

HAROL

WE BELIEVE IN NATURAL COOLING

Harol Coolscreen

Experience the next
generation sun protection

www.harol.com



red dot winner 2023

Enjoy your home without the heat.



Harol constantly moves forward. We unrelentingly innovate to develop energy-efficient solutions that create a refreshing indoor climate. Harol's Coolscreen collection is the right choice for anyone seeking comfort and durability. Our energy-efficient and minimalist designs deliver cooling and protection from the heat, whilst contributing to greater living comfort and natural daylight.

Find out all about the innovative Harol Coolscreen collection in this brochure and transform your living space into an oasis of comfort and pure enjoyment!

Annick Draelants

CEO Harol



Smarter.
Simpler.
Sustainable.



Energy-efficient & durable

The Harol Coolscreen collection delivers natural cooling in any building. Good for the environment as well as your energy bills!



Cool & comfortable

Keep your home cool and comfortable in summer and enjoy the low sun to the max in winter. Enjoy your Harol Coolscreen right throughout the year.



Stylish & functional

Planning a new build or renovation? Our award-winning screens perfectly blend in with any façade. One screen for any application and any project.



Innovative design

Go for innovative and award-winning design. The Harol Coolscreen collection has a minimalist eco-design with no visible screws.



1 collection, endless possibilities

Each Coolscreen type comes with its own unique features. Allowing you to choose which Coolscreen best suits your needs. What is more, each Coolscreen is fully custom-made for your project!



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**Experience unparalleled
comfort with Harol's
Coolscreen collection.**



Looking to regulate the intensity of sunlight and keep the heat out in a sustainable way? Harol's Coolscreen is the perfect choice. Our screens not only keep the heat out, they also offer protection from harmful UV rays and glare, whilst preserving natural light. Ideal for a comfortable and energy-efficient living environment.



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COOLSCREEN 7

Timeless elegance

Coolscreen 7: the perfect screen for corner windows and very narrow window profiles.



DURABILITY

- Long service life of fabrics thanks to X-glide technology (= anti-wear fabric technology)
- Tested up to 15,000 cycles
- Compliant with Wind resistance class 2 - EN13561
- Up to 9 m² of shaded area
- 5-year warranty



DESIGN & COMFORT

- Minimalist rounded or square box
- No visible screws on the outside
- No visible welding seam on the bottom lath
- Silent and durable operation thanks to X-glide technology
- From translucent to 100% blackout fabrics
- Wide range of personalisation options (fabric types, colours, controls, etc.)



INSTALLATION

- Fitted in front of the window; in the window opening or on the façade
- Ideal for new builds and renovations
- With cable guide (without zip system)
- Ideal for corner windows and very narrow window profiles
- Eco-design, clickable and using a minimum of parts ♻️

Type surface-mounted screen

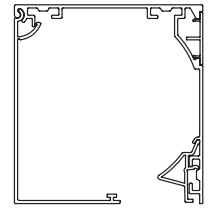
Max. width 3.5 m

Max. height 3.5 m

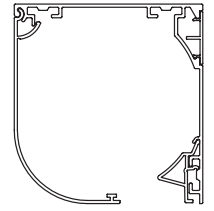
Max. surface area 9 m²

Box rectangular or round

Box dimensions 90 x 95 mm
110 x 115 mm / 135 x 140 mm



Round box



X-Glide technology for ultra-taut fabrics



Natural cooling.

Good for the environment as well as your energy bills.

Why Harol Coolscreen?

Smarter. Simpler. Sustainable

Carefree enjoyment for life

Harol Coolscreens stand for premium quality and classy design. Sustainably designed to deliver maximum and natural cooling to any building or home.

