

EN

DISCOVER SOLARSCREEN WINDOW FILMS

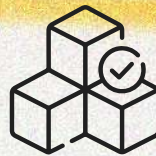
SOLAR SCREEN: YOUR EXPERT IN ADHESIVE WINDOW FILMS

At Solar Screen, we are committed to providing high-quality solutions that enhance energy efficiency, security, and the aesthetics of buildings.



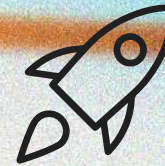
EXPERIENCE AND EXPERTISE

With nearly four decades of experience, we have developed unparalleled expertise in the field of adhesive window films.



EXTENSIVE INSTALLER NETWORK AND EUROPE-WIDE AVAILABILITY

Thanks to our extensive network of qualified installers, we ensure fast and professional film installation throughout Europe. This guarantees a responsive local service, no matter where you are.



CONTINUOUS INNOVATION

We continuously invest in research and development to offer increasingly efficient and environmentally friendly products.



MARKET LEADER

More than 6 million square meters of film are sold each year, reflecting the trust and satisfaction of our customers.



ECO-FRIENDLY

Solar Screen is certified as a CO2-neutral import logistics company. 100% of CO2 emissions from import transportation are now offset.



CONTENTS

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SOLAR CONTROL FILM

Optimize energy efficiency while reducing your building's carbon footprint.

12

SECURITY FILM

Invisible protection to reinforce your glazing.

14

DESIGN FILM

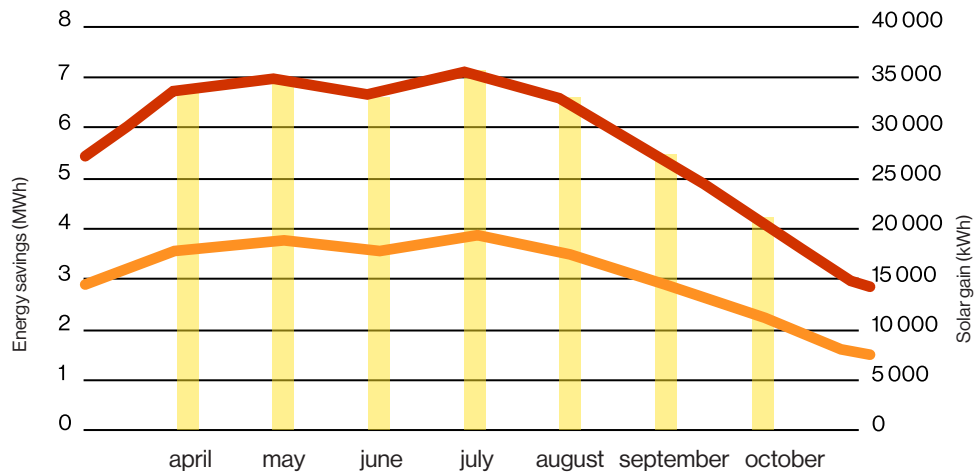
Elegantly customize your spaces.

Solar films

Our solar films are designed to provide exceptional energy performance by effectively reducing heat penetration through windows. They decrease reliance on air conditioning systems, leading to significant

cooling cost reductions. By limiting the need for air conditioning, our solar films not only help lower energy bills but also reduce your building's carbon footprint while maintaining a comfortable indoor temperature.

WHY INSTALL SOLAR FILM?



The calculation is based on an average building equipped with clear double-glazed windows, exposed to the east, south, and west. The building is heated in winter by a heat pump (SCOP = 3.5) and cooled in summer by air conditioning (SEER = 3). The energy mix is then adjusted according to the reference country.

This chart illustrates how the film reduces solar gains, leading to significant savings in air conditioning costs:

- **Red curve:**

Represents solar heat gain without film, showing the amount of solar energy entering through the window.

- **Orange curve:**

Represents solar heat gain with the film, demonstrating a drastic reduction in heat.

