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| **TOPFIX® MAX (F (Freestanding))** |
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| **Product features** |
| (text marked in red can be deleted depending on your choice) |
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| **Box** |
| Dimensions: 260 mm high and 202 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** |
| Topfix Max: this system is installed onto a closed structure (eg rooflight) |
| Topfix Max F: this system is installed onto an open construction |
| The side channels can be fitted to the structure below using mounting feet (installation A for e.g. conservatories), |
| or can be fitted directly onto a lateral structure (installation B). |
| Top-bottom and Bottom-Top (with supporting bracket) 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. |
| Recessed fabric slot limits compression of the fabric strap. |
| Is equipped with patented conical endcaps to compensate for the thicker ends of the zip. |
| They also have a belt pulley to wind up the tension belt. |
| 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** |
| All screens are a single piece of fabric, except when the height is greater than the width of the fabric roller. |
| The fabric is manufactured horizontally. |
| The vertical borders are equipped with a zipper, making the fabric is windproof in the side channel. |
| 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 |
| ● Polyester blackout fabric -> only with Topfix Max: |
| (Fire classification M2) |
|  - Weight: ± 650 g/m², thickness: 0.60 mm |
| ● Polyester Rensonscreen Waterproof -> only if Topfix Max F: |
| (Fire classification M2) |
|  - Weight: ± 440 g/m², thickness: 0.48 mm |
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| **Dimensions** |
| Min. width: 1,225 mm. |
| Max. with 5,000 mm and max. projection 6,000 mm in 1 part. |
| Max. with 4,000 mm and max. projection 6,000 mm in 1 part (in case of Polyester Rensonscreen Waterproof). |
| In function of the inclination of slope and the fabric type, different dimensions (depending on width and projection) are applicable (see table). |
|  - Polyester fabric can show wrinkles or folds |
| **TABLE**  |
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| **Side channels** |
| Are made of 2 extruded aluminum profiles. |
| Dimensions:  |
|  - Side channel -> only if Topfix Max: 69.5 mm W x 84.5 mm deep |
|  - Side channel -> only if Topfix Max F: 91 mm W x 84.5 mm deep |
| The side channels are equipped with tracks on which the wheels of the trolleys of the bottom bar. This ensures a perfect movement guidance of the bottom bar. |
| The box is fixed on the side channels by means of pins in the side supporting endpieces that slide into the hollow chambers. |
| Topfix Max F: the side channels are equipped with a hidden drainage gutter to ensure to drain away the rainwater which hits the fabric via the bottom bar and the side channels |
| Topfix Max F: those side channels combined with the trolleys provide a level of mechanical security on the bottom bar |
| Each side channel has an integrated HPVC inner rail with a co-extruded, wear-resistant top coating (Smooth technology). |
| The HPVC inner rail is equipped with 2 S-profiles, to avoid heavy wind loads. |
| 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 side channels and the HPVC inner rail to guarantee ease of use. |
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| **Bottom bar** |
| This is made of one extruded aluminium profile. |
|  - Dimensions bottom bar: 140 mm H x 67 mm thick |
| On the sides of this profile is fixed a left and right trolley. |
| Topfix Max F: a black HPVC leaf-catcher has been provided in the bottom bar; that stops the dirt so the drainage channels do not get clogged |
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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 |
|  - does not need yearly maintenance with a lubricant |
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| **Tension system** |
| The system is tensioned using a permanently pretensioned belt. |
| This pretensioning is achieved using torsion springs located on the motor tube. |
| The motor tube is located in the fabric roller of the roof sun protection. |
| 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. |
| Guaranteed up to 120 km/h when closed (EN 13561:2004+A1:2008 in accordance with wind resistance class 3)\*. |
|  \* Wind tunnel test report 'Von Karmen' institute (n° EAR0852 - 2009-07) (W 3,000 mm x P 3,000 mm) |
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| **Standards and certificates** |
| This product is manufactured in accordance with and/or has been tested according to: EN 13561 |
| References and certificates: |
|  - Declaration of performance DOP 201409-F006 |