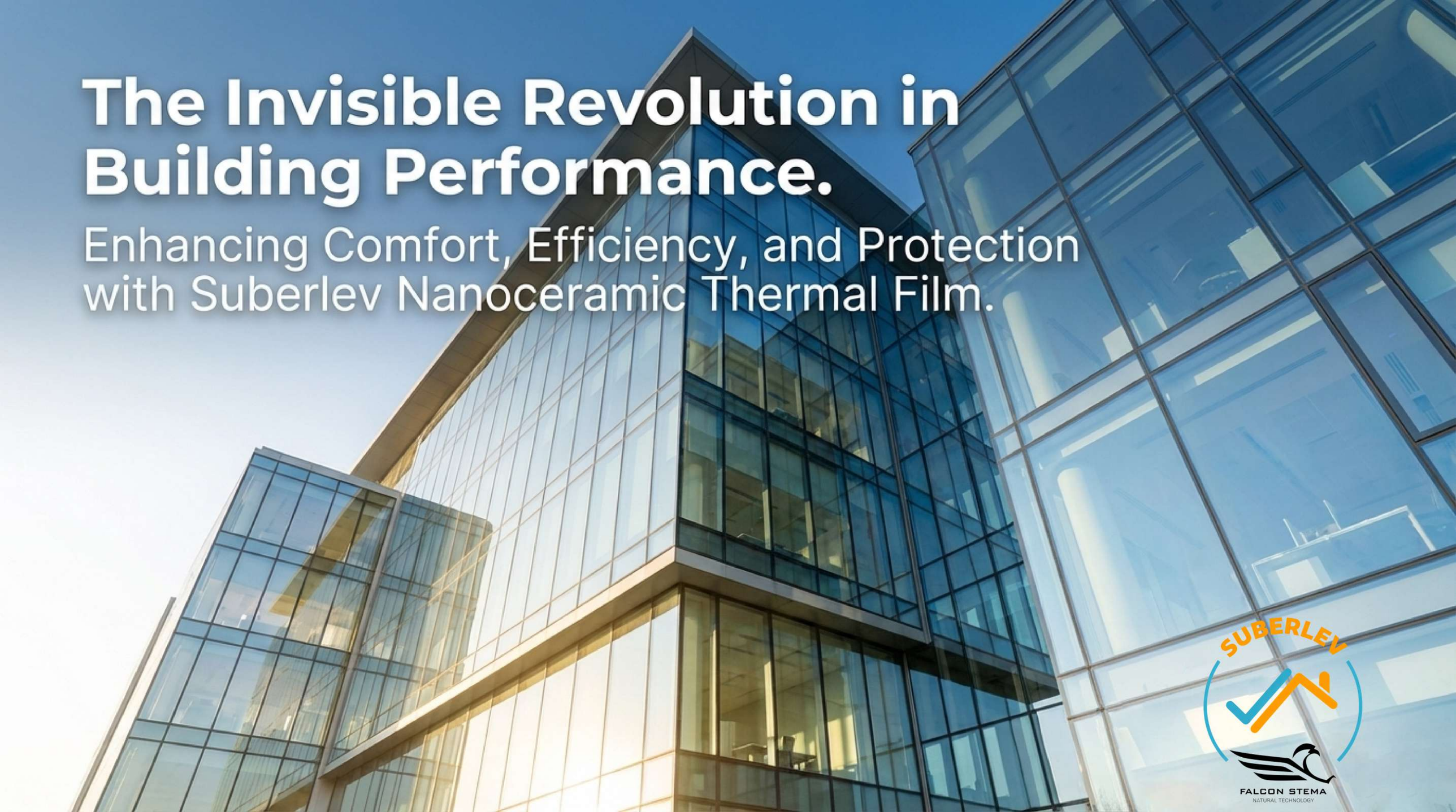
