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WE BELIEVE IN NATURAL COOLING

Harol Coolscreen 8 Plus

Experience the next
generation sun protection

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Coolscreen 8 Plus, pushing aesthetic boundaries

The Coolscreen 8 Plus pushes aesthetic boundaries, with the invisible bottom lath creating a visually sleek look that exceeds aesthetic standards. This innovative approach adds a refined and modern touch to any building. The refined design is accentuated by the fact that the bottom lath disappears completely into the box when the screen is not in use. The Coolscreen 8 Plus not only offers an aesthetically high-quality solution, but is also designed to keep solar heat away from any type of building as efficiently and sustainably as possible.



Taut fabrics & noiseless operation

The fabric is nicely guided out of the box thanks to the zip guide profile with polymer co-extrusion that is highly resistant to extreme temperatures. The reinforced bottom lath keeps the fabric horizontally taut. Moreover, the screen comes with noiseless operation thanks to the optimised X-glide technology, a profile that cancels out the resonance inside the box. This innovative combination ensures ultra-taut fabrics and noiseless operation! Win-win!



Smooth installation

With translucent to 100% blackout fabrics, the Coolscreen 8 Plus offers various personalisation options. The screen can easily be placed in front of the window, in the window opening or on the façade without perforating the building shell, making it a perfectly integrated and durable sun screen for any environment. Ideal for new builds and renovations.

Slim and durable design

The rectangular box, the extra narrow guide rail, the invisible weld seam and the bottom lath that completely disappears into the box, ensure a sleek and minimalist design that suits any architecture, which is also aided by the screwless, snap-fit design. Coolscreen 8 Plus is an ultra-sleek screen which pushes aesthetic boundaries.

Elaborate design

The box is designed so that the bottom lath disappears completely inside the box when the screen is not in use. A patented zip system will ensure the fabric stays extra taut. There is also no light gap between fabric and lateral guides.

Available fabrics and technical properties

	Sergé Ferrari			Copaco		
	Soltis Horizon 86	Soltis Perform 92	Soltis Opaque B92	Sergé 600	Sergé 1%	Sergé Blockout Lunar
Type	Polyester	Polyester	Polyester	Glass fibre	Glass fibre	Glass fibre
Weight approx. (g/m ²)	380	420	650	535	620	660
Thickness approx. (mm)	0.43	0.45	0.60	0.55	0.80	0.78
Transmission of direct sunlight	14%	3%	0%	5%	1%	0%
Solar factor G _{tot} values**	0.12 - 0.22	0.05 - 0.16	0.01 - 0.05	0.08 - 0.12	0.06 - 0.09	0.02 - 0.05

Cooling naturally thanks to Coolscreen 8 Plus

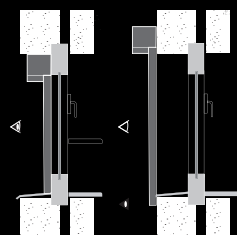
- ▶ Minimalist design with no need for screws
- ▶ Ultra-taut fabrics and noiseless operation
- ▶ Window areas up to 24 m²
- ▶ Quick installation
- ▶ Compact 90 mm, 110 mm or 135 mm box that fits perfectly into the window opening

Premium quality

Unparalleled aesthetic innovation

Installation

- ▶ Surface-mounted screen Coolscreen 8 Plus can be fitted in front of the window, in the window opening or on the façade.
- ▶ Coolscreen 8 Plus is suitable for new-build as well as renovation projects.

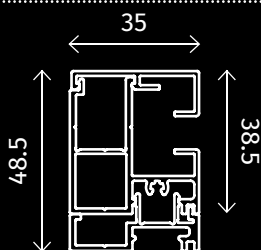


Technical ingenuity

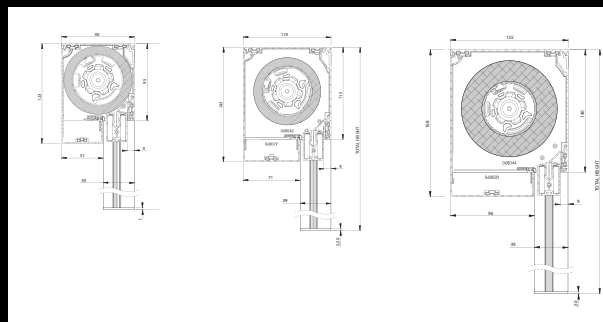
- ▶ The innovative motor bracket and Cable Control Technology ensure faster and more efficient installation and after-service.
- ▶ Harol Coolscreen 8 Plus features Somfy's latest-generation io control as standard. This ultra-efficient screen motor works day and night and in all weather conditions. The motor features an integrated Somfy io home control receiver.
- ▶ Wide choice of high-tech fabrics that provide optimum sun protection and ensure outside visibility according to the user's needs.

