

SageGlass®

Dare to be dynamic

SageGlass®, the revolutionary dynamic glazing from Saint-Gobain





Prestige & Innovation

SageGlass is a revolution in the façade industry.

This technological innovation is the result of 25 years of Research and Development and is protected by more than 500 patents.

Its streamlined design gives architects unlimited scope, and offers the building's occupants a unique experience.

“Architecture is the skill of cleverly mastering the interplay of spaces and light, to magnificent effect.”

Le Corbusier

Ashford Castle, Cong, Ireland, © S. Conboy



- New façade concept
- Smart technology
- Exclusive experience



Comfort & View

SageGlass is a revolutionary solar control solution.

Dynamic glazing **offers protection from uncomfortable heat and glare from the sun**, and **optimises the amount of natural light** coming into the building, without compromising the view.

No need for awnings, curtains, shutters or blinds!

Did you know?

An increasing number of studies show that natural light and an outside view can significantly help increase productivity, accelerate healing and facilitate learning*. Guaranteed return on investment!

*World Green Building report, 2014

Bellavista clinic – Speicher, Switzerland, © Adrien Barakat



- Unobstructed view
- Abundant daylight
- No glare
- Pleasant temperature
- Completely silent
- Zoning freedom



Sustainability & Simplicity

By adapting to external light conditions, SageGlass enables users to **limit the need for artificial light** and to maintain a pleasant indoor temperature, whilst **limiting the costs of air conditioning and heating**. This smart glazing is a significant contributing factor when obtaining **energy certification** for your building (LEED®, BREEAM®, etc.).

Opting for SageGlass means opting for **simplicity**. With this “all-in-one” glazing, there is no need for awnings, shutters, blinds or curtains to ensure a comfortable temperature. This **removes the need for costly maintenance** and cleaning. Our glazing, tested by independent laboratories, has shown to last more than 30 years.

BREEAM®



IATA offices – Geneva Airport, Geneva, Switzerland. © Adrien Barakat



- Up to 40% energy savings
- Up to 38 LEED credits
- Up to 48 BREEAM credits
- No maintenance
- Proven durability

IT'S TIME

Time to look again at how we approach design and how we manage the effects of the sun.

Time to look again at removing the shades and blinds that block out the world, so we can improve the experience and well being of everyone who inhabits the buildings we create or renovate.

It's time to discover the SageGlass experience.



How does it work?

A step towards the future

Saint-Gobain, a leader in sustainable housing, is one of the 100 most innovative companies in the world*. SageGlass, its smart glazing solution, is part of the **adaptable façade** movement: the facade itself promotes well-being and sustainable development.

*Thomson Reuters

Incredibly easy to use

It adapts automatically to external light conditions and can also be controlled manually via a **mobile application** or a switch, or it can be linked to the building's centralised control system.

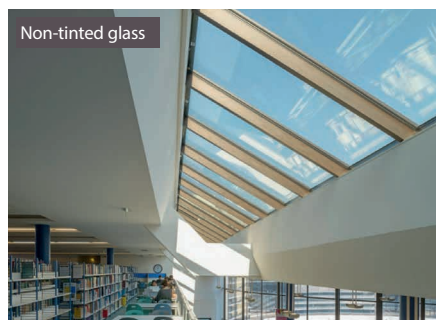


Managing light and heat

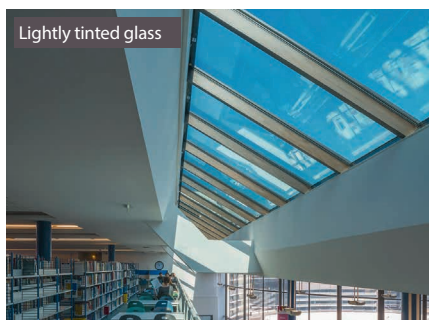
- Four levels of tinting
- Variable light transmission from 60% to 1%
- Up to three areas of tinting per glass pane

Tinting	Light transmission	Solar factor g	Ug value W/m ² .K
None	60 %	0.38	1.1
Light	18 %	0.12	1.1
Strong	6 %	0.07	1.1
Dark	<1 %	0.04	1.1

Measured values on the double glazing SageGlass Climaplus Classic 42.1EC-12-4 Triple glazing available (SageGlass Climatop Classic) with Ug=0,6 W.m²/K



University Library in La Rochelle, France, © K. Khalfi



Swiss International School, Dubai, UAE, © A. Romero



Dirty Habit – Washington D.C., USA, © Mark Wickens

Discover SageGlass

SageGlass is the pioneer of the world's smartest dynamic glass and is transforming the indoor experience for people by connecting the built and natural environments. Electronically tintable SageGlass tints or clears on demand to control sunlight and prevent heat and glare without the need for blinds or shades. SageGlass dramatically reduces energy demand and the need for HVAC by blocking up to 95 percent of solar heat. As part of Saint-Gobain, SageGlass is backed by more than 350 years of building science expertise that only the world leader in sustainable environments can provide. SageGlass is exclusively distributed by Vetrotech Saint-Gobain in Europe and the Middle East.

Get in Touch

Connect with us to learn more about the many ways you can receive more information.

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