

# shading systems

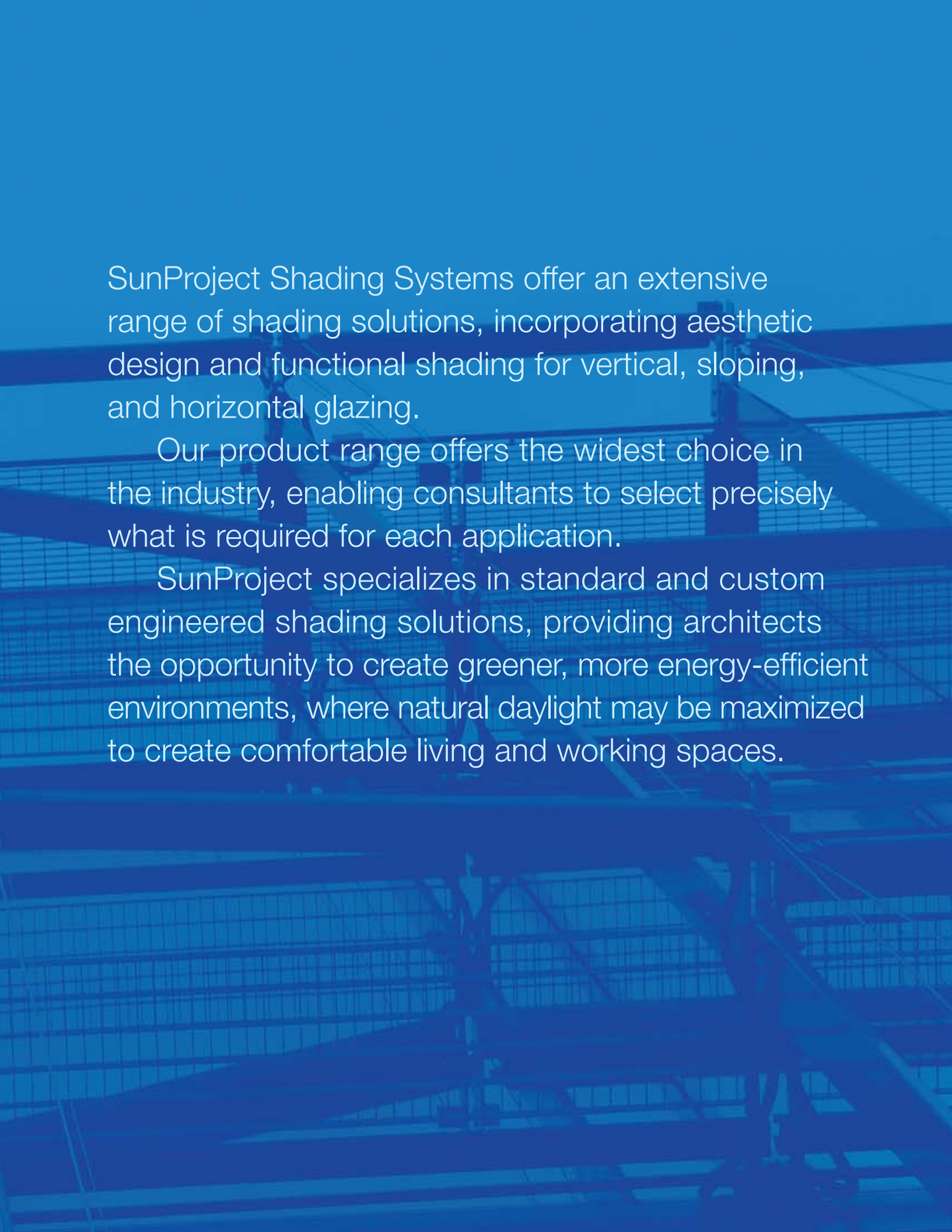


SunProject™

innovative

dynamic façade shading™  
ergonomic operating systems  
advanced automation





SunProject Shading Systems offer an extensive range of shading solutions, incorporating aesthetic design and functional shading for vertical, sloping, and horizontal glazing.

Our product range offers the widest choice in the industry, enabling consultants to select precisely what is required for each application.

SunProject specializes in standard and custom engineered shading solutions, providing architects the opportunity to create greener, more energy-efficient environments, where natural daylight may be maximized to create comfortable living and working spaces.

# progressive

## Sustainability

All over the world, countries are looking to reduce the carbon footprint of their urban infrastructure. Of particular importance is the enormous effort given to restore and refurbish older buildings; systematically upgrading them to meet the higher standards associated with newer buildings.

## Daylighting

Effective natural light management can improve the visual comfort, well-being and productivity of a building's occupants; while reducing the need for artificial lighting at the same time. Daylighting control systems can transform a day lit area into an energy-saving opportunity. The EPA estimates that potential savings can exceed 40%. Since peak electrical loading parallels periods of the most plentiful daylight, SunProject systems are a natural choice for optimizing efficiency.

night

cool



An abstract graphic consisting of several interlocking, glossy loops. The loops are colored in a gradient from green at the top to blue in the middle, and orange at the bottom. The word 'eco-friendly' is written in white lowercase letters in the upper left area of the green loop. The word 'day' is written in white lowercase letters in the middle blue loop. The word 'hot' is written in white lowercase letters in the lower orange loop.

eco-  
friendly

day

hot

# sustainable design

## **Dynamic Façade Shading™ and Lighting**

Daylighting design has evolved into a comprehensive controllable building system that delivers and regulates interior daylight. Optimal integration occurs when electric lighting control works seamlessly with controllable window treatments, such as shades or blinds, to provide glare control, reduce cooling load and protect interior surfaces from direct UV light. These systems can also be integrated into a Building Management System