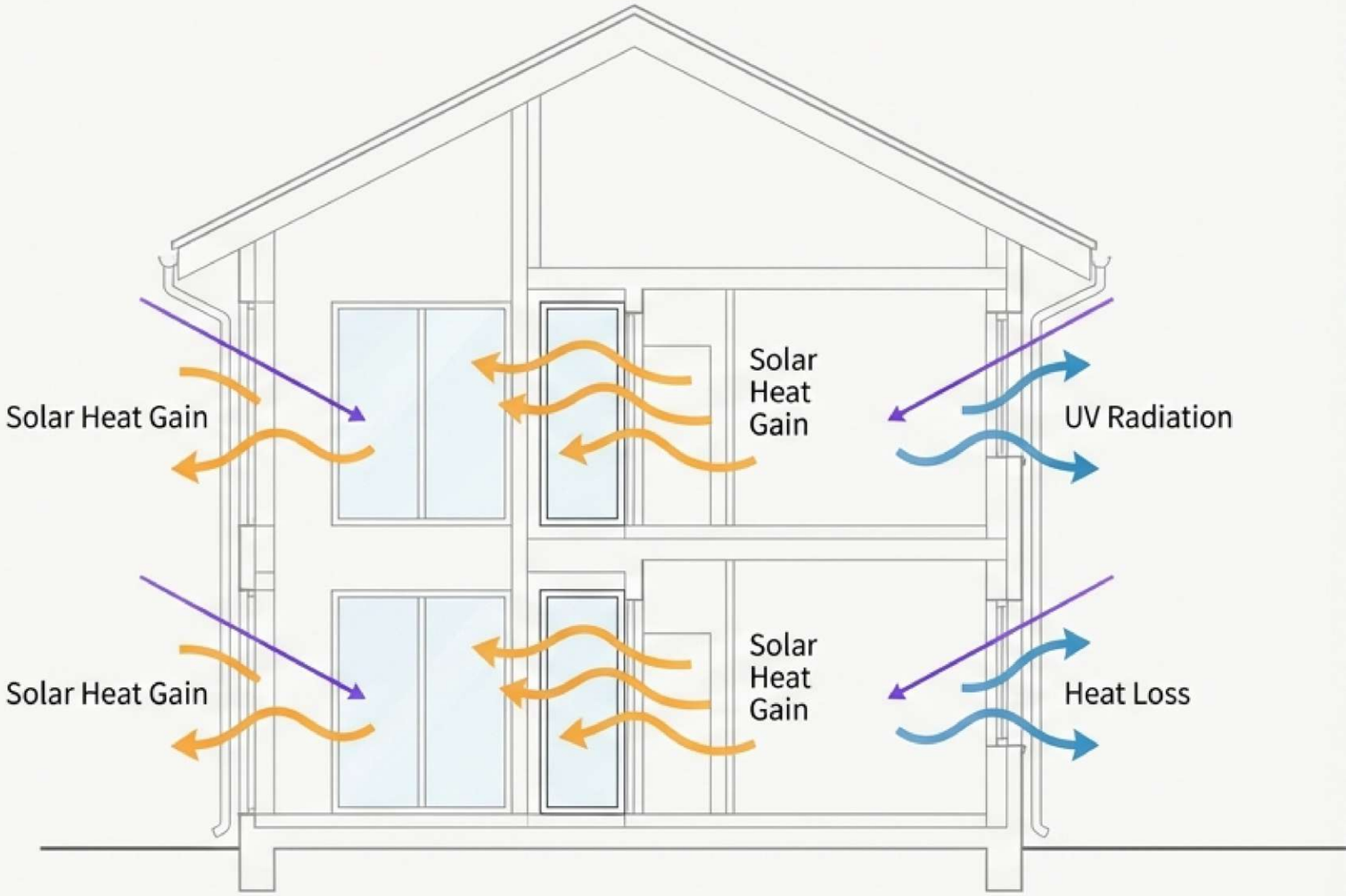

