



**SOLAR SCREEN**  
**SOLAR CONTROL**

SMART SOLAR SOLUTIONS

EDIFICIO MILLENIUM AVORIS - MADRID | 2000M<sup>2</sup> CHROME 285XC  
by Grupo Prosol

**THERMAL COMFORT AND ENERGY SAVING**

**SOLAR CONTROL RANGE**





## VALENCE AIRPORT - CHROME 285 XC

Glass, synonymous with transparency, clarity and elegance, remains an essential element for bringing light to life in work spaces, homes, public places or commercial spaces.

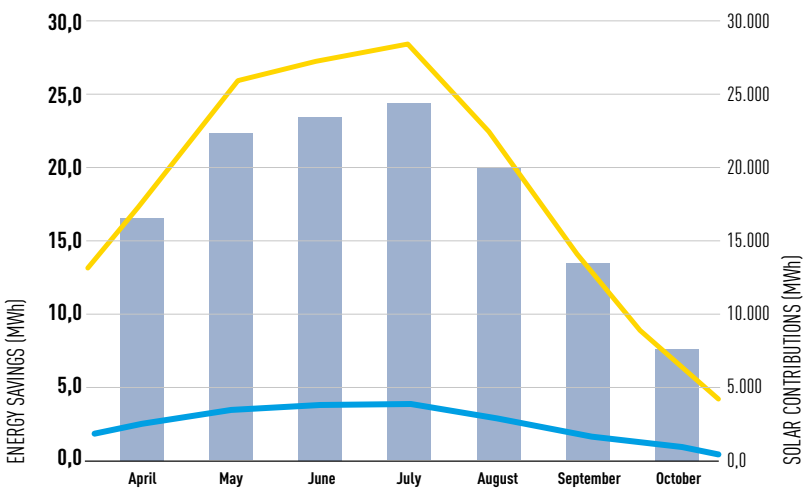
However, it is a poorly insulating and fragile material. In order to allow you to enjoy natural light without suffering from its inconveniences, we invite you to discover our solar control range.

### SOLAR CONTROL RANGE

It includes the latest innovations available on the market for all your problems (heat, glare, privacy, energy saving, security, ...).

Our metallized and nanoparticle ceramic films make a significant contribution to reducing the use of air-conditioning systems and thus reduce greenhouse gas emissions.

## GLAZING (4 - 15 ARGON - 4) EQUIPPED WITH CHROME 285 XC - 500 m<sup>2</sup> - THERMAL COMFORT



The solar gains before the installation of a film, indicated by the yellow curve, decrease drastically as soon as a film is installed (blue curve). The bars indicate the energy savings month after month. Here the total saving would be 87.6 MWh per year for 500 m<sup>2</sup> of North-East and North-West facing glazing, or approximately 13 929€ at the 2022 rate.

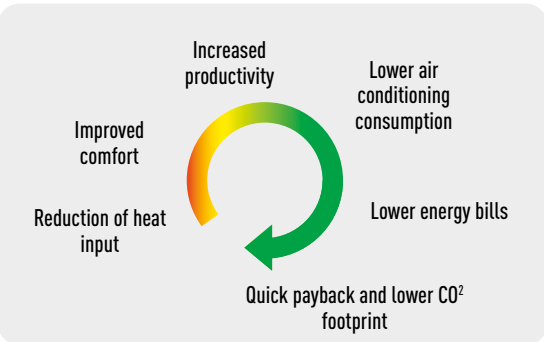
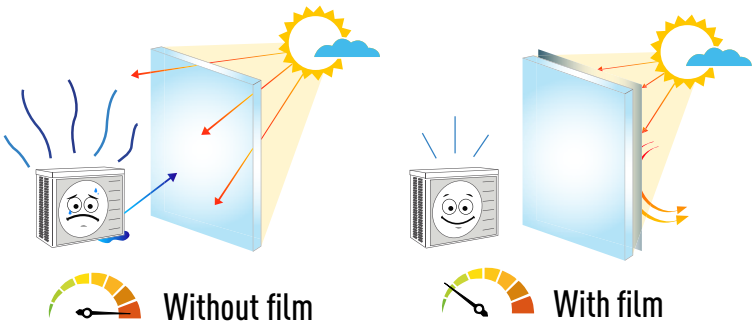
### Addition of a Chrome 285 XC film

- Air conditioning requirement
- Solar gains without film (MWh)
- Solar contribution with film (MWh)

Energy calculator



## VISUAL COMFORT AND ENERGY SAVINGS



# 2.5 YEARS!

RETURN ON INVESTMENT FROM



DISCOVER OUR SOLAR FILMS  
SCAN ME

-1° =  
/-11% INCREASE IN ENERGY COSTS

Free test installation (subject to conditions)

## CHROME 285 XC

### CHROME 285 XC

Its beautiful glossy appearance gives it a clear, one-way mirror effect, identical to that of coated glass, and protects you from prying eyes and glare.



## CHROME 270 XC

### CHROME 270 XC

Effective against heat and glare, this film is an ideal compromise for northern regions where more light.



## CLARITY 245 XC

### CLARITY 245 XC

Reduces solar heat while retaining a great deal of natural light. In addition, its appearance presents a neutral design for your facades and thus preserves a good the view into the interior.



## SPECTRA 333 XC

### SPECTRA 333 XC

This ultra transparent and innovative film, with its 10-year vertical guarantee, all without the need for sealing due to its nano-ceramic composition, deserves our full attention. Indeed, its 76% visible light transmission makes it a virtually INVISIBLE film!





CHROME 285 XC



CHROME 270 XC



CLARITY 245 XC



SPECTRA 333 XC

Technical information  
Glass on 4mm

- Installation type
- Mirror effect
- Daylight transmission
- Total solar energy rejected
- G-value (clear glass 4 mm)
- G-value (clear glass 4 - 15 Argon - 4 mm)
- Glare reduction
- Shading coefficient
- Near infrared rejection
- Guaranteed up to
- Film composition

Chrome 285 XC

Outdoor
Strong
Moderate
84 %
0,14
0,13
86 %
0,1
88 %
10 years
PET multi-layer - PVC free

Chrome 270 XC

Outdoor
Moderate
Good
70 %
0,29
0,25
68%
0,3
70 %
10 years
PET multi-layer - PVC free

Chrome 245 XC

Outdoor
Low
Excellent
48 %
0,50
0,44
40%
0,4
54 %
10 years
PET multi-layer - PVC free

Spectra 333 XC

Outdoor
Neutral
Excellent
47 %
0,49
0,43
16%
0,6
90 %
10 years
PET multi-layer - PVC free