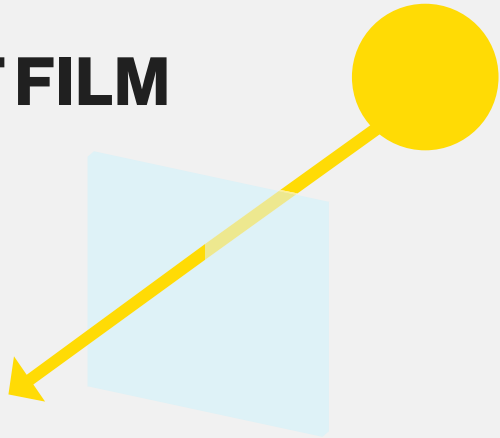
- **Yellow columns:**

Illustrate monthly energy savings, showing reduced air conditioning costs.

WINDOW WITHOUT FILM



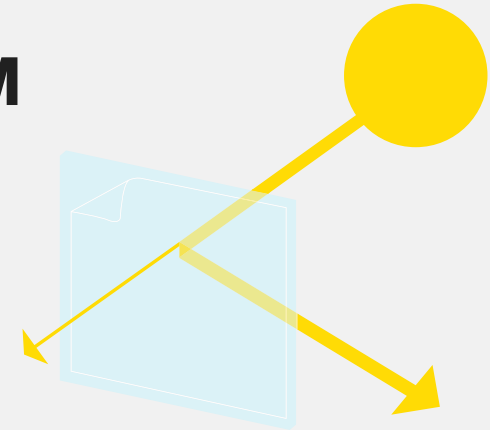
interior
too hot



WINDOW WITH FILM



interior
cooler



**The solar film helps reduce heat,
while generating energy and financial savings:**



LESS HEAT

The films reduce the amount of solar heat entering by up to 85%.



ENERGY SAVINGS RELATED TO AIR CONDITIONING

The yellow bars show monthly energy savings, totaling up to 43 MWh per year for 500 m² of windows.