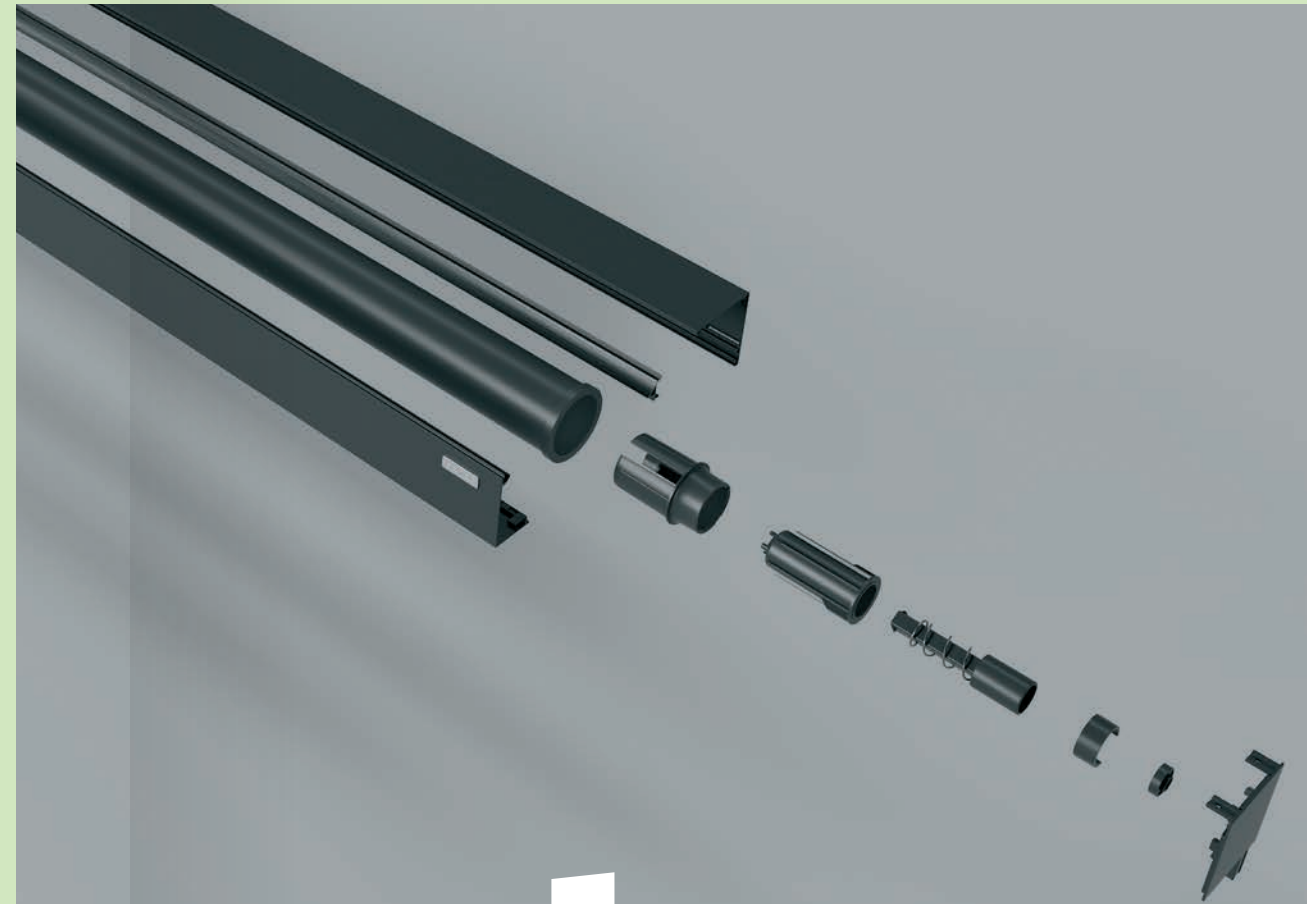
Good for your health, the environment as well as your energy bills.

Harol's Coolscreen collection guarantees optimal ease of use for a lifetime.


- Tested up to 15,000 cycles, equivalent to 41 years of opening and closing once a day
- Shaded area up to as much as 24 m²
- Silent operation thanks to the perfected Harol X-glide technology, which neutralises resonance in the box
- Sleek look thanks to screwless design and minimalist styling of box and guide rails
- Focus on eco-design without glue: with a minimum of parts for a maximum of applications
- Compliant with Wind class EN13561, Wind resistance class 3 = resistant to gusts of up to 6 Beaufort



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Smarter.