Design

- ▶ Rectangular, minimalist box, made of extruded aluminium.
- ▶ One clickable guide rail in one compact size of 35 mm that can be used for various installation applications.



- ▶ Box available in 3 sizes: 90 x 123 mm, 110 x 143 mm and 135 x 168 mm. The 90 mm box fits perfectly into the window opening, making it blend seamlessly with the façade.



- ▶ Narrow bottom lath of 37 mm that cleverly hides the weld seam and disappears completely into the box when closed.
- ▶ Aesthetic perfection thanks to screwless design both of the box and guide rail.

Durable

- ▶ High-quality and durable system, tested up to 15,000 cycles.
- ▶ Compliant with Wind class EN13651: wind class 3.
- ▶ Box and parts are powder coated in our own environmentally friendly paint shop.
- ▶ Harol's manufacturing processes are 100% powered by green wind energy.
- ▶ Minimum parts for maximum applications.
- ▶ Fully clickable design for efficient end-of-life recycling.

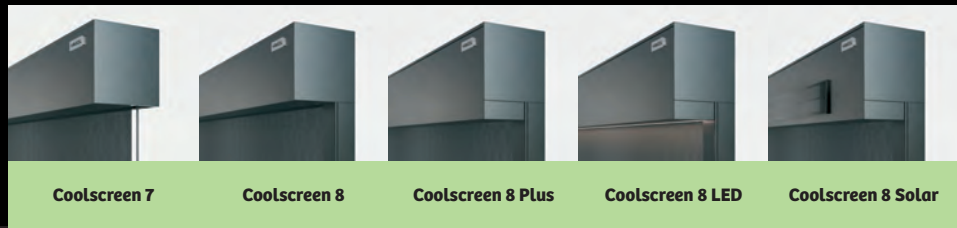
Maintenance

- ▶ The box and profiles should be cleaned regularly with lukewarm water and neutral soap and then rinsed with tap water. Do not use corrosive or aggressive products, scouring pads or other abrasives.
- ▶ The closed box efficiently protects the fabric against grime and dirt.

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STRUCTURE / DESIGN

Type	Surface-mounted	Surface-mounted	Surface-mounted	Surface-mounted	Surface-mounted
Max. width	3.5 m	6 m	6 m	6 m	4 m
Max. height	3.5 m	6 m	6 m	6 m	3 m
Max. surface area	9 m ²	24 m ²	24 m ²	24 m ²	12 m ²
Box	Rectangular / round	Rectangular / round	Rectangular	Rectangular	Rectangular
Box dimensions	90 x 95 mm 110 x 115 mm 135 x 140 mm	90 x 95 mm 110 x 115 mm 135 x 140 mm	90 x 123 mm 110 x 143 mm 135 x 168 mm	90 x 123 mm 110 x 143 mm 135 x 168 mm	90 x 123 mm 110 x 143 mm
Guide rail	Cable guide	Clickable, 1 type	Clickable, 1 type	Clickable, 1 type	Clickable, 1 type

OPERATION

io motor	Standard	Standard	Standard	Standard	Standard
RTS motor	Option	Option	Option	Option	Option
Wired	Option	Option	Option	Option	N/A
Manual (winch handle)	Option	Option	Option	Option	N/A

WIND RESISTANCE

Beaufort	Up to Beaufort level 5	Up to Beaufort level 6	Up to Beaufort level 6	Up to Beaufort level 6	Up to Beaufort level 6
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OPTIONS

Sun and wind sensor	Option	Option	Option	Option	Option
LED lighting	N/A	N/A	N/A	Standard	N/A
Blackout fabric for bedroom	N/A	Option	Option	Option	Option

DURABILITY

X-glide anti-wear fabric technology / Quieter screen	Standard	Standard	Standard	Standard	Standard
Tested up to 15,000 cycles	Standard	Standard	Standard	Standard	Standard



Applications

Catering venues, hotels, homes, flats, care homes, etc.



Warranty

5-year product warranty.



Controls

Harol's Coolscreen 8 Plus comes with an io control device as standard, which can be connected to the io home control system for building automation. io-homecontrol.com



Harol reserves the right to make technical changes to the products detailed above.