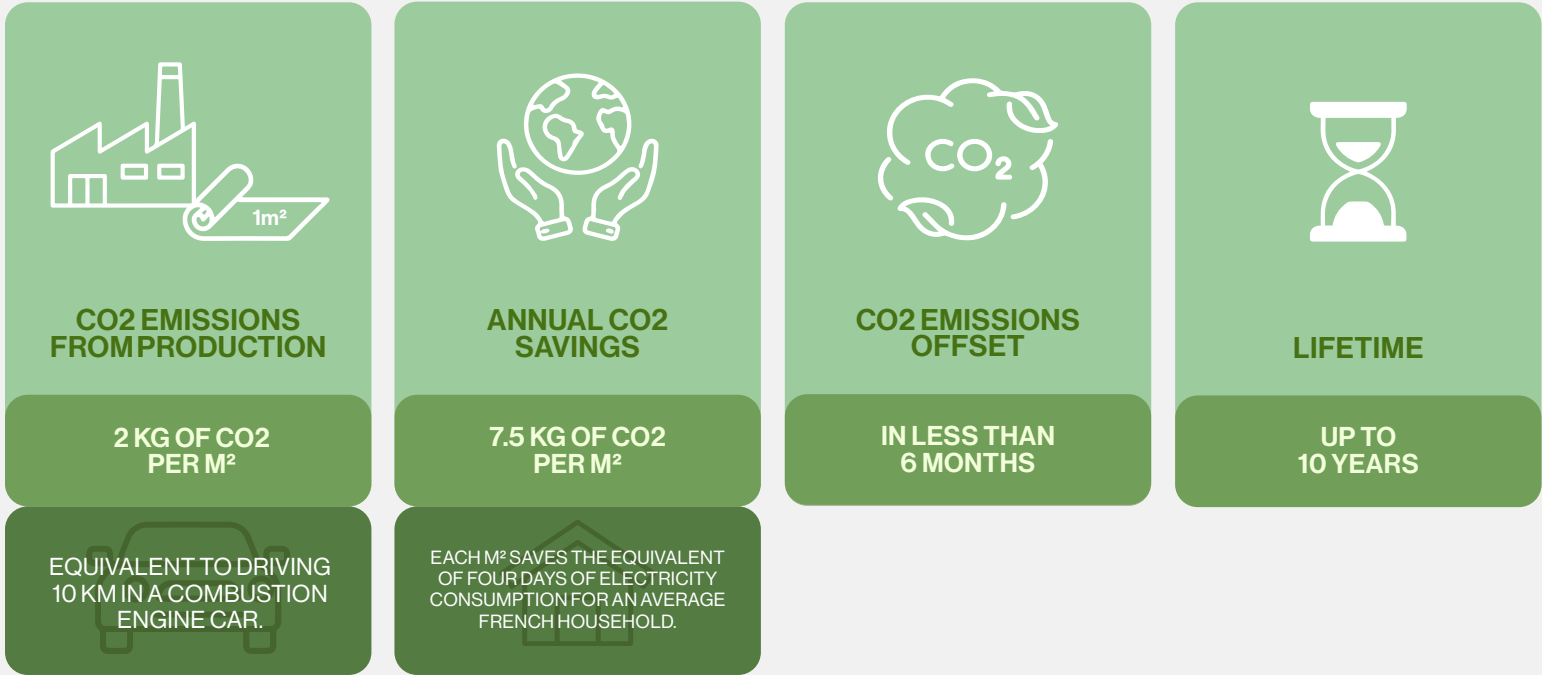


FINANCIAL SAVINGS

By reducing air conditioning needs, our films enable significant energy bill savings. The graph shows potential savings of approximately €10,000 per year.

Reduce Your Energy Consumption with Our Solar Films

Solar Screen solar control films do more than block heat and UV rays; they are also a smart investment for significant energy savings and reduced carbon footprint. Here's how they optimize energy costs while being environmentally responsible.



The Long-Term Benefits of Our Solar Films

Analysis by Carbon Quota confirms that our solar films neutralize their emissions in less than six months. Within three years (ROI), energy savings cover installation costs. Over a 10-year period, they provide sustainable, eco-friendly performance.





SIMULATE YOUR SAVINGS WITH
OUR ENERGY CALCULATOR



Our range of solar films:

TRANSPARENT FILMS



**External
installation**

Clarity



**Internal
installation**

Multiglass
Spectra

MIRROR FILMS



**External
installation**

Chrome
Silver



**Internal
installation**

Silver

NEUTRAL FILMS



**External
installation**

Titane
Nickel
Natural



**Internal
installation**

Steel

COLORED FILMS



**External
installation**

Azur
Green
Bronze
Copper



**Internal
installation**

Gold
Blue
Bronze
Green

ONE-WAY MIRROR FILMS



**External
installation**

Vista XC



**Internal
installation**

Vista C

SPECIALIZED FILMS



**Fading
delay film**

Total
Neutral
Clear



**Thermal
insulation**

Solar



Polycarbonate

Total
Neutral
Clear



Photochromic

Eclipse

TRANSPARENTS FILMS

These films provide high transparency while effectively filtering solar rays. They offer heat protection without affecting visibility.



**External
installation**

Clarity



**Internal
installation**

Multiglass
Spectra



MIRROR FILMS

Mirror films offer an effective solution for rejecting heat while ensuring optimal privacy through their reflective surface. Ideal for both exterior and interior installations, they block solar rays and reduce glare.



**External
installation**

Chrome
Silver



**Internal
installation**

Silver



NEUTRAL FILMS

Neutral films are perfect for those seeking a discreet and effective solution. They reduce heat and glare while maintaining a natural, non-reflective appearance.

External installation

Titane
Nickel
Natural

Internal installation

Steel



COLORED FILMS

Add a touch of color to your glazing while enjoying optimal solar protection. These colored films enhance aesthetics while reducing heat.

External installation

Azur
Green
Bronze
Copper


Internal installation


Gold
Blue
Bronze
Green



ONE-WAY MIRROR FILMS

These films offer a one-way mirror effect, allowing you to see outside without being seen. They are particularly effective in ensuring privacy while still allowing light to enter.