Harol Coolscreen's high-tech fabric acts as a natural barrier against the sun's rays, creates shade and reduces heat. Sun-blocking properties vary according to fabric type, colour and density. Harol Coolscreen ensures rooms can stay up to 10 degrees cooler than outdoors. This drastically reduces the consumption of active cooling such as air conditioning. A sustainable choice for comfort and the environment.

“

**Keep the heat
out with Harol
Coolscreen.**



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COOLSCREEN 8

Ultra compact screen

Coolscreen 8: the classic in minimalist design.



DURABILITY

- Long service life of fabrics thanks to X-glide technology (= anti-wear fabric technology)
- Tested up to 15,000 cycles
- Compliant with Wind resistance class 3 - EN13561
- Up to 24 m² of shaded area created
- 5-year warranty



DESIGN & COMFORT

- Minimalist rounded or square box
- No visible screws on the outside
- No visible welding seam on the bottom lath
- Silent and durable operation
- From translucent to 100% blackout fabrics
- Wide range of personalisation options (fabric types, colours, controls, etc.)



INSTALLATION

- Fitted in front of the window; in the window opening or on the façade
- New builds and renovations
- Patented zip system for extra-taut fabric and no light gap between fabric and lateral guides
- Eco-design, clickable and using a minimum of parts

Type surface-mounted screen

Max. width 6 m

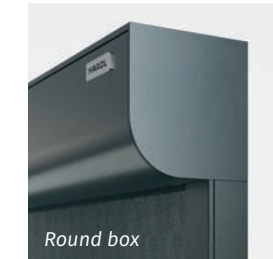
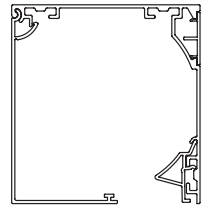
Max height 6 m

Max. surface area 24 m²

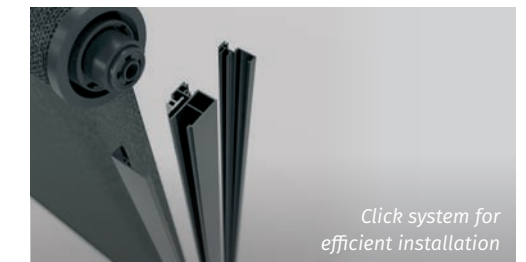
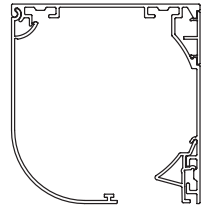
Box rectangular or round

Box dimensions 90 x 95 mm

110 x 115 mm / 135 x 140 mm



Round box



Click system for efficient installation



Natural cooling.

Good for the environment as well as your energy bills.

Why Harol Coolscreen?

Smarter. Simpler. Sustainable

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Coolscreen with LED lighting is an instant mood enhancer that increases safety in and around the home.

Increase safety around your home with Harol Coolscreen's integrated, energy-efficient LED lighting. In addition to providing a sense of safety, it also enhances the atmosphere and architectural appeal of your home, office or hospitality venue. Discover the versatility of Harol Coolscreen with LED lighting and enjoy natural cooling, safety and style all in one.



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COOLSCREEN 8 LED

Lighting with allure

Coolscreen 8 LED: atmosphere and safety with integrated LED lighting.