The Invisible Revolution in Building Performance.
Enhancing Comfort, Efficiency, and Protection with Suberlev Nanoceramic Thermal Film.
SUBERLEV
FALCON STEMA
NATURAL TECHNOLOGY

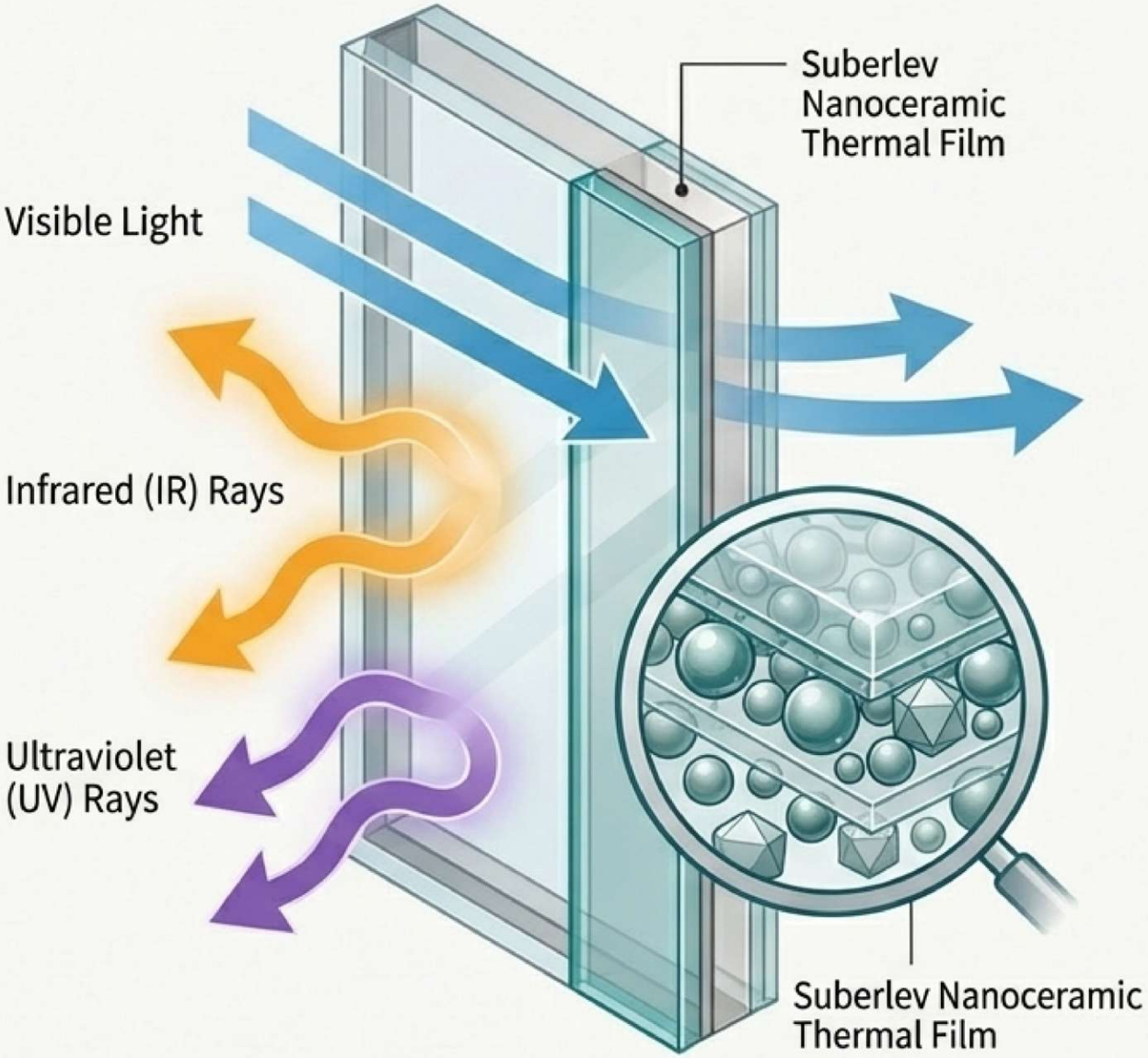
Your Windows Are Your Weakest Link.

