#SPFforWindows

www.cosmoconsumer.com

COSMO SUNSHIELD
Window Film Solutions

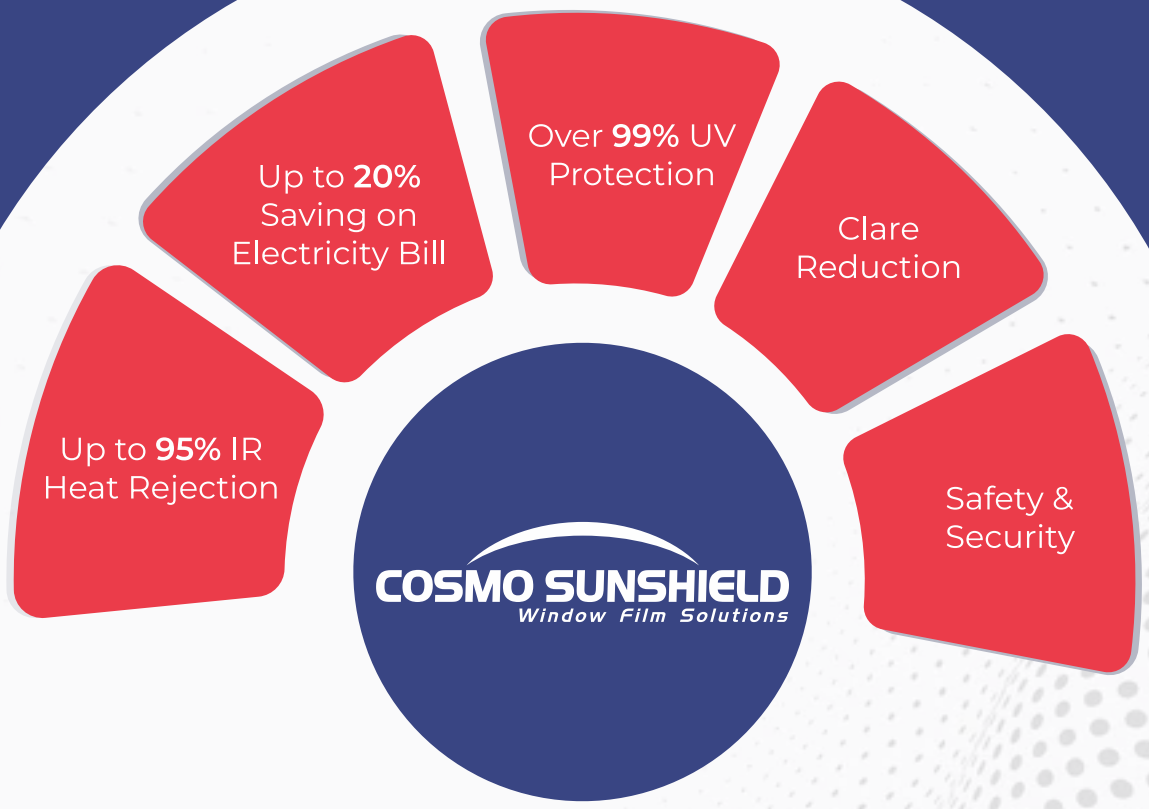
COSMO SUNSHIELD: REDEFINING EXCELLENCE IN WINDOW FILMS

Cosmo Sunshield is a premium window film solution brand from the house of Cosmo Consumer, a business unit of Cosmo First Limited.

We blend innovation, style & sustainability. With over four decades of industry leadership, our premium window films are new age necessity for architectural and automotive design.

WHY CHOOSE
COSMO SUNSHIELD

- Enjoy Comfort and Savings:
  Our window films reduce solar heat and glare while blocking over 99% of UV rays, enhancing comfort and energy efficiency in homes, cars and commercial spaces.
- Environmental Responsibility.
  We prioritize sustainability by offering energy-saving window films that provide protection from the sun, contributing to a greener and safer future.
- Unrivaled Expertise:
  With dedicated R&D focus on development of an innovative product range, Cosmo Sunshield is committed towards delivering customized consumer solutions.
- Setting a new benchmark in window films: Embrace the fusion of quality and innovation.



COSMO SUNSHIELD
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ULTRA COOL SERIES

Nanoceramic Films

Heat Rejection

Ultracool Films provide up to 95% Infrared Rejection which help in reducing the heat transfer inside your occupied space, maintaining an ambient temperature. Ultracool Films help you save more on energy bills by reducing your air conditioning cost.

Clear difference can be observed with help of a BTU meter where in Cosmo Sunshield Ultra Cool Films shows lesser heat transmission when film is applied compared to performance glass.

WITHOUT FILM | WITH FILM

Thermal Comfort

Ultracool Films helps to reduce indoor air temperature by 3°C to 6°C in the rooms facing direct sunlight & 5°C to 7°C in overall space receiving partial sunlight.

Unobstructed View

Ultracool Films provide low indoor reflection, especially during the nighttime which ensures outside view remains clear.

BENEFITS:

High IRR	Sun UV Protection	Higher Energy Efficiency	Glare Reduction	High Longevity	Low Reflectivity

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ULTRA COOL SERIES

CS-650-AC-NT-8075

1ply 1.5mil

Active Ceramic Film

SOLAR PROPERTIES

Visible Light Transmission	80%
Ultraviolet Rejected	>99%
Infra Red Heat Rejected (900–1000nm)	75%
Total Solar Energy Rejected	36%
Glare Reduction	12%
Shading Coefficient	0.72
SHGC(G-Value)	0.64

CS-650-AC-NT-7090

2ply 1.5mil

Active Ceramic Film

SOLAR PROPERTIES

Visible Light Transmission	70%
Ultraviolet Rejected	>99%
Infra Red Heat Rejected (900–1000nm)	90%
Total Solar Energy Rejected	48%
Glare Reduction	22%
Shading Coefficient	0.59
SHGC(G-Value)	0.52

COSMO SUNSHIELD
Window Film Solutions

ULTRA COOL SERIES

CS-650-AC-NT-5095

2ply 1.5mil

Active Ceramic Film

SOLAR PROPERTIES

Visible Light Transmission	50%
Ultraviolet Rejected	>99%
Infra Red Heat Rejected (900–1000nm)	95%
Total Solar Energy Rejected	51%
Glare Reduction	42%
Shading Coefficient	0.55
SHGC(G-Value)	0.49

CS-650-AC-NT-1595

2ply 1.5mil

Active Ceramic Film

SOLAR PROPERTIES

Visible Light Transmission	15%
Ultraviolet Rejected	>99%
Infra Red Heat Rejected (900–1000nm)	95%
Total Solar Energy Rejected	63%
Glare Reduction	82%
Shading Coefficient	0.41
SHGC(G-Value)	0.37

COSMO SUNSHIELD
Window Film Solutions

ULTRA COOL SERIES

CS-650-AC-NT-0595

2ply 1.5mil

Active Ceramic Film

SOLAR PROPERTIES

Visible Light Transmission	05%
Ultraviolet Rejected	>99%
Infra Red Heat Rejected (900–1000nm)	95%
Total Solar Energy Rejected	68%
Glare Reduction	93%
Shading Coefficient	0.35
SHGC(G-Value)	0.31

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Reflective Films

Cosmo Sunshield Reflective Films combine innovation with elegant design. Built for lasting performance, they help create cooler, more comfortable interiors while adding a sophisticated touch to your windows.

BENEFITS:

- Enhanced daytime privacy
- Enhances aesthetic appeal
- Resistant to fading
- Up to 20% savings on energy bills
- Reduces daytime glare indoors
- Blocks solar heat to boost comfort
- Blocks more than 99% of harmful UV radiation

APPLICATIONS:

- Residential Buildings
- Commercial Spaces
- Office Buildings
- Railways and Marine

COSMO SUNSHIELD
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Cool View SERIES

CS-440-CV-BK-1085

2ply 2mil

Reflective Film

SOLAR PROPERTIES

Visible Light Transmission	10%
Ultraviolet Rejected	>99%
Infra Red Heat Rejected (900–1000nm)	85%
Total Solar Energy Rejected	71%
Glare Reduction	89%
Shading Coefficient	0.32
SHGC(G-Value)	0.29

Heat Shield Film

CS-500-HS-GP-3595

2ply 2mil

Non-Reflective Film

SOLAR PROPERTIES

Visible Light Transmission	35%
Ultraviolet Rejected	>99%
Infra Red Heat Rejected (900–1000nm)	95%
Total Solar Energy Rejected	60%
Glare Reduction	59%
Shading Coefficient	0.45
SHGC(G-Value)	0.40

KNOW YOU WINDOW FILMS!

YOUR GUIDE TO SOLAR PARAMETERS

VLT (Visible Light Transmission)

VLT is the light that enters the structure through the glass. Visible light wavelength ranges from 380 to 700 nm in the sun spectrum. Higher VLT means more natural light can pass through glass and film combination.

IRR (Infra Red Rejected)

IRR is the amount of Infra Red (IR) energy that is blocked by the film, either by reflecting or absorbing. Wavelength for IR in the solar spectrum is in the range of 780 to 2500 nm. Relevance to the consumer: This is another important factor in the purchase of window films. Too much of incoming IR rays will make the space very hot and uncomfortable to stay inside. Both Capex and Opex for air-conditioning will go up to maintain a comfortable temperature inside if IR rays are not screened. If purpose of fenestration is heat rejection, IRR should be considered over TSER.

GR (Glare Reduction)

Glare Reduction refers to the process or ability of reducing or minimizing the intensity and discomfort caused by excessive brightness or glare of light.

UVR (Ultra Violet Rejected)

UV radiation is a type of electromagnetic radiation emitted by the sun and is invisible to the human eye. UVR is the amount of UV rays stopped from entering interior space. Wavelength for UV in the solar spectrum is in the range 100 to 380 nm.Relevance to the consumer: This is a very important factor in the purchase of window films. Excessive UV rays is the most dangerous part of the solar spectrum for human health. It is one of the causes of cataract and skin cancer. UV ray is also the biggest factor in damage to drapes, carpets & furniture. UV rays are also the biggest factor in damaging drapes, carpets and furniture through fading or discoloration.

TSER (Total Solar Energy Rejected)

The total solar energy rejected refers to the amount of solar energy that is prevented from entering a space or building by a specific material designed to reduce solar heat gain. This is not the actual measurement of heat ingress into the building.

COSMO SUNSHIELD
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Our Premium Product Range

Heat Control Films I Safety Films I Privacy Films

COSMO SUNSHIELD

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