DURABILITY

- Long service life of fabrics thanks to X-glide technology (= anti-wear fabric technology)
- Tested up to 15,000 cycles
- Compliant with Wind resistance class 3 - EN13561
- Up to 24 m² of shaded area
- 5-year warranty



DESIGN & COMFORT

- Minimalist square box
- No visible screws on the outside
- No visible welding seam on the bottom lath
- Invisible bottom lath
- Silent and durable operation thanks to X-glide technology
- From translucent to 100% blackout fabrics
- Wide range of personalisation options (fabric types, colours, controls, etc.)
- Integrated, energy-efficient LED lighting in the box



INSTALLATION

- Fitted in front of the window; in the window opening or on the façade
- New builds and renovations
- Patented zip system for extra-taut fabric and no light gap between fabric and lateral guides
- Eco-design, clickable and using a minimum of parts

Type surface-mounted screen

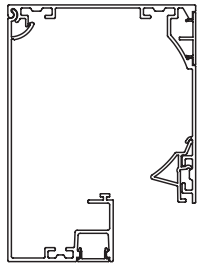
Max. width 6 m

Max height 6 m

Max. surface area 24 m²

Box rectangular

Box dimensions 90 x 123 mm
110 x 143 mm / 135 x 168 mm



Dimmable LED lighting



Innovative technology



Natural cooling.

Good for the environment as well as your energy bills.

Why Harol Coolscreen?

Smarter. Simpler. Sustainable

“
Enjoy pure
privacy thanks
to the Harol
Coolscreen collection.”

In addition to providing comfort and protection from heat, Harol Coolscreen creates an effective barrier against prying eyes. Enjoy privacy and tranquillity in your living spaces, while maintaining natural light and a pleasant atmosphere. Choose Harol Coolscreen and increase your privacy with style.



Screens are a versatile solution that can be applied to different types of buildings, from homes to offices, schools, retirement homes and hospitality venues. Harol Coolscreen delivers suitable solutions for all types of projects. With a wide range of stylish designs, colours and materials, Harol Coolscreen can be seamlessly integrated into any type of architecture. Enjoy comfort, sun protection and a sophisticated look, whatever the type of building.



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Experience the comfort of natural cooling and transform any room to suit your needs.



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COOLSCREEN 8 PLUS

Aesthetic boundaries redefined

Coolscreen 8 Plus: pure and ultra sleek design.



DURABILITY

- Long service life of fabrics thanks to X-glide technology (= anti-wear fabric technology)
- Tested up to 15,000 cycles
- Compliant with Wind resistance class 3 - EN13561
- Up to 24 m² of shaded area
- 5-year warranty



DESIGN & COMFORT

- Minimalist rectangular box
- No visible screws on the outside
- No visible welding seam on the bottom lath
- Invisible bottom lath
- Silent and durable operation thanks to X-glide technology
- From translucent to 100% blackout fabrics
- Wide range of personalisation options (fabric types, colours, controls, etc.)



INSTALLATION

- Fitted in front of the window; in the window opening or on the façade
- New builds and renovations
- Patented zip system for extra-taut fabric and no light gap between fabric and lateral guides
- Eco-design, clickable and using a minimum of parts ♻️

Type surface-mounted screen

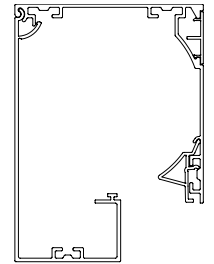
Max. width 6 m

Max height 6 m

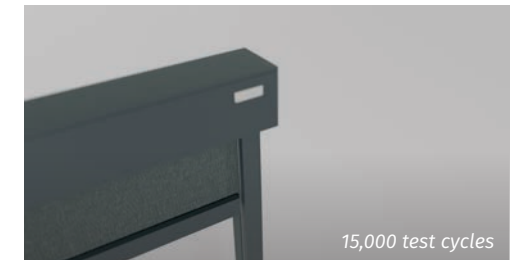
Max. surface area 24 m²

Box rectangular

Box dimensions 90 x 123 mm
110 x 143 mm / 135 x 168 mm



Axis control system



15,000 test cycles



Natural cooling.

Good for the environment as well as your energy bills.

Why Harol Coolscreen?

Smarter. Simpler. Sustainable

Simplicity makes choosing easier

Harol has the perfect Coolscreen for every home and architectural style. Pick your favourite colour and options. Always with the promise of premium quality and high-end design.

Simpler.