Glass is the thermal weak point in any building envelope. It's a gateway for uncontrolled solar heat gain in summer, significant heat loss in winter, and a constant source of damaging UV radiation. This leads to uncomfortable spaces, high HVAC costs, and faded interiors.



An Elegant Solution, Powered by Nanotechnology.

Suberlev Nanoceramic Thermal Film is an advanced architectural solution that transforms standard glass into a high-performance barrier. Using a matrix of non-metallic ceramic microspheres, our film selectively filters solar radiation without compromising visibility. It's protection you feel, not see.



Uncompromising Performance, Proven by Data.

91%

Infrared Rejection (IR)

The primary source of solar heat.

>99%

Ultraviolet Blocking (UV)

The leading cause of fading and skin damage.

49%

Total Solar Energy Rejected (TSER)

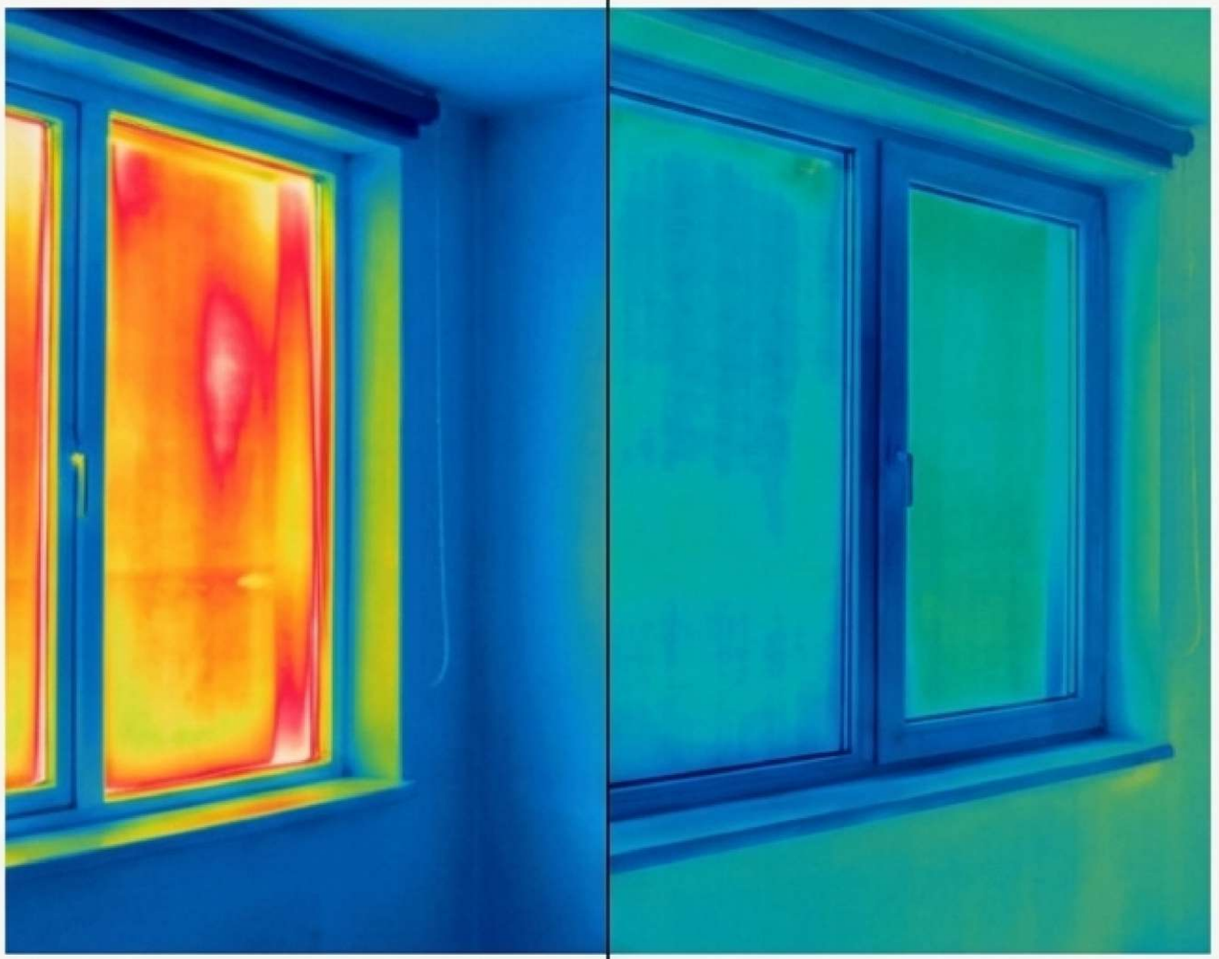
The overall measure of heat-blocking performance.

