



A California Corporation offering advanced Window Solutions for Energy Efficient Buildings.

What is a "Clear-Wall"?

Clear-Wall's Solar Window Insert is an energy saving retrofit product that reduces the energy loss (up to 30%) that occurs through the window systems of large commercial & institutional buildings.

A Clear-Wall whole building envelope solution:

- 1) Ensures that the highest performing film is selected for each buildings specific glass.
- 2) Reduces solar heat gain as demonstrated by the thermal images to the left.
- 3) Simplifies installation & reduces the costs of traditional film on glass window film projects.
- 4) Installations can be executed off hours
- 5) Eliminates the stress of film on glass application.
- 6) Maximizes occupant comfort by reducing heat gain, glare & UV radiation.
- 7) Encourages the use on natural daylight.

The "Clear-Wall" increases the thermal performance of single glass to that of dual glass and dual glass to that of triple-glazing.

Inside the "Clear-Wall"

Industry standard solar control window film (that is normally floated directly on the glass) is laminated on a clear substrate. The laminated films are snapped into our patent pending aluminum assembly system.

Each Panel is sized to the interior dimensions of the existing window so it slides in easily and snugly.

The 1/2" dead air space gives the product the thermal insulating properties, resulting in impressive savings and lower heating demand and building system run times.

Visit us at www.clear-wall.com

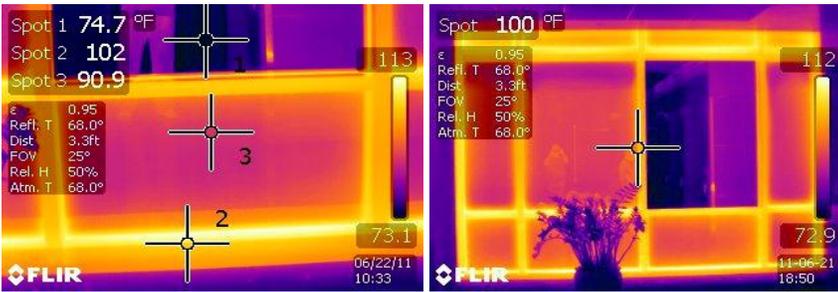
The "Clear-Wall" increases the thermal performance of single pane glass to that of dual pane glass for 20% of the cost"

The "Clear-Wall" Solar Window Insert

A "Clear-Wall" on the middle right pane.



IR 1 - 3 Spot Temp Reading 27 Degree Difference IR2 - Thermal Image



Clear-Wall Low-E Solar Window Insert Performance Improvement on Clear Glass – Certified NFRC Simulation Results

Single-pane 6mm, clear	Visible Trans	Uvalue	SHGC
	glass only - no film	0.88	1.03
w/ClearWall Low-E Solar Insert	0.28	0.324	0.237
Dual-pane 6mm/12mm air/6mm, clear	Visible Trans	Uvalue	SHGC
	glass only - no film	0.79	0.47
w/ClearWall Low-E Solar Insert	0.25	0.238	0.261

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