Harol Coolscreen is reputed to be the most durable screen on the market, with a minimal number of parts. But what also sets this screen apart is its distinctive screwless design. The minimalist design and seamless finish not only make for an aesthetically pleasing appearance, but also contribute to easy installation and ease of maintenance. There is good reason why Harol Coolscreen received the prestigious Red Dot Award for product design.



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“

**Minimalistic design.
Great performance.**



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COOLSCREEN 8 SOLAR

100% smart and sustainable

Coolscreen 8 Solar: runs on 100% free solar energy.



DURABILITY

- Long service life of fabrics thanks to X-glide technology (= anti-wear fabric technology)
- Tested up to 15,000 cycles
- Compliant with Wind resistance class 3 - EN13561
- Powerful 2.2 Ah battery / 3 hours charging time
- Up to 12 m² of shaded area
- 5-year warranty, 7-year warranty on battery, motor and solar panel




DESIGN & COMFORT

- Minimalist square box
- No visible screws on the outside
- No visible welding seam on the bottom lath
- Invisible bottom lath
- Silent and durable operation
- From translucent to 100% blackout fabrics
- Wide range of personalisation options (fabric types, colours, controls, etc.)



INSTALLATION

- No structural intrusions. Works without electricity.
- Fitted in front of the window; in the window opening or on the façade
- New builds and renovations
- Patented zip system for extra-taut fabric and no light gap between fabric and lateral guides
- Eco-design, clickable and using a minimum of parts 

Type surface-mounted screen

Max. width 4 m

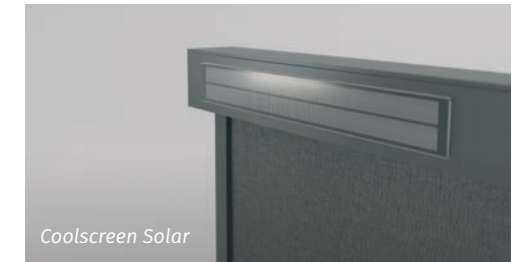
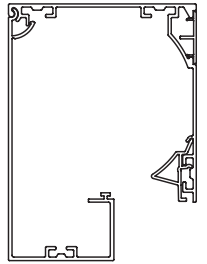
Max height 3 m

Max. surface area 12 m²

Box rectangular

Box dimensions

90 x 123 mm / 110 x 143 mm



Coolscreen Solar



Natural cooling.

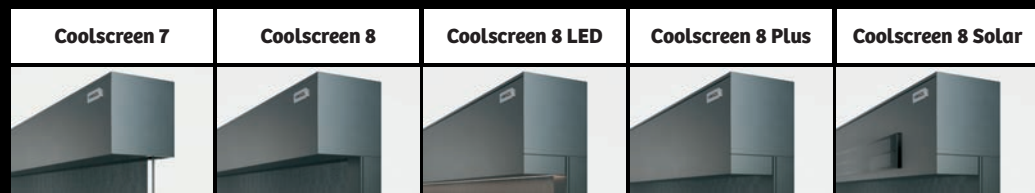
Good for the environment as well as your energy bills.

Why Harol Coolscreen?

Smarter. Simpler. Sustainable



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ASSEMBLY TYPE

	Coolscreen 7	Coolscreen 8	Coolscreen 8 LED	Coolscreen 8 Plus	Coolscreen 8 Solar
Box dimensions (D x H) in mm	90 x 95 / 110 x 115 135 x 140	90 x 95 / 110 x 115 135 x 140	90 x 123 / 110 x 143 135 x 168	90 x 123 / 110 x 143 135 x 168	90 x 123 / 110 x 143
Installation	in front of the window, no thermal bridge break	in front of the window, no thermal bridge break	in front of the window, no thermal bridge break	in front of the window, no thermal bridge break	in front of the window, no thermal bridge break
Construction project	new build / renovation	new build / renovation	new build / renovation	new build / renovation	new build / renovation