 **External installation**
Vista XC


 **Internal installation**
Vista C



SPECIALIZED FILMS

These films meet specific needs such as protection against fading, thermal insulation, or applications on polycarbonate. They provide highly technical solutions tailored to various environments.

 **Fading retardant film**
Total
Neutral
Clear

 **Thermal Insulation**
Solar

 **Polycarbonate**
Master
Metalux Plus
Artika-X

 **Photochromic**
Eclipse



DISCOVER THE FULL RANGE AND THEIR TECHNICAL FEATURES:

Security and Protection Films

With our films, a 4 mm single-glazed window becomes as secure as a 9 mm laminated glass.

Security films are designed to enhance the strength of window, providing increased protection against accidental breakage, attempted intrusions, and acts of vandalism.

These films are essential for environments where security is a priority, such as offices, shops, schools, and private residences.

Why choose our security films?



EDUCATION AND HEALTH

Protect students and patients from glass shards and acts of vandalism. Our films strengthen window, reducing the risk of injury.



PUBLIC SPACES AND TRANSPORTATION

Reinforce window against acts of vandalism and accidents. Ideal for trains, buses, and public spaces, our films minimize repair costs.



MAXIMUM SECURITY FOR SENSITIVE SITES

Protect embassies and sensitive locations from explosions and attacks. Our films are certified to withstand impacts and explosions.



FOOD INDUSTRY

Compliant with food safety standards, our films prevent glass shards from contaminating products, ensuring maximum safety.

Certifications and Warranty:

Our security films are certified and guaranteed according to international standards, ensuring optimal protection:



M1
FIRE
RESISTANCE
RATING



EN12600
IMPACT
PROTECTION



EN 45545-2
RAILWAY
STANDARD



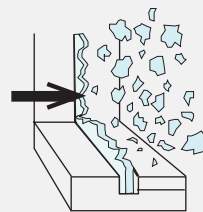
EN 13541-ER1
EXPLOSION
RESISTANCE



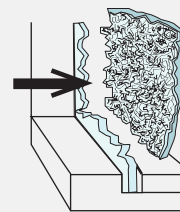
24/24 7/7
EFFECTIVE FILM AT
ALL TIMES, WITH A
WARRANTY OF UP
TO 12 YEARS



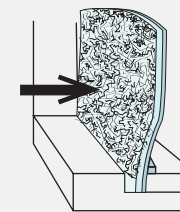
EN 356
BURGLARY
RESISTANCE



STANDARD WINDOW
WITHOUT FILM




WINDOW WITH FILM,
WITHOUT SEALING





WINDOW WITH FILM
+ SEALING

Our range of Security Films:
Invisible Barrier, Unbeatable Protection


SECURITY


 **Prevention**
Clear 4/7

 **Protection**
Clear 8/12

 **Bomb Blast**
Clear 17

ANTI GRAFFITI

 **Standard**
Protect 4/6


 **Long term**
Clear 4XCG

SPECIALTY

 **Combination**
Silver 480
Silver 880
Neutral 440

 **Anti High
Frequency**
NS50
CU20

 **Anti Fog**

 **Emergency
Glass Repair**
Secur 4

Design Films

The range of design films:

Our range of design films offers a variety of aesthetic solutions to customize and enhance spaces. Whether it's creating privacy, transforming the look of a room, or


adding an artistic touch, these films provide endless options to meet your decorative and functional needs.


