SANCO® CONTROL

System SANCO® ScreenLine®

The perfect solution inside the insulating glass cavity. An integrated system offering temporary shade, complete visual screening and intelligent light guidance.
SANCO® CONTROL: Balance with natural light.
The art of providing proper shade

Light-flooded room concepts are the symbol of contemporary building culture. Lots of natural daylight is associated with openness and transparency. This characteristic feature of glass is the right style element for presenting – for example – a specific corporate philosophy. The generous incidence of light can however present problems in some circumstances, since the incident sunlight can also cause glare or can overheat the room during summer. The collective requirement when constructing a modern glass facade is an adaptable shade system. Our answer is SANCO CONTROL, the shade system inside the cavity of insulating glass. It ensures a high degree of visual and thermal comfort that can be controlled by varying the slat angles, either manually or using motors, to suit the climatic conditions and light situations.

- Optimum light conditions in architecture
- Light becomes a wellness factor in the home
- The system variations in detail
- List of functions, colour spectrum and light technology
- Persuasive features and varied applications
- Multifunctional thanks to high combinability
Design with light

Optimum light conditions in architecture

The pure functionality of previous building shells has long been obso-lete: today, a wide variety of requirements are closely intertwined when modern glass facades are constructed. Plenty of natural daylight is a crucial factor for agreeable working conditions. But just as important is being able to guide this incident light. Unwelcome heating up of interiors due to the solar energy entering them has to be countered. Keeping the air-conditioning costs of the building as low as possible is a central task of holistic planning work.

Light technology

Positioning the light. SANCO CONTROL provides individualised light whatever the sun’s position: complete visual screening, partial shade, or an unobstructed view with the slats opened.

Full screening and glare prevention

Shade determined by slat angle

Unobstructed view
Slats: convex setting

When the slats are closed, high reflection of the incoming sunlight is achieved. As a result, only a small percentage of the heat energy penetrates into the room, and top g-values are attained.

Slats: concave setting

The position of the slats, angled to match the position of the sun, guides plenty of incident daylight into the interior. Optimum light conditions for computer workstations in conformity with the specified standard are the result.
In the home, office, surgery or school

Light becomes a wellness factor in the home

Light is increasingly dominant in the home, and so is making inroads into the private construction industry. Large-area glazing is no longer confined to the living room, it is also taking being used to separate bathrooms, work areas and leisure areas from the outside world. Discretion is being given a whole new dimension, thanks to a transformation of the house into a flowing landscape where working and living go hand in hand. The focus here is not only on the job of providing shade, but also on preserving privacy.

Different activities call for a flexible system that can adapt to the needs of the moment. SANCO CONTROL always offers as much transparency as is needed, and as much seclusion as possible. This means that rooms can be temporarily separated and certain light situations can be created without having to go without the advantages of glass. Besides a proper balance between light incidence and the required brightness, the hygienic aspect too favours an integrated system. Protected from dirt and dust in the insulating glass cavity, cleaning is negligible. Design latitude thanks to colour variety, and all-round protection thanks to multifunctionality, together complete the features of this glass application.
Venetian blind

For optimum regulation of the light conditions inside the room, SANCO CONTROL relies on systematic checking of the incident sunlight. Thanks to infinite regulation of the inclination angle of the slats, the light is conveyed to the ceiling and in this way indirectly distributed over the entire room. Diffuse and even illumination of the rooms is the result. Annoying reflections on monitors are greatly reduced.

Pleated blind

As an alternative to the classic aluminium slat, a pleated blind made of Verosol fabric offers ways of effectively regulating the solar energy input into the interior.
Three stages with differing fabric density permit individualised use: transparent, semi-transparent and opaque. The inside colours permit a wide range of uses.
For extreme darkening, using the so-called black-out effect, the ‘duette’ double pleated blind is used. It allows unwanted light to be simply shut out.

Roller blind

The special Verosol fabrics are available in the densities transparent, semi-transparent and opaque. They are ideal for hotel rooms, display areas, clinics, labs, and wherever hygiene and absence of maintenance are required in blacked-out situations.
Light in movement / Control elements

Pull-cord operation

The control unit is fastened to the glass pane at the level of an internal magnet integrated into the top section. The blind is operated using an endless cord that sets the outer magnet in motion.

Front turning knob

The front turning knob placed directly onto the glass pane in front of the top section by means of two opposite magnets. Turning it clockwise or counter-clockwise raises or lowers the blind and determines the angle of the slats.

