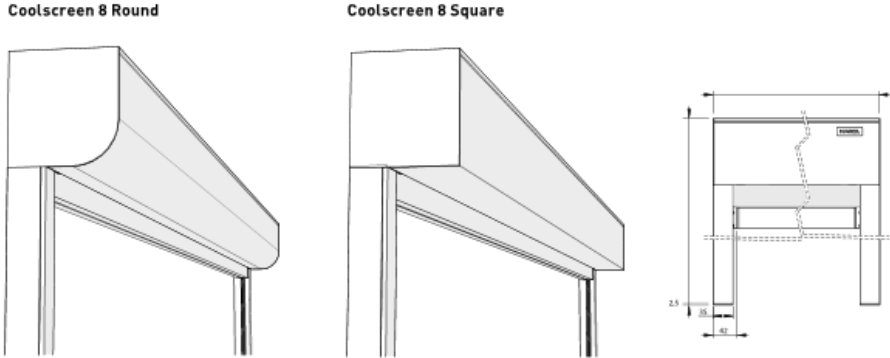


**SPECIFICATION DATA – COOLSCREEN 8**

**APPLICATION**

External roller zip screens to reduce solar gain; suitable for retrofit/new build projects where maintenance access is required from the front of the box. Ideally suited for inward opening, lifting, and sliding windows and doors.

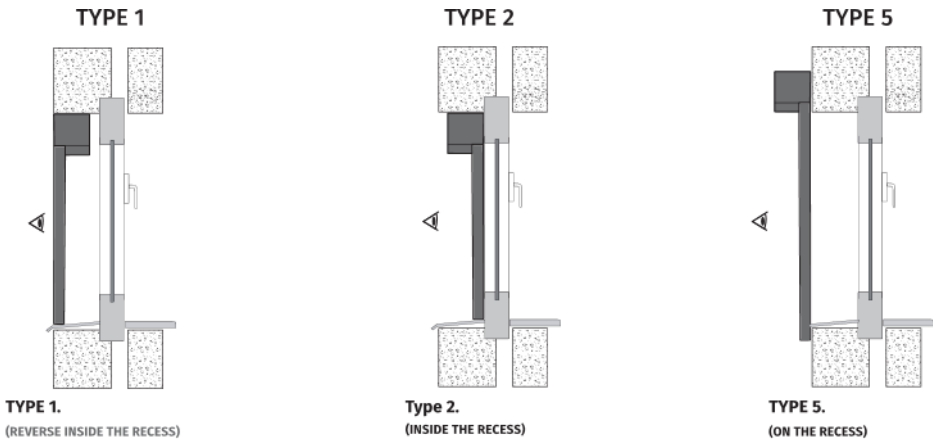


**DESCRIPTION**

The Coolscreen 8 zip screen retracts into a small box above the glazing and is pin mounted onto side guides with zip seals for improved wind performance. The box, side guides and end rail are manufactured in extruded aluminium and can be RAL colour matched to the window frame or façade. The screens range from blackout to mesh fabrics with an openness factor of 14% retaining the view to the outside.

**FEATURES AND BENEFITS**

- Retracts into a discreet 90 to 135 mm sized box
- Suitable for installation inside, outside the reveal and reverse mounted
- Guide rails suitable for curtain walling
- Manual, motorised and solar powered
- Class 3 wind resistant
- Options for optimal transparency or total blackout fabric
- Window size (maximum) 24m<sup>2</sup> for standard motor/ 12m<sup>2</sup> for solar powered motor

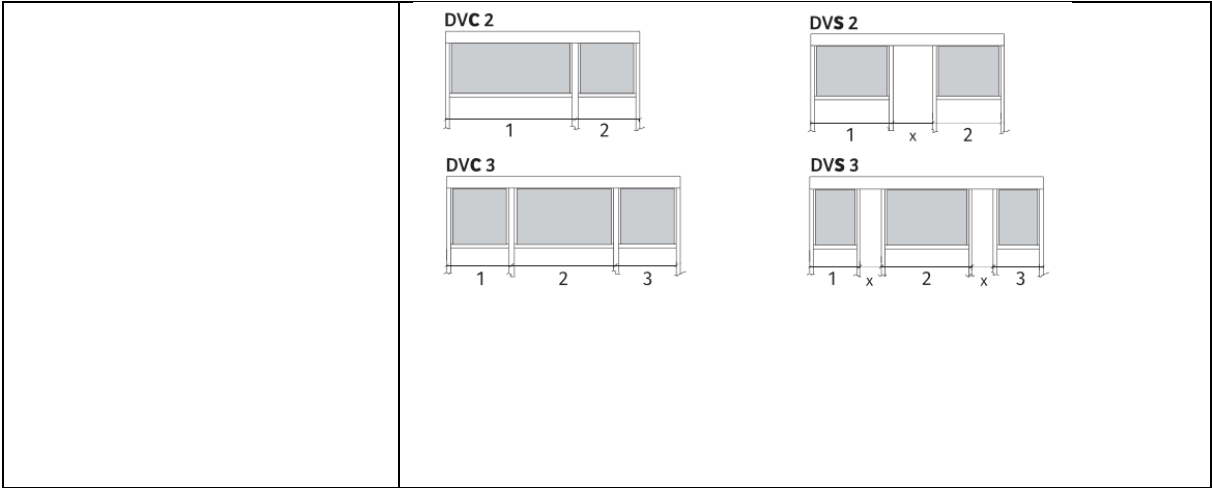


## GENERAL INFORMATION

Uniclass	Pr_30_59_07_26
CAWS	L10/680 Solar shading system N10/240 Blinds L10/59 Solar shading system
Product range	Sun Protection Screen/Vertical