SHADED AREA

	Coolscreen 7	Coolscreen 8	Coolscreen 8 LED	Coolscreen 8 Plus	Coolscreen 8 Solar
Screen surface (W x H) in mm	3500 x 3500	6000 x 6000	6000 x 6000	6000 x 6000	4000 x 3000
Maximum surface area	9 m ²	24 m ²	24 m ²	24 m ²	12 m ²
Increase surface area with coupling system	Yes	Yes	Yes	Yes	n/a

DESIGN

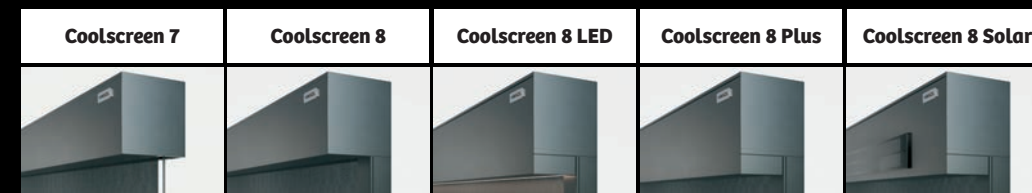
	Coolscreen 7	Coolscreen 8	Coolscreen 8 LED	Coolscreen 8 Plus	Coolscreen 8 Solar
Box	round or square	round or square	rectangular	rectangular	rectangular
Bottom lath (D x H)	26 x 37 / partly invisible	26 x 37 / partly invisible	26 x 37 / not visible	26 x 37 / not visible	26 x 37 / not visible
Bottom lath welding seam	Not visible	Not visible	Not visible	Not visible	Not visible
Screws	Not visible	Not visible	Not visible	Not visible	Not visible
LED lighting	n/a	n/a	Yes	n/a	n/a
300 RAL colours (satin, matt and textured)*	Standard	Standard	Standard	Standard	Standard
Red Dot Product Design Award	Yes	Yes	Yes	Yes	Yes

COMFORT

	Coolscreen 7	Coolscreen 8	Coolscreen 8 LED	Coolscreen 8 Plus	Coolscreen 8 Solar
io operation (2-way communication)	Standard io motor	Standard io motor with obstacle detection	Standard io motor with obstacle detection	Standard io motor with obstacle detection	Standard Solar io motor
RTS operation (1-way communication)	Optional	Optional	Optional	Optional	Optional
Push button	Optional	Optional	Optional	Optional	Optional
Winch handle	Optional	Optional	n/a	Optional	n/a
Home automation / sensors (wind, rain, sun)	Optional	Optional	Optional	Optional	Optional
Natural cooling**	Yes	Yes	Yes	Yes	Yes

* satin = brilliancy 70%, matt = brilliancy 30%, textured paint = (fine) grain without brilliancy

** Impact on indoor temperature depends on individual variables such as window type, fabric, building location, window orientation and outdoor temperature.



COMFORT (CONTINUED)

	Coolscreen 7	Coolscreen 8	Coolscreen 8 LED	Coolscreen 8 Plus	Coolscreen 8 Solar
Mosquito repellent	n/a	Yes	Yes	Yes	Yes
Natural ventilation	Yes	Yes	Yes	Yes	Yes
UV-resistant (protects against furniture discolouration)	Yes	Yes	Yes	Yes	Yes
Blackout fabric for bedroom	n/a	Optional	Optional	Optional	Optional
LED lighting (a.o. safety enhancing)	n/a	n/a	Yes	n/a	n/a

DURABILITY

	Coolscreen 7	Coolscreen 8	Coolscreen 8 LED	Coolscreen 8 Plus	Coolscreen 8 Solar
Warranty	5 years	5 years	5 years	5 years	5 years on parts 7 years on motor, battery and solar panel
In compliance with Wind class EN13561 (6 Beaufort)	2	3	3	3	3
Fabric wear	X-Glide Technology	X-Glide Technology	X-Glide Technology	X-Glide Technology	X-Glide Technology
Tested up to 15,000 cycles	Yes	Yes	Yes	Yes	Yes
CE label	Yes	Yes	Yes	Yes	Yes
Solar energy	n/a	n/a	n/a	n/a	Yes
Energy-neutral building / passive construction	Yes	Yes	Yes	Yes	Yes
Building energy performance	Positive impact	Positive impact	Positive impact	Positive impact	Positive impact