PRIVACY

29 FILMS

 **Mat PVC base**

 **Mat PET base**


 **E-film**

 **Screen Privacy**

 **Black-Out**

DECORATIVE

42 PATTERNS

 **Abstract**


 **Printing**

 **Gradation**

 **Lines**

COLOURED

14 COLORS

 **Dichroic**

 **Mat**

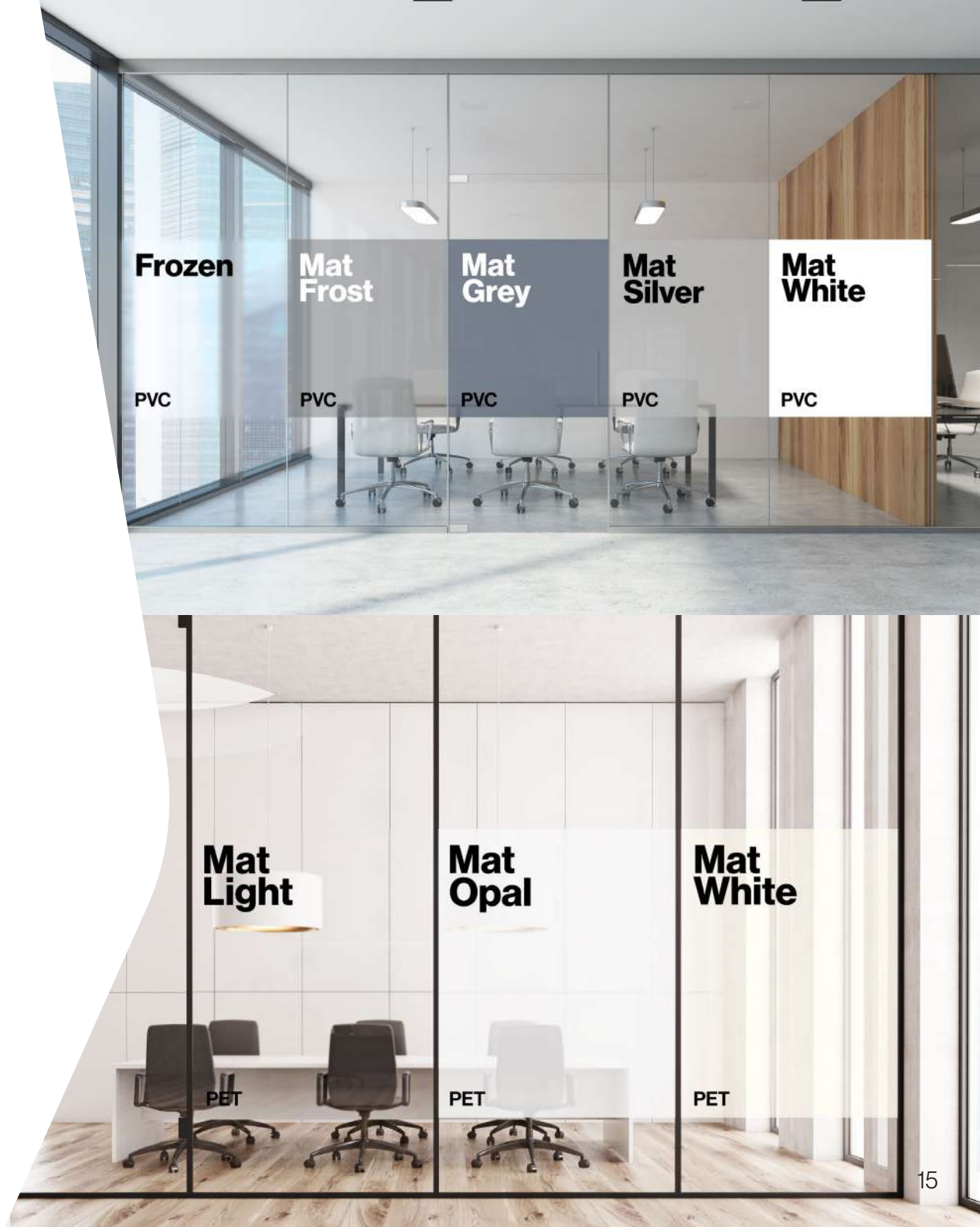
 **Transparent**

MAT FILMS for elegant privacy

PVC and PET-based privacy films are matte films specifically designed to provide optimal privacy while adding an elegant touch to your spaces.

