made of 1 extruded aluminum profiles. |
| Dimensions:  |
|  - Side channel: 41.5 mm W x 67 mm deep |
| The side channels are equipped with cavities in which the belt and the transport wheel of the tension system is located. The lower cavity is sealed off over the complete length by means of an ornamental strip. |
|  - Coupling side channel: 84 mm W x 67 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** |
| This is made of one extruded aluminium profile. |
|  - Dimensions bottom bar: 91 mm H x 42 mm thick |
| On the sides of this profile is fixed a left and right trolley. |
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| **Guide system** |
| Guides the bottom bar and the fabric. |
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| **Tension system** |
| The pretension is built by means of springs, located on top of the motor tube. This motor tube is located in the fabric roller. |
| The number of springs can vary from 2 to 4 pieces depending on the width of the system. |
| The system is tensioned using a permanently pretensioned belt. |
| There is a belt pulley on the left and right-hand sides of the fabric roller. |
| The belt starts at this pulley, and is then routed across the alignment wheel and via another pulley into the bottom bar runner. |
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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 |