



Our patented Window Insert is a clear, double-paned polycarbonate window insert with an airtight gasket that fits snugly into the interior of an existing window opening. This design creates 2 insulating air spaces that drastically reduce heat loss while increasing comfort levels by keeping conditioned air separated from existing windows. It essentially converts a single pane to a triple windowpane.

IEG's Window Inserts can be applied to large window facings such as store fronts, insulating the entire "window wall", making for an affordable, convenient, "super-efficient" way to insulate your windows. Installation can be done within the mullions or over then mullions and is simple and quick, with limited tenant disruption, and does not require demolition or construction. Our patented window insert has been proven to improve the comfort level of any office or building and has produced a dramatic improvement in project ROI compared to new window installations.

The enhanced thermal properties of IEG Window Inserts allow for significant reductions in the energy consumption of heating and cooling systems in the building. With greater resistance to air leakage and heating/cooling loss through the fenestration, the carbon footprint from HVAC loads is reduced. Based on the savings predicted by the energy model, implementation of IEG Window Inserts demonstrate your commitment to energy efficiency in commercial real estate.

The IEG Window Insert insulates the opening by stopping the permeating temperatures that glass cannot by slowing the infiltration of solar heat gain as it blocks 99% of the ultraviolet (UV) radiation. When applied to a single pane window, it can improve the U-Factor by as much as 120% and the SHGC by 10%. It stops 99% of the air infiltration (drafty windows) and has sound remediation qualities that can reduce noise by as much as 20 to 40 decibels.

[Project Case Studies](#)

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Intelligent Energy Group, LLC ienergy-group.com Tel: 646-973-3333