Certified performance for architectural and automotive applications.

Master Your Environment, Year-Round.

Reduce Summer Heat.

By rejecting 91% of infrared radiation, the film dramatically reduces solar heat gain, maintaining cooler, more comfortable interior spaces and lowering air conditioning loads.



Conserve Winter Heat.

The film limits heat loss through radiation and conductivity, helping to retain interior warmth and improve energy efficiency during colder months.

Preserve Interiors and Protect Occupants.

Our Nanoceramic film blocks more than 99% of harmful UV rays, the primary driver of fading in furniture, flooring, and artwork. It provides a protective shield for valuable interior assets and the well-being of building occupants.

Sun Protection Factor (SPF) of +285

Without Protection

With Suberlev Film

Clarity Without Compromise.

Maintain the aesthetic integrity of your design. With a 67% Visible Light Transmission, our film is nearly transparent, ensuring clear views and abundant natural light. It also reduces glare by 27% for enhanced visual comfort.

Visible Light Transmission:	**67%**
Glare Reduction:	**27%**
Exterior Reflection:	**9%**

An Added Layer of Safety and Durability

Increases Safety

In the event of breakage, the film holds dangerous glass fragments together, mitigating the risk of injury and damage.

Built to Last

With a thickness of 50 µm, the film is scratch and age-resistant, ensuring long-lasting protection and performance without degradation.

Ideal for a Range of Demanding Applications

Suberlev Nanoceramic Film provides a high-value solution for any space where sun protection, energy savings, and clarity are paramount.

- Commercial offices, homes, and public buildings.
- High-end vehicle windows.
- Spaces requiring significant energy savings and solar control.
- Interiors with furnishings and artwork sensitive to UV fading.
- Any glass that requires an increased level of security in case of breakage.

Technical Specifications.

General		
Appearance/Color	Very light grey film	Source Sans Pro
Thickness	50 µm	
Visible Light		
Transmission	67%	
Absorption	24%	
Exterior Reflection	9%	
Solar Energy		
Total Solar Energy Rejected (TSER)	49%	
UV Reflection	>99%	
IR Reflection	91%	
Performance		
Glare Reduction	27%	
Sun Protection Factor (SPF)	+285	
Formats Available		
Rolls	1.52 m x 30.5 m (46.36 m^2)	
Boxes	0.76 m x 2 m (1.52 m^2)	
Boxes	0.76 m x 4 m (3.04 m^2)	

Ensuring Optimal Performance and Longevity.

Professional Installation Required

Suberlev products must be applied by applicators approved by the manufacturer to ensure warranty and performance standards.

Apply to smooth, clean glass only. Not for frosted, textured, or damaged glass.

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Installation temperature should be between 0°C and 35°C.

Post-Installation Care

Drying Period:: A slight foggy appearance is normal for 5-15 days as water vapor evaporates.

Cleaning: Wait at least 30 days before cleaning. Use a soft cloth or rubber squeegee with a standard soap solution or window cleaner. Do not use abrasive brushes or solvent-based cleaners.

Help Us Help You

Innovation in Protection.

The information provided is based on extensive practical experience and laboratory testing.
We recommend practical tests to ensure compatibility for each specific application.

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