

PHOTOCHROMIC FILM —

FAÇADE

For the first time ever, we are proud to introduce the Self-Tinting Solar Film that is tinted based on LIGHT and not as exposure to temperature. The film blocks >99.9% of the UV harmful light and >93% of the IR.

The advantages of the film are most valuable for energy savings and providing comfortable space. The heat isolation enabled by blocking the UV and IR will reduce the cooling costs. The film tinting will make the space much more comfortable as it will cut the glare and the strong light.



Installation of the Self-Tinting Solar Film is quite easy, no need for electricity. It is activated by the amount of light. It is perfect for Architecture and Automotive applications.

The photochromic film will get darker when exposed to sunlight, particularly the UV radiation, and when the sunlight decreases, the photochromic film will return to its original transparent state. A glass with photochromic film could lower the temperature by 12°C degrees (i.e from 104F degrees to 82.4F degrees)

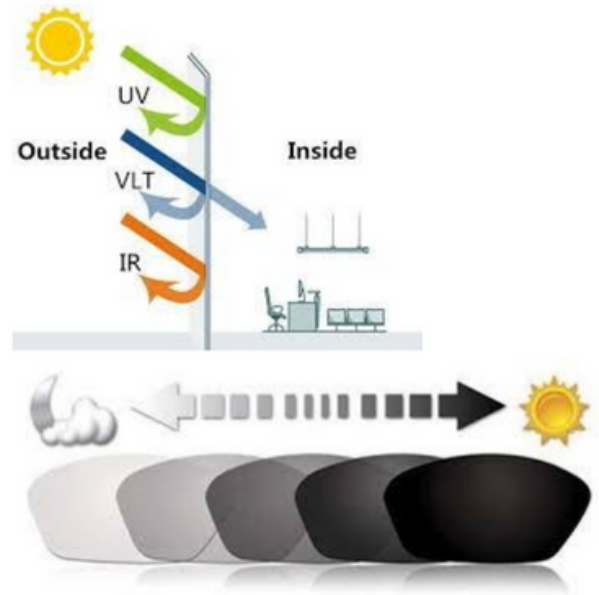
FILM VERSIONS

- Self-Adhesive to Stick on Existing Glass
- Lamination type for EVA based glass lamination

SPECIFICATIONS

- Darken when exposed to sunlight
- Block UV >99%
- Block IR >93%
- No electricity
- Different VLT ranges
- Colors: greyish or bluish

ILLUSTRATION



SPECIFICATIONS

Format

Item	S70	S70 Lamination
Format	Adhesive	Lamination
Type	Nano Ceramic	Nano Ceramic
Thickness	3mil	2.5mil
Color	BLUE	GREY
Hardness	>2H	>2H

Solar Data

Item	S70	S70 Lamination
VLT	75% -25%	75% -25%
IRR	94.9%	93.7
UV	99.9%	99.9%
Total Solar Reflectance	32.9%	32.9%
TSER	44-75%	44-75%
SHGC	0.47	0.55
Transmission Time	< 1 min	< 1 min