

SOLAR LOW E

Solar Low-E (Low Emissivity) Glass is a next-generation architectural glazing solution engineered to reflect infrared and ultraviolet light while allowing optimal visible light transmission. Its microscopically thin metallic coating on the glass surface works as a thermal filter—keeping interiors cool in summer and warm in winter—without compromising natural daylight or aesthetic appeal.



In Summary: Why Not Just Low-E?

Feature	Standard Low-E Glass	Solar Low-E Glass
Reduces heat loss (winter)	✓	✓
Reduces solar heat gain	✗	✓
Ideal for Greek summers	✗	✓
Energy savings (cooling)	Limited	High
UV protection	Moderate	Excellent
Supports green certifications	Partially	Fully