



Stop the Heat. Keep the Light.

Invisible nanocoating that blocks solar heat through your existing glass — without replacing a single pane.

87%

of solar heat gain enters buildings through windows

Modern glass buildings trap heat, driving up energy costs, reducing comfort and productivity — with no good fix, until now.

THE PROBLEM WITH EXISTING SOLUTIONS

Window Films

Reduce visibility and aesthetics; degrade over time

Blinds / Shades

Block daylight entirely; no heat blocking when open

Smart Glass

Extremely costly; complex installation; no retrofit option

Tinted Glass

Permanent; cannot be applied to existing windows

WHY KULVUE®?



Blocks Heat, Keeps Light

Significantly reduces solar heat gain while maintaining full transparency and natural daylight.



Ultra-Low Material Use

Only 15 ml/m² required — designed for cost-effective, high-margin deployment at any scale.



AI-Optimised Performance

Proprietary plasmonic nanomaterial platform, AI-optimised for superior heat-blocking performance.



No Window Replacement

Applied directly onto your existing glass with a simple paint-roller. No specialist installation needed.



Non-Toxic & Sustainable

Prof. Hanna Karlsson (Uppsala Univ.) certified. Safe for occupants, buildings and the environment.



Regulation Ready

Supports EU net-zero compliance and EPBD renovation wave targets for commercial & public buildings.

HOW IT WORKS

01

Assess

We assess your existing glass and building requirements.

02

Apply

KulVue® is applied with a standard paint roller — no specialist needed.

03

Enjoy

Immediate heat reduction. Transparent view. Lower energy bills.

REAL-WORLD VALIDATION

40+ m²

Deployed to date across pilot sites

↓1.7°C

Temperature drop measured in occupied pre-school

7

Active commercial pilots across public & private

IoT

Live monitoring with real-time data collection

Validated in occupied pre-school classrooms • Backed by Uppsala University • Supported by UU Invest & Remade-SME

Ready to Cool Your Building?

KulVue® is the only retrofit nanocoating that blocks solar heat without affecting visibility, aesthetics or daylight — and it applies directly onto your existing glass.

- **Book a free building assessment**
- **Request a pilot deployment**
- **Enquire about licensing for glass manufacturers**

ENDORSED & SUPPORTED BY

Uppsala University • UU Invest • Swedish Energy Agency • Remade-SME

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KulVue® is a registered trademark. 2 patent applications filed. Non-toxic formulation certified by Uppsala University.

