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| **FIXSCREEN® Go Solar - Surface mounted (IM 1)** |
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| 2025 01 17 - PM\_Screens |
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| **Product characteristics** |
| (text highlighted in red can be deleted depending on your choice) |
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| **Installation** |
| This product is installed in front of the window with fully finished head box -> Surface mounted. |
| The side supporting end caps of the head box, which support the roller mechanism and are equipped with pins, connect the head box to the side guiding channels. |
| Click & Safe: facilitates quick and easy (dis)assembly of the fabric set. |
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| **Head box** |
| Composition: extruded aluminium. |
| Head box design: Square (rectangular). |
| Dimensions: 85 mm height and 85 mm depth (max. surface 7.5 m²). |
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| **Side guiding channels** |
| Composition : |
| - Outer profiles: extruded aluminium |
| - Inner rail : |
| - HPVC plastic (= robust design guarantees high wind guarantees) |
| - Smooth-technology: coextruded, wear resistant top layer (= Smooth and quiet, long-term durable operation, without additional maintenance) |
| - Neoprene buffer zones (60 mm long) (= Compensate for gusts of wind and contribute to constant fabric tension) |
| - Open side guiding channel (standard): W 35 mm x D 48 mm, in 2 parts. Equipped with a base plate under 0° made of fibre glass-reinforced polyamide. Cable can be concealed in the side guiding channel |
| For smoother installation, the side guiding channels are always pre-drilled (first chamber). |
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| **Fabric set** |
| Composition : |
| - Fabric tube: aluminium, with an integrated recessed fabric groove |
| (= Counteracts horizontal line formation by limiting the penetration of the fabric) |
| - Cone shaped fabric tube end pieces (= Compensating for the thicker ends of the rolled-up zipper and thus guaranteeing perfect roll-up of the screen) |
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| **Fabric** |
| All fabrics consist of a single piece of fabric, except if the height is greater than the fabric tube width. |
| Confection : |
| - Horizontal |
| - Fixscreen-technology: the vertical borders are equipped with a symmetrical zipper |
| (= This symmetrical shape ensures that the fabric absorbs the wind load well. As a result, the fabric is firmly affixed in both side guiding channels and remains windproof in any position) |
| - Welding zipper: High-frequency, always on the least visible side. (= Durable and aesthetic adhesion of the zippers to the fabric) |
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| Applicable dimensions of fabrics, see brochure. |
| Type of fabric : |
| ● Fibre glass fabric (semi-transparent): |
| - Fire resistance: M1 (NFP 92503), C-s3d0 (Euroclass EN 13501-1) |
| - Weight: ± 520-620 g/m², thickness: 0.53-0.80 mm |
| ● Fibre glass fabric (blackout): |
| - Fire resistance: M1 (NFP 92503) |
| - Weight: ± 660 g/m², thickness: 0.75 mm |
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| **Weighted bottom bar** |
| Composition : |
| - Bottom bar: Extruded aluminium, solidly weighted with bars in galvanised steel. (= Facilitates the smooth guiding system and tension of the fabric) |
| - Ballast: Steel bar. The bar is covered with PE foam to prevent contact between the aluminium and steel and to buffer noise |
| - Dimensions and weight of the bottom bar: H 46 mm x D 30 mm (excl. sealing strip) = 0.85 kg/rm |
| - Dimensions and weight of the steel bar: H 30 mm x D 20 mm = 4.7 kg/rm (W = 3120 mm: max. 17 kg), is provided based on the application for ideal guiding system |
| Finishing : |
| - Fitted with UPVC end pieces. Available in 4 colours: black, white, grey and cream |
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| **Colour** |
| Aluminum profiles (head box, side guiding channels and bottom bar): Powder coated (60-80 µm) in the same colour as the external joinery. |
| Side supporting end caps (cast aluminium): Powder coated in the same colour as the profiles. |
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| **Control** |
| Electrical : |
| Operated by 12 V DC tubular motor, battery and solar panel 16 V - 24 V. |
| The motor connection is included in the sun protection category. |
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| **Warranty and product information via QR code** |
| 10-year warranty on coatings on the aluminium profiles. |
| 7-year warranty on the windproof-technology: |
| - Zipper remains in side guiding channel |
| - Optimal adhesion of zipper to fabric |
| 5-year warranty on defects arising from normal domestic use and regular maintenance. |
| 5-year warranty on motors. |
| 5-year warranty on the fabric collection. |
| Every individual sun protection product can be identified afterwards and linked to a warranty number or a unique screen ID. |
| This identification is done thanks to a QR code, which is placed in an easily accessible location (can be consulted without using extra tools) and can be easily scanned using a smartphone or tablet. |
| The essential product details (dimensions, colours, type of fabric, motor type, etc.) can be consulted at any time. |
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| **Wind class** |
| This product meets European standard EN13561. |
| Guaranteed up to 130 km/h in closed position (EN 13561:2004+A1:2008 conform wind class 3). The wind resistance depends on the dimensions and is available upon request. |
| Wind tunnel test report 'Force Technology' institute (N° 113-25809): wind resistance guaranteed up to 126 km/h in closed position (tested for a screen of 3,000 mm x 3,000 mm). |
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| **Standards and certificates** |
| This product is manufactured in accordance with: EN 13561 and conforms to and/or has been tested in accordance with these standards. |
| AluEco en VMRG Sun protection certificate. |
| 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 |