

envioblinds

LOW CARBON TECHNOLOGY

Coolscreen 10


Experience the next generation
sun protection



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 GERMAN
DESIGN
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Coolscreen 10, ultra integrated design

Introducing the Coolscreen 10 from Harol: an innovative built-in screen that disappears seamlessly into the cavity wall, without perforating the building shell. The result is a clean, minimalist finish without alteration to the façade. Thanks to advanced patented technologies and a unique click-on design, the Coolscreen 10 sets a new benchmark in ease of use, durability, and architectural integration. When retracted, the bottom lath disappears completely into the box. A masterpiece of modern sun protection solutions: discreetly integrated, exceptionally efficient.



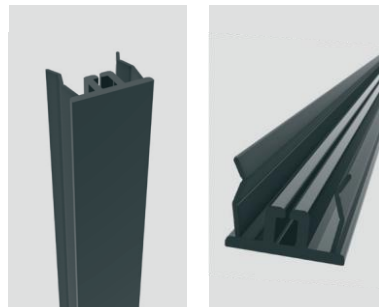
Quick and secure installation

A smart mounting system using hammerhead bolts and corner anchors ensures quick and secure installation – without the need to drill into the box itself. This preserves optimal insulation and moisture protection. The system also offers flexible installation options: both standard and inverted mounting are possible. This makes it particularly suitable for applications such as insect screens or sliding windows.



Taut fabrics, thanks to patented Harmo-Glide zip guide profile

The Coolscreen 10 features Harmo-Glide, a patented zip guide profile that keeps the fabric continuously and evenly tensioned while eliminating gaps. Specially engineered die springs create a 'concertina' effect: maintaining smooth, stable tension in light winds, and automatically increasing resistance in stronger winds. The result is a fabric that remains perfectly tensioned under all weather conditions.



An eco-friendly and future-proof design

The Coolscreen 10 embodies a minimalist, sustainable eco-design. Its click-on system uses a reduced number of components that are easy to assemble, disassemble, and recycle. After installation, no screws remain visible, and the bottom lath retracts fully into the box for a super sleek finish. The seamless design enhances both its refinement and elegance.

Silent operation

X-Glide technology – a specially developed box profile that dampens vibrations and neutralizes resonance – is a standard feature on the Coolscreen 10. The result is virtually silent operation and a significantly extended fabric lifespan. Even with intensive daily use, the screen continues to perform smoothly and quietly, and maintains its flawless appearance year after year.

Enjoy cool comfort and privacy with Coolscreen 10

- Ä Reduces solar heat by 95%
- Ä Naturally cool interior, no air conditioning required
- Ä Lower energy consumption
- Ä Optimal thermal comfort
- Ä No glare on device screens or displays
- Ä Clear exterior visibility maintained
- Ä Daytime privacy
- Ä Protection against UV radiation
- Ä Reduced interior colour fading
- Ä Weather and wind-resistant
- Ä Smart controls (automation & smart home integration)
- Ä Sustainable, energy-efficient solution

Premium quality

Maximum performance, compact eco-design

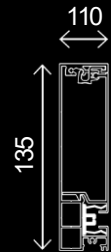
Installation

- For perfect, invisible integration, the Coolscreen 10 is integrated into the design during the initial architectural stage. This makes it the ideal solution for new-build projects where aesthetics and comfort go hand in hand.
- The Coolscreen 10 is ideal for passive construction and energy-neutral living.
- Rapid installation: The box is mounted quickly and securely, without perforating the building shell. This maintains optimal insulation and enhanced moisture protection.
- Flexible installation options: The Coolscreen 10 offers either standard or inverted installation, perfect for insect screens and sliding windows.



Design

- U-shaped box, fully concealed within the cavity wall, with no visible screws. Sleek finish: The bottom lath retracts fully into the box; end stops available in black, on request. Large dimensions available: Up to 6 metres in width or height, with a maximum surface area of 24 m². A perfect finish: No visible welds, fully powder-coated at Harol's in-house paint facility.



Durable

- Tested for 15,000 operating cycles, and certified to comply with wind class 3 (EN13561).
- Fully recyclable design.
- Minimum components, maximum applications.
- Manufactured using 100% green energy.

Technical ingenuity

- 2-piece snap-on guide: Unique on the market, quicker to install than traditional systems.
- Patented Harmo-Glide zip guide profile: Ensures perfectly tensioned fabric in every position, eliminating light gaps even in large-scale applications.
- X-Glide technology: An advanced damping profile engineered for whisper-quiet operation and longer fabric service life.
- Cable Control Technology: For even faster installation and easy after-sales service.
- Obstacle detection: Enhanced safety and comfort as standard.
- The Harol Coolscreen 10 features Somfy's latest generation io control as standard. This highly efficient screen motor operates reliably day and night, in all weather conditions, and features an integrated Somfy io-home control receiver
- Coolscreen 10 uses the award-winning technology from the Coolscreen collection.

Maintenance

- The box and profiles should be cleaned regularly using lukewarm water and neutral soap, then rinsed with tap water. Do not use corrosive or aggressive products, scouring pads or other abrasives.

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Available fabrics and technical properties

	Sergé Ferrari					Copaco		
	Soltis Horizon 86	Soltis Perform 92	Soltis 7635	Soltis B92	Flexlight Lodge 6002	Sergé 5%	Sergé 1%	Sergé Blockout 600 Lunar
Type	Polyester	Polyester	Glass fibre	Polyester	Polyester	Glass fibre	Glass fibre	Glass fibre
Weight approx. (g/m ²)	380	420	515	650	630	525	620	678
Thickness approx. (mm)	0.43	0.45	0.73	0.60	0.55	0.74	0.80	0.73
Transmission of direct sunlight	14%	3%	5%	0%	0%	5%	1%	0%
Solar factor Gtot values	0.12 - 0.22	0.05 - 0.16	0.08 - 0.13	0.02 - 0.05	-	0.08 - 0.13	0.05 - 0.09	0.02 - 0.05



Coolscreen 7

Coolscreen 8

Coolscreen 8 Plus

Coolscreen 8 LED

Coolscreen 8 Solar

Coolscreen 10

STRUCTURE / DESIGN

Type	Surface-mounted	Surface-mounted	Surface-mounted	Surface-mounted	Surface-mounted	Flush-mounted
Max. width	3.5 m	6 m	6 m	6 m	6 m	6 m
Max. height	3.5 m	6 m	6 m	6 m	5 m	6 m
Max. surface area	9 m ²	24 m ²	24 m ²	24 m ²	24 m ²	24 m ²
Box	Rectangular / round	Rectangular / round	Rectangular	Rectangular	Rectangular	U-shaped, invisible
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 135 x 168 mm	110 x 143 mm 135 x 168 mm
Guide rail	Cable guide	Clickable, 1 type	Clickable, 1 type	Clickable, 1 type	Clickable, 1 type	Clickable/wide or narrow

OPERATION

io motor	Standard	Standard	Standard	Standard	Standard	Standard
Wired	Option	Option	Option	Option	N/A	Option
Manual (winch handle)	Option	Option	Option	Option	N/A	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	Up to Beaufort level 6
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OPTIONS

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

DURABILITY

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



Applications

Hospitality sector, hotels, homes, flats, care homes, etc.

Suitable for new-builds and passive and energy-neutral homes.



Warranty

5-year product warranty.



Controls

As standard, Harol's Coolscreen 10 is supplied with an io control device which can be connected to the io home control system for building automation. mouse-pointer io-homecontrol.com



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