INNOVATIVE HAROL TECHNOLOGY

	Coolscreen 7	Coolscreen 8	Coolscreen 8 LED	Coolscreen 8 Plus	Coolscreen 8 Solar
Axis Control	Safe transport	Safe transport	Safe transport	Safe transport	Safe transport
Guide rail	Cable guide	Clickable, 1 type	Clickable, 1 type	Clickable, 1 type	Clickable, 1 type
Cable Control Technology	Greater efficiency during installation and repairs	Greater efficiency during installation and repairs	Greater efficiency during installation and repairs	Greater efficiency during installation and repairs	Greater efficiency during installation and repairs
X-Glide Technology	Quieter screen / fabrics last longer	Quieter screen / fabrics last longer	Quieter screen / fabrics last longer	Quieter screen / fabrics last longer	Quieter screen / fabrics last longer
Eco-design	Minimum number of parts, no glueing	Minimum number of parts, no glueing	Minimum number of parts, no glueing	Minimum number of parts, no glueing	Minimum number of parts, no glueing

“

Enjoy natural
daylight with
Harol Coolscreen.

Solar shading strikes the perfect balance between daylight and glare protection, prevents overheating and UV damage, and minimises dependence on artificial cooling. The synergy between natural daylight and thoughtful solar shading is the key to creating healthy, comfortable and energy-efficient indoor spaces. This allows us to embrace the benefits of daylight without compromising on well-being and sustainability.



“
**Ultra-taut fabrics,
 even under extreme
 temperatures.**

Benefits of Harol screen fabrics:

- **Blocking interfering light incidence:** Sun protection fabrics reduce the intensity of bright sunlight, creating a more pleasant indoor climate.
- **Full blackout at night:** Special fabrics deliver complete darkness in bedrooms for instance, where people tend to prefer privacy and a dark setting.
- **Maintaining visual contact with the outside world:** Sun protection fabrics deliver a good balance between blocking unwanted sunlight and maintaining visual contact with the outside world, allowing you to enjoy natural light and views without overheating.
- **Blocking UV rays:** Sun protection fabrics offer effective protection against harmful UV rays, protecting both your interior and yourself from discolouration and the harmful effects of UV radiation.
- The performance of sun protection fabrics varies depending on the type of fabric and colour, as well as the type of glass used in the windows. Carefully choose the right sun protection fabric to suit your specific needs and enjoy the many benefits of light regulation, privacy and protection from UV rays.

From translucent to 100% blackout, discover our high-tech fabrics

	Serge Ferrari			copaco screenweavers		
	Soltis Horizon 86	Soltis Perform 92	Soltis Opaque B92	Serge 600	Serge 1%	Serge Block- out Lunar
Type	Polyester	Polyester	Polyester	Glass fibre	Glass fibre	Glass fibre
Transmission of direct sunlight	14%	3%	0% (ideal for the bedroom)	5%	1%	0% (ideal for the bedroom)
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


* The lower the G value, the higher the thermal insulation.



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Sustainable across the board

A Harol Coolscreen brings a sustainable and innovative product to your home. Harol adheres to the highest quality standards, ensuring you can keep your home cool responsibly for a lifetime. Sustainable entrepreneurship has been firmly embedded in our DNA since 1946.

- The Harol Coolscreen collection is manufactured using 100% green wind energy from our own wind turbine 
- Harol Coolscreen was designed according to eco-design principles using a minimum of parts and no glueing
- Harol recycles 99% of its waste, for which we work closely with the Harol distribution network and our suppliers
- Harol uses recycled water at its production facilities
- Harol Coolscreen is painted at an environmentally friendly powder-coating plant, which operates a water recycling system

Sustainable.

Mix & match your colours



FABRICS

We offer a wide choice of high-tech fabrics that provide optimum sun protection and ensure outside visibility according to your needs.

