



Open up a world of new design possibilities.



SAGE brings you dynamic glass for a changing world.

Daylight varies continually. Shouldn't glass do the same?

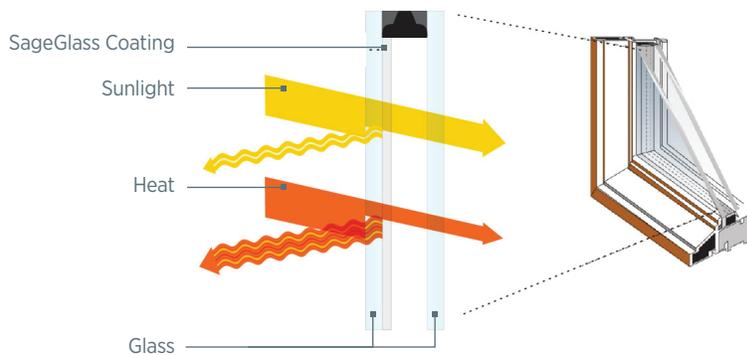
Static glass is a constant challenge for architects. It adds natural light, opens up interiors and creates connections to the outside world. Static glass also imposes limits, forcing you to compensate for extremes in light and temperature, and clutter designs with blinds and shades.

SageGlass® changes everything.

This dynamic glass is electronically tintable, giving you unprecedented freedom in design. Because SageGlass adapts to exterior conditions automatically, it enhances sustainability and energy efficiency without compromising aesthetics.

Clear innovation

Developed by SAGE Electrochromics, SageGlass is coated with layers of thin ceramic materials. Ions in the coating migrate to another layer when low voltage is applied, darkening the glass. Reversing the polarity clears the glass. Tinting can be controlled manually or automatically.





Explore Every Angle

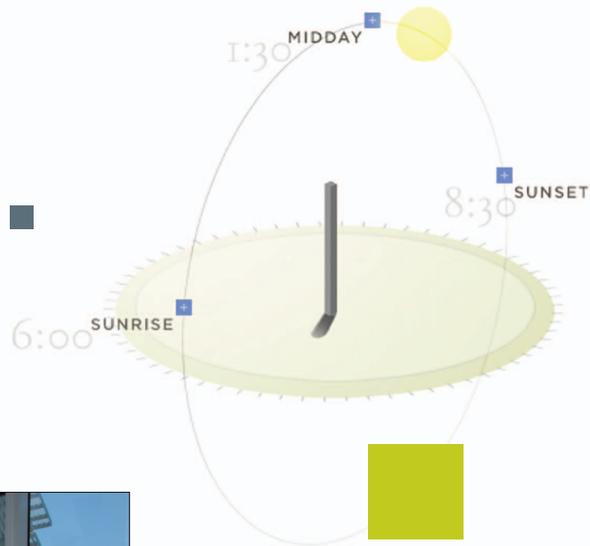
Architectural designs must incorporate a complex matrix of requirements. Yet static glass serves only one purpose. SageGlass glazings allow you to use finite window space in multiple ways, maximizing flexibility and creating opportunities to differentiate your skills and your firm.

- **Innovate** without the constraints of static glass
- **Outpace** competitors by adopting a new, proven approach to daylighting
- **Transform** the building envelope into a living, dynamic skin
- **Eliminate** the need for motorized shades, blinds, louvers and other obstructions
- **Bring in** sunlight while managing glare and heat effectively and automatically
- **Neutralize** traditional tradeoffs of light transmission and heat gain

Design Sustainable, Striking Buildings

LEED® certification is fast becoming a baseline expectation for your clients. SageGlass not only makes it easier to achieve LEED certification, it gives you more ways to design elegant yet sustainable buildings that exceed client expectations for energy efficiency.

- **Earn** LEED credits in three areas (EA, IEQ, SS)
- **Specify** sun control solutions with the smallest possible carbon footprint
- **Reduce** cooling loads up to 20%, peak power demand up to 30%, lighting costs up to 60%
- **Lower** HVAC equipment requirements up to 25%, minimizing capital costs
- **Open up** interior spaces while keeping the building energy efficient
- **Maintain** clear exterior views, allowing occupants to connect to the outdoors



Reduce Total Cost of Ownership

SageGlass offers a simpler, more versatile and remarkably cost-effective solution compared to other glass options. When you factor in all the costs of traditional sun controls, SageGlass clearly offers a better value — so you can recommend it to your clients with confidence.

- **Remove** the cost of installing, operating and maintaining shades, blinds and exterior awnings
- **Downsize** the capacity of HVAC systems
- **Reduce** peak demand charges
- **Minimize** hidden costs of static glass, such as increased lighting and cooling
- **Conserve** energy and help your clients realize significant long-term cost savings

Automate Tint Control

One of the biggest drawbacks to conventional sun control systems is their reliance on human intervention. SageGlass improves occupants' quality of life without requiring them to open or close shades. Instead, tint levels can be managed automatically with our unique control system.

- **Achieve** tint levels across the full performance range of the glass with proprietary algorithms
- **Manage** daylighting and glare based on occupancy or ambient light levels
- **Choose** from centralized, distributed or hybrid control architectures
- **Integrate** SageGlass with building controls to coordinate with HVAC, power and lighting
- **Override** the glass manually at any time for maximum flexibility



Continuous management of light and heat.

Hour to Hour

MORNING: SageGlass tints automatically, precisely balancing natural light and shade

AFTERNOON: SageGlass reacts to changing light levels, tinting or clearing zones as needed

EVENING: SageGlass tints to prevent exterior light pollution

Day to Day

CLOUDY DAYS: SageGlass clears to allow maximum natural light

SUNNY DAYS: SageGlass tints to provide adequate cooling and shade

Season to Season

SUMMER: SageGlass rejects excess solar heat and prevents glare, reducing demand for cooling

WINTER: SageGlass maximizes solar heat and light, reducing demand for heating and lighting

All Year Long

EDUCATION: SageGlass adds natural light, aiding student performance

GOVERNMENT: SageGlass provides critical support for LEED® certification

COMMERCIAL: SageGlass creates pleasant interiors for visitors, customers and clients

HEALTHCARE: SageGlass brings the natural world indoors to improve patient outcomes

SAGE Electrochromics is the world's leading developer of dynamic glass that can be tinted or cleared to optimize daylight and improve the human experience in buildings. SageGlass controls the sunlight and heat that enter and leave a building, significantly reducing energy consumption while improving people's comfort and well-being. SageGlass is a smarter, more elegant solution to conventional and unsustainable sun controls such as mechanical window shades, blinds and louvers. The company was founded in 1989 and is headquartered south of Minneapolis-St. Paul, MN, "the Silicon Valley of the window industry."

Contact **SAGE** Electrochromics to learn more:

20% post consumer waste recycled fiber



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