Their matte finish diffuses light while preventing prying eyes, making these films ideal for offices, meeting rooms, and other environments where confidentiality is essential.

These films come in various finishes, catering to different aesthetic and functional needs.



E-FILM

Privacy on demand

E-FILM is a high-tech PET film that allows you to control the opacity of your glass surfaces instantly. Thanks to its electro-optic properties, this film can switch from a transparent to an opaque state with the push of a button on a remote or switch.

E-FILM offers an elegant solution for achieving discretion and privacy on demand, while maintaining a modern aesthetic.

THE BENEFITS



DISCRETION

Decide when you want to be seen or not, both day and night.



CONTROL

Easily switch from transparent to opaque with a remote control, a switch, or via a smartphone app.



LOW CONSUMPTION

Operates with very little energy.



LONG LIFESPAN

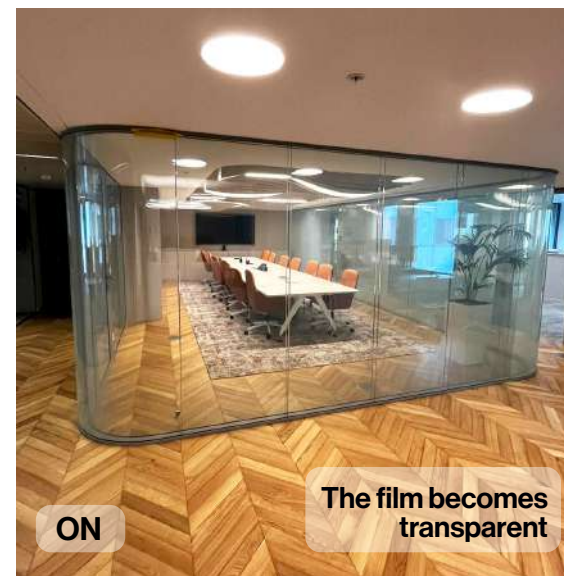
Made with high-quality standards to ensure long-lasting durability.

QUICKLY ACCESS A VIDEO
DEMONSTRATION TO SEE
THE E-FILM IN ACTION:



OFF

The film is
opalescent



ON

The film becomes
transparent

Protect your screens with DATA JAMMER

The Data Jammer is an adhesive film that uses a polarizing filter to block the visibility of screens through windows, while maintaining the transparency of the glass. It effectively protects sensitive information from prying eyes, ensuring complete confidentiality in your workspaces.

THE BENEFITS:



ENHANCED CONFIDENTIALITY

Prevents outsiders from seeing the computer screens through the windows, thus protecting sensitive information.



VERSATILE PROTECTION

Ideal for offices, meeting rooms, and any space requiring enhanced data security.



PRESERVED VISIBILITY

Maintains discreet outside visibility while blocking unwanted views, allowing natural light to pass through without compromising privacy.



**WITH
DATA JAMMER**

**WITHOUT
DATA JAMMER**

QUICKLY ACCESS A VIDEO
DEMONSTRATION TO SEE THE DATA
JAMMER IN ACTION:



Transform your Spaces with Decorative and Colored Films

Decorative films are designed to personalize and enhance your glass surfaces. Available in over 50 patterns, these films add a unique artistic touch to any space, whether it's offices, storefronts, or residences. With options including artistic patterns, clean lines, and pops of color, our films allow you to create elegant atmospheres that reflect your style and needs.

GRADATION
[MYSTIC]



GRADATION
[SCALE]



ABSTRACT
[CLASSIC]



ABSTRACT
[RIPPLE]



ABSTRACT
[BRAIN]



ABSTRACT
[DECORUM]



AURORA
[SUMMER]



AURORA
[WINTER]



LINES
[STRUCTUR]



ABSTRACT
[JUNGLE]



ABSTRACT
[KALEIDOSCOPE]



LINES [VOGUE]

DISCOVER THE FULL
DESIGN COLLECTION:



SOLARSCREEN.EU
INFO@SOLARSCREEN.EU



DISCOVER OUR BRANDS