Product Reference	Coolscreen 8
Headbox Installation	<p>The box (square or rounded) is made of extruded aluminium, which is powder-coated and RAL colour matched.</p> <p>The box dimensions are 90 x 95, 110 x 115, 135 x 140mm (based on the height and choice of fabric).</p> <p>The box consists of a square or rounded front plate with a plastic cover lock to open outwards for access to maintenance. The box comes with a 20mm assembly bracket for fitting against the wall. A 60 x 60mm L profile is an option for fixing vertically into a reveal. The screen is assembled with stainless steel screws.</p>
Side guides	<p>The guide rails are made of extruded aluminium, which is powder-coated and RAL colour matched.</p> <p>The guide rails consist of 2 parts which are fitted together with no visible screws. Face fixation or side fixation.</p> <p>Standard guide rail is 35 x 39mm, central guide rail is 55 x 39mm. Option for 10 and 20mm fill out profiles.</p> <p>The zip guide profile is made from co-extrusion plastic and is designed to keep the fabric taut and inside the guide rails.</p> <p>PVC end stop for standard guide and central guide rail.</p>
Bottom lath	<p>A weighted bottom lath in extruded aluminium with sliding blocks that keep the fabric taut and ensure proper guidance of the screen fabric.</p> <p>The weight of the bottom lath (including the strengthening strip) is 2.9 kg per metre (maximum 5.8kg).</p>
Operation	<ol style="list-style-type: none"> <li>1) Manual: Crank handle operation - external or internal</li> <li>2) Electric operation with Somfy radio or wired in motors with 3, 5 or 10m cable</li> <li>3) Solar operation – includes motor, battery (NiMH 12VDC/2.2Ah) and solar panel laminated black fibre glass (3.2W)</li> </ol> <p>Operating side can be specified on the right or the left as seen from the outside for outdoor fitting</p>

<p>Screen Fabric</p>	<p><b>SERGE 600</b> is a transparent and light-inhibitory fabric consisting of fibre-optic threads which are pre-coated with plastic-based PVC and mass-coloured. The fabric retains its shape, is not affected by moisture and heat, unperishable and resistant to light. The vertical lateral sections of the fabric are reinforced by a high-frequency zip (on the non-visible side). The bottom is strengthened by an applied reinforcement band. The darkest side is positioned on the outside or view side. For heights of more than 2,500 mm, there is a horizontal weld seam.</p> <ul style="list-style-type: none"> <li>- Weight per m<sup>2</sup>: approx. 535 gr/m<sup>2</sup></li> <li>- Thickness: 0.55 mm</li> <li>- Fire Class EN 13501-1 – C-s3,d0</li> </ul> <p><b>SOLTIS 86/SOLTIS 92</b> are transparent and light-inhibiting fabrics, consisting of woven polyester threads which are stretched under great tension and attached with a Platisol layer. The fabrics have a two-sided coating, giving the fabrics excellent protection against UV rays and making them dirt-repellent. The vertical lateral sections of the fabric are reinforced by a high-frequency zip (on the non-visible side). The bottom is strengthened by an applied reinforcement band. For heights of more than 1.770 mm, there is a horizontal weld seam!</p> <ul style="list-style-type: none"> <li>- Weight per m<sup>2</sup>: approx. 380-420 gr/m<sup>2</sup></li> <li>- Thickness: 0.43-0.45 mm</li> <li>- Fire Class EN 13501-1 – B-s2,d0</li> </ul> <p><b>BLACK-OUT B92</b> is a transparent and light-inhibiting fabric, consisting of woven polyester threads which are stretched under great tension and attached with a Platisol layer (Soltis). On the window side of the fabric, an obscuring PVC coating has been applied. The vertical lateral sections of the fabric are reinforced by a high-frequency welded zip (on the Soltis side). The bottom is strengthened by an applied reinforcement band. For heights of more than 1700 mm, there is a horizontal weld seam.</p> <ul style="list-style-type: none"> <li>- Weight per m<sup>2</sup>: approx. 650 gr/m<sup>2</sup></li> <li>- Thickness: 0.60 mm</li> <li>- Fire Class EN 13501-1 – B-s2,d0</li> </ul>
<p>Wind resistance</p>	<p>These comply with wind speed class 3 – EN13561. Test results according to CSTC, running at constant pressure of up to 1000Pa (up to &gt;140km/h) and an average dimension of 3.5 x 3m.</p>
<p>Product Options</p>	<p>Option to use 1 box for 2 or 3 screens:</p> <ul style="list-style-type: none"> <li>• type 1: screens directly next to each other (DVC)</li> <li>• type 2: screens with a small gap (DVS): <ul style="list-style-type: none"> <li>• minimum 26 mm</li> <li>• maximum 500 mm</li> </ul> </li> <li>• maximum 6m box width</li> </ul>



**Subject to technical changes**

Please consult us for technical advice

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