- Choice of polyester or glass fibre fabrics
- Maximum UV protection
- Water-repellent
- Dirt repellent
- Choice of blackout fabrics
- Wide range of colours and patterns
- Manufactured at our own workshop

BOX & PROFILES

- The aluminium boxes and guide rails are painted at our own environmentally friendly powder-coating plant
- Available in over 300 RAL colours and a wide range of textured paints at the standard price



“ Smart screens without a care

Operate your Harol Coolscreen using your smartphone or tablet and always have full control over your screens, wherever you are. And that's not all! Harol's smart sensors allow your screens to automatically respond to changes in weather conditions, thereby maximising their efficiency. Whether it is sunlight or wind, your screens adjust automatically, without you having to think about it yourself. Enjoy convenience and peace of mind with Harol screens.

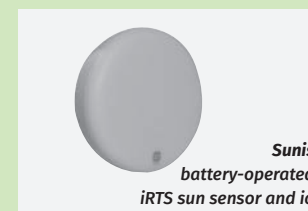
Optimum comfort



Operated using an app
on your smartphone

Linking with
Tahoma Switch

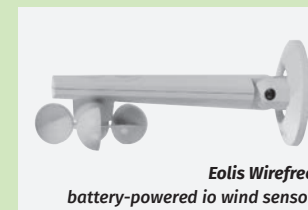
Can be linked to other products
in your home (Google Home)



Sunis
battery-operated
iRTS sun sensor and io



Soliris
io wind and sun sensor
with fixed wiring



Eolis Wirefree
battery-powered io wind sensor



Tahoma Switch Box

Weather sensors ensure that your screens open or close automatically depending on the light intensity or wind speed.

We believe in natural cooling

Harol's mission is to create a world where comfort and sustainability go hand in hand. With global warming and increasingly more frequent heatwaves, we are committed to delivering a pleasant and cool living environment without burdening the planet.

Our high-quality sun protection solutions, shutters and pergolas are especially designed to transform any space into the ideal situation, tailored to your needs. Going for our innovative solutions not only sees you reduce your energy consumption but also contribute to a green future.

Now more than ever, natural cooling is the best solution to enjoy your terrace, home and work space in a responsible and energy-efficient manner.

Harol has been pioneering natural cooling since 1946.



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Together with Go Forest,
Harol is working towards
a sustainable world.



Building a green future together

Harol is keen to help build a better, more environmentally friendly world. Which is why we have partnered with Go Forest to plant trees in places where they will have an impact. From Peru to Madagascar, our trees help to safeguard the environment and biodiversity. In doing so, we also make a difference to local people. We believe that every step can make a difference.



Why choose Harol?

100% guaranteed quality

Harol is a leading manufacturer of sun protection solutions, roller shutters and terrace awnings in Europe. Harol delivers pure Belgian craftsmanship, with an eye for detail and design. With over 75 years' experience, we can ensure that our sustainable solutions meet the most stringent quality requirements, which is why we are proud to be able to offer a five-year warranty. Harol means natural cooling at its best.

Installation by experts

Harol dealers are required to take practical training sessions at our own Harol Academy to keep up with the latest innovations and to keep their product knowledge up-to-date. This enables them to advise you on the right choice of product, and to then expertly install your chosen solution.

HAROL
ACADEMY

Full service from start to finish

Our Harol dealers are on hand to advise and assist. And after installation, so is our service department. Because having correct maintenance tips allows you to keep enjoying your Harol solution for years to come.

- Advice to help you pick the right solution for you
- 100% made-to-measure
- Fitted by professional dealers
- After-sales service
- 5-year quality warranty



Make an appointment with your local Harol dealer

Looking for a custom sun protection solution for your home? Your Harol dealer will be happy to offer specialist advice.

For more details and Harol dealers in your local area, go to www.harol.com.





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Sun protection - Roller shutters - Terrace awnings


HAROL


WE BELIEVE IN NATURAL COOLING

 harolworldwide

 harolworldwide

 company/harol-worldwide

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