

TRANSPARENT HEAT REJECTION TECHNOLOGY

NEXT-GENERATION HEAT REJECTION FOR EXISTING GLASS.

Up to 45% of a building's heat gain enters through its glass. Glass traps solar energy, drives interior temperatures up, and forces air-conditioning systems to work harder — a direct, measurable operating cost. ThermoGlassPro applies a transparent heat-rejection coating directly onto your existing panes, forming a permanent thermal barrier: the glass stays, the heat doesn't get in.

IT IS A transparent heat-rejection coating that bonds to your glass	IT ISN'T Window film — nothing to peel, bubble, or lift at the edges	IT ISN'T Replacement glazing — your existing panes stay in place
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01 PERFORMANCE — MANUFACTURER DATA (EN 410)

INFRARED (IR) BLOCKED	99.6%	The radiant heat you feel through glass
SOLAR HEAT BLOCKED	72%	SHGC 0.28 — the glazing industry's standard measure
ULTRAVIOLET (UV) BLOCKED	99%	The main cause of fading, largely stopped
LIFESPAN	10+ yrs	Backed by a 10-year written warranty against peeling, cracking and bubbling

02 WHAT THIS MEANS FOR YOUR BUILDING

01 Lower air-conditioning costs Blocking 99.6% of infrared heat at the glass cuts cooling load directly. Manufacturer data indicates AC energy savings of up to 19%.	02 Comfort you can measure Coated glass runs dramatically cooler to the touch — manufacturer testing shows surface temperature reductions of up to 21.4°C. Fewer hot spots, fewer complaints.
03 A fraction of the alternatives Roughly one third of the cost of quality solar film, and one fifth of replacement insulated glazing — with none of the structural work.	04 Fast payback Lower cooling bills recover the investment quickly; we show you the measured before/after readings on your own glass so you can verify it.
05 Maintenance-free durability	06 Zero structural change

03 HOW IT COMPARES

	Solar film	Replacement glazing	ThermoGlassPro coating
HEAT REDUCTION	Limited	Good — at full replacement cost	72% of solar heat blocked (SHGC 0.28)
APPEARANCE	Darkens glass; visible film lines	Clear but heavier units	Subtle, even tint; no lines or edges
DURABILITY	Can peel, crack, bubble or fade over time	Unit seals can leak over time	Bonds to the glass itself; 10-year warranty
RELATIVE COST	~3× (manufacturer comparison)	~5× (manufacturer comparison)	Reference — most cost-effective option
STRUCTURAL CHANGE	None	Full removal & replacement	None — existing glass stays
RETROFIT	Yes	No	Yes — applied to glass in place

04 WHERE IT APPLIES

WINDOW PANELS	GLASS FACADES	CURTAIN WALLS	OFFICE PARTITIONS	SKYLIGHTS
RETAIL STOREFRONTS	HOTEL GLAZING	CONSERVATORIES		

05 PROFESSIONAL APPLICATION

Applied by trained applicators only — surface preparation, controlled application and curing determine the result. Depending on the facade, the coating is applied by roller, spray or pour method, with most installations completed in hours and rooms remaining usable throughout. No removal, no replacement, no business interruption.

06 HOW WE WORK

STEP 01 Free thermal demonstration We bring a heat lamp and coated vs untreated glass samples to your premises. You feel the difference yourself — 15 minutes.	STEP 02 Measured survey Infrared readings on your glass, measured elevations, and a fixed written quote. Nothing to pay to receive it.	STEP 03 Application Scheduled around your trading hours. Existing glass stays in place; most jobs complete in hours, not days.	STEP 04 Verified result Readings taken again before we leave — you keep both numbers. 10-year warranty in writing.
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BOOK A FREE THERMAL DEMONSTRATION

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