Sliding magnet

The outer magnet control with detachable handle is attached to the glass pane and forms a perfect connection to the inner magnet in the centre of the bottom section. The blind is raised or lowered by the movement of the sliding control. In the Venetian blind version, the slat angle is set by a slight movement of the same sliding element.
**Outer motor**

The outer motor can be used in all insulating glass units with front magnet control. The motor casing is, as is the case with alternative operating systems, simply glued to the glass. With each press of the knob the outer motor raises, lowers and reverses the blind – conveniently and reliably.

**Inner motor**

The improved electric raise/lower system is operated by an electric motor integrated into the top section and by a miniature control unit optionally equipped with an incremental encoder. It permits simultaneous and synchronised operation of several blinds. The electronic unit permits advantageous and versatile control.

**W Swipe System**

Battery operating module

Motor-powered raising, lowering and angle-setting of the blind is performed with a battery operating module with sensor surfaces that is attached to the window frame or directly on the glass surface. The battery module can be continuously recharged optionally using a solar panel or, if required, by a battery charger via the integrated micro USB port.
For the many requirements relating to design and function, SANCO CONTROL is available in three blind versions with different transparency stages and colours. Instead of the classic aluminium slat, a pleated blind made of Verosol fabric provides ways of effectively regulating the solar energy input into the interior. The wide product range to match the many different installation situations gives architects and contractors new latitude for design solutions using light and shade.

List of functions

Colours reflect the facets of nature. They put life into rooms, accentuate or create harmonious moods, smoothly integrating into the respective interior concept. At SANCO CONTROL, freedom means not only countless colour variants, but also a choice between high-quality aluminium slats and superb fabrics in a variety of transparency steps.

Colour spectrum

Colours for aluminium slats

16 mm
12.5 mm
The slats can be raised, lowered or reversed using the control elements.

The thin aluminium coating of the Verosol fabric imparts to the blind its outstanding properties for regulating the light conditions. The pleated version is available in the transparency steps opaque, semi-transparent and transparent. The outside of the fabric is always silver-metallic.
Features, varied applications

Persuasive features

- Flexible glare prevention and screening with excellent use of daylight
- Selective light control creates a pleasant working atmosphere
- Unobtrusive appearance thanks to integration into the cavity
- Design-oriented facade with high multifunctional benefit
- Variable use regardless of weather conditions
- Very hygienic thanks to protection from dirt caused by weather
- Ideal for exposed levels prone to high winds
- Safe against manual damage and destruction
Varied applications

- Conservatory
- Glass facades / window fronts
- Roof windows and flower windows
- Room dividers / partitions
- Sanitary areas
- Doctors' surgeries / treatment rooms
- Clinics / nursing care areas
- Museums
- Schools
- Offices / company headquarters
- Rolling stock and construction vehicles
- Caravans / mobile homes
- Visual screening for rest areas
- For renovation work too
More than light and shade

Energy-efficient the modern way

High energy efficiency is the ambition, and the building design looks to the future. This context involves low energy costs, minimal heat losses and more heat retrieval. The multifunctionality of large-area facade and window fronts takes on a key role here. They need an intelligent and infinitely regulated shade system characterised by variability to actual requirements.

SANCO CONTROL in highly thermally insulating SANCO EnergySavingInsulation glass

Excellent against noise

Enjoy the benefits of glass, with all your senses, with concentration and with calm. Our newly created and practically all-glass world presents ever greater challenges for sound insulation. We are assailed by noise from all sides. This is where multifunctional glass solutions come into play, which adapt individually to the noise source in question – a protective wall against noise, but against clear views only when required.

SANCO CONTROL with SANCO Phon sound insulating glass

Self-confidently secure

Glass opens up rooms which need selective protection and discretion. It is only the alternation of intimacy and openness in conjunction with the relevant safety aspects that make glass-based ideas into a perfect unit. Thanks to its extensive product range, SANCO is a dependable partner for all types of structural glass concepts – shade, screening and light guidance included.

SANCO CONTROL with SANCO Safe safety glass
ScreenLine is synonymous with stylish elegance and comfort, up to date technology, experience and innovation. Integrated shade systems are the link between nature and space, between light and living environment. The solution for rooms in which our daily life takes place.

You can get detailed information from your local SANCO partner.