



SageGlass®



BELLAVISTA EYE CLINIC

Speicher, Switzerland

CASE STUDY

CHALLENGE

When designing the new Bellavista Eye Clinic, located next to the well-known Bent Clinic in Speicher, Carlos Martinez Architects envisioned a strong, rock-like building following the slope's topography. Yet to keep the building light and airy inside, a window belt runs horizontally across the building's façade, maintaining unobstructed picturesque views of Lake Constance. Research has demonstrated that natural light and views of the outdoors have a positive impact on people's mood and wellbeing and has been proven to boost patient vitality and quality of life.

However, a glass façade also created two key challenges – excessive heat and glare – and the design needed to ensure patients with sensitive eyes would not suffer from too much light exposure.

“SageGlass helped create soothing, balanced daylight in interior spaces, resulting in a pleasing ambience that ophthalmology patients deeply appreciate.”

Dr Stiegler

Proprietor and Chairman of the Board,
Bellavista Eye Clinic



Bellavista Eye Clinic

Speicher, Switzerland

SageGlass®

SOLUTION

The clinic architect selected SageGlass dynamic glass for its ability to meet the design intent, while maintaining unobstructed views of the outdoors, unlike blinds or shades. By darkening and lightening in response to the sun, SageGlass helped to ensure the interior of the clinic, which consists of 28 beds and two operating rooms, would receive the optimal amount of light throughout the day.

Additionally, the tint of the glass can be manually controlled via a wall panel to meet individual patient preferences, making it possible to progressively darken the interior, which is an important consideration for patients with sensitive eye conditions.

BENEFITS

By providing access to optimal levels of daylight while maintaining unobstructed views of the outdoors, SageGlass helps to provide patients with a more comfortable recovery space that contributes to their overall health and wellbeing. In the case of the eye, the retina has not only a surface on which surrounding views are projected, but also cells that dictate a human's biological clock. By providing patients with access to natural daylight, SageGlass helps strengthen patients' biorhythm, boosting patient vitality and quality of life.

Additionally, unlike interior blinds or shades, SageGlass does not accumulate dust, which helps decrease maintenance costs and contributes to the overall sanitation of the clinic. Furthermore, as SageGlass continues to adapt to the climatic conditions, the clinic will save on heating and air conditioning costs.



Patients and staff at the Bellavista clinic benefit from access to daylight and outdoor views in patient recovery spaces as well as operating rooms.

OWNER: Dr. Stiegler, Bellavista Eye Clinic

ARCHITECT: Carlos Martinez Architects

FACADE CONTRACTOR: Krapf AG

GENERAL CONTRACTOR: HRS St Gallen

PRODUCT: SageGlass VARIO Climatop Blue

WHY SAGEGLASS?

The pioneer of the world's smartest electrochromic glass, SageGlass® is the ultimate connector between the built and natural environments. SageGlass tints on demand to optimize daylight, reduce glare and manage heat – all while maintaining unobstructed views of the outdoors. With SageGlass, architects and building owners can improve occupant comfort and reduce energy demand in buildings. As a wholly owned subsidiary of Saint-Gobain, SageGlass is backed by more than 350 years of building science expertise. Learn more at www.SageGlass.com or join SageGlass on Twitter, Facebook and LinkedIn.

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