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| **SLIDEFIX®** |
| 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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| **Description** |
| This new development - in which the screen opens to the side - is the ideal, wind-resistant solution for large openings, sliding windows and corner solutions. |
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| **Installation** |
| This system can be concealed in a construction. |
| It is fixed in place using mounting brackets (H: 6 mm). These fix the upper/bottom channels into the supporting, upper or lower construction. |
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| **Dimensions** |
| Single system: |
|  - Minimum width (incl. box width): 1,000 mm and minimum height (incl. upper/bottom channel): 850 mm |
|  - Maximum width (incl. box width): 4,000 mm and maximum height (incl. upper/bottom channel): 3,000 mm |
| Double system: |
|  - Per part: minimum width (incl. box width): 1,000 mm and minimum height (incl. upper/bottom channel): 850 mm |
|  - Per part: maximum width (incl. box width): 4,000 mm and maximum height (incl. upper/bottom channel): 3,000 mm |
|  - Maximum total width (incl. box widths): 7,300 mm, if upper/bottom channel must be a single piece |
|  - Maximum total width (incl. box widths): 8,000 mm, if upper/bottom channel can be in two pieces |
| Corner solution: |
|  - Per part: minimum width (incl. box width): 1,000 mm and minimum height (incl. upper/bottom channel): 850 mm |
|  - Per part: maximum width (incl. box width): 4,000 mm and maximum height (incl. upper/bottom channel): 3,000 mm |
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| **Box** |
| Dimensions: 150 mm width x 110 mm deep |
| The box is placed vertically and can be built into the wall. |
| Profiles are made of extruded aluminium. |
| The upper side supporting endpiece is fitted with the female part of the electrical connector (Connect&Go technology), and the cable feed is at the top of the box. |
| It is fixed to the upper/bottom channels using a mounting plate. |
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| **Fabric roller** |
| Made of galvanised steel. |
| Recessed fabric slot limits compression of the fabric strap. |
| Fitted with conical endcaps to compensate for the larger ends of the zippers. They also contain a hypoid part for rolling up the tension cord. |
| Is fitted with the male part of the electrical connector (Connect&Go technology). This allows for easy installation and removal of the fabric roller. |
| The fabric roller can be removed from the side with the removable profile. |
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| **Fabric** |
| All screens are a single piece of fabric, except when the width is greater than the width of the fabric roller. |
| The fabric is manufactured vertically. |
| The horizontal borders are fitted with a zipper to keep the fabric firmly in upper/bottom channel and wind-resistant. |
| The zipper is high-frequency welded, always on the least visible side. |
| ● Polyester fabric (semi-transparent): |
| (Fire classification M1) |
|  - Weight: ± 380-420 g/m², thickness: 0.43-0.45 mm |
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| **Channels**  |
| These are made of extruded aluminium profiles. |
| Dimensions:  |
|  - Upper/bottom channel: 100 mm H x 110 mm deep |
| The tension system's UHMWPE cord runs through the upper/bottom channels. |
| The bottom channel ensures optimum water drainage (patented technology), so that heavy rainfall on the fabric can be drained off. |
| The following options are available for the drainage: PVC drainage pipe (Ø 50 mm) with leaf grille or grooves (standard) in the bottom channel. |
|  - The drainage system is delivered separately. A second drainage system must be provided for systems wider than 3,000 mm. |
|  For optimum installation freedom, the opening for the drainage is drilled by the installer, which means the circumference is optional. |
|  - Grooves of 30 mm x 12 mm for grooved drainage are fitted every 500 mm into the bottom channel. |
| Simple disassembly of the cover profile of the bottom channel enables easy maintenance (removal of leaves, dust, etc.). |
| It is fixed in place using mounting brackets on the supporting construction. |
| Each upper/bottom channel has an integrated HPVC inner rail with a co-extruded, wear-resistant top coating (Smooth technology). |
| The zip, which is welded to the fabric, is threaded through this HPVC inner rail, which holds the fabric in place. |
| When installed correctly, there is sufficient tolerance between the fabric, aluminium channels and the HPVC inner rail to guarantee ease of use. |
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| **Side bar** |
| This is made of one extruded aluminium profile. |
| Disappears into the box. |
| Dimensions:  |
|  - 48 mm W x 32 mm deep |
| Systems higher than 1,500 mm are installed with a bias. |
| Is fitted with endpieces with hooks for disconnecting the cord. These are Zamac and painted in the same colour as the profiles. |
| Fitted with a plastic strip. Available in two colours: black and grey |
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| **Guiding profile (optional)** |
| This is made of one extruded aluminium profile. |
| Installation of the guiding profile is done using the fixation plate on the upper/bottom channels. |
| Extra fixation can be ensured via clamps on the window frame. |
| (When installing a guiding profile, no endcaps are fitted to the upper/bottom channel.) |
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| **Guide system** |
| **Smooth technology** |
| Guides the bottom bar and the fabric. |
| Thanks to the patented Smooth technology, the movement of the zipper in the HPVC inner rail is smooth and silent. |
| This intelligent HPVC inner rail is equipped with a patented, wear-resistant layer. |
|  - guarantees a taut fabric with fewer wrinkles |
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| **Tension system (patented technology)** |
| The tension system is unique due to its combination of Fixscreen-technology and an extra tension mechanism with a UHMWPE-cord located in both the upper/bottom channels. |
| The UHMWPE cord is rolled up into the conical endcaps, runs through the upper/bottom channels, via three gears and is fixed to the endpiece on the side bar. |
| Using colour codes, the correct tension can be achieved on the cord. |
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| **Colour** |
| All visible aluminium profiles (box, upper/bottom channel and side bar) are powder-coated in the same RAL colour (60-80 µm) or anodised (20 µm), as is the external joinery. |
| The cast-aluminium supporting endpieces and the other visible metal parts are painted in the same colour as the profiles. |
| The side supporting endpieces and other metal parts are painted in the same colour as the profiles in anodised profiles (box, upper/bottom channel and side bar). |
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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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| **Connect&Go technology** |
| The male part is located on the motor slide; the female part of the electrical connector is in the box. Both parts are screwed shut each time. |
| The top of the fabric roller contains the motor slide; the bottom contains the bearing slide. |
| When the fabric roller is installed in the box, the sliders move in the straight guide profile of both side supporting endpieces. |
| This allows the male pin part to slide perfectly into the female pin part. |
| Quick, easy installation is possible due to this patented electrical connector. |
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| **Power supply, wiring and automation** |
| These must be provided by the M&E engineer on site and are not part of the sun protection range. |
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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). |
| Warranty valid up to 90 km/h when closed. |
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| **Standards and certificates** |
| This product is manufactured in accordance with and/or has been tested according to: EN 13561 |
| EU declaration of conformity - In accordance with the following directives: |
|  - Machinery Directive 2006/42/EC |
|  - Low Voltage Directive 2014/35/EU |
|  - EMC Directive 2014/30/EU |
| References and certificates: |
|  - RAP VV/GDB-20100927-1 certificate |
|  - RAP DO/GDB-20110318-1 certificate |
|  - RAP DO/GDB-20110321-1 certificate |
|  - RAP MCO20140514-1 certificate |
|  - Issued by J. VAN HEMELEN, Kortrijk, Belgium |
|  - Declaration of performance DOP-2015SC00005 |