

SFI Black-Silver Window Film

The SFI Black-Silver film delivers high energy efficiency, reduces glare, provides privacy, and enhances the aesthetics of a property. Its combination of radiation blocking, tinting, and external mirroring achieves 85 to 90 percent heat rejection.



Most indoor heat results from the absorption of sunlight, while thermal emission plays a smaller role. The primary heat-carrying wavelengths are UVA (315 to 400 nm), the only UV band that reaches the Earth and contributes approximately 5 to 10 percent of solar heat; visible light (400 to 700 nm), which contributes about 40 to 45 percent when absorbed; and infrared radiation (700 nm to 1 mm), particularly near-infrared (700 to 2500 nm), which accounts for roughly 45 to 50 percent and is the dominant source of indoor solar heating.



ADVANTAGES



Energy Efficiency

Reduce cooling costs by blocking heat



UV Protection

Protect furnishings from fading and UV Rays damage



Glare Reduction

Create a glare-free environment



Privacy

Allow privacy during the day

Block UV	<input checked="" type="checkbox"/>
Block UR	<input checked="" type="checkbox"/>
Tinting	<input checked="" type="checkbox"/>
Mirroring	<input checked="" type="checkbox"/>

SPECIFICATIONS

Color	Thickness	VLT	IRR	UVR	TSER	Warranty	Size
Black-Silver	2 mil	11%	67%	99%	88%	7 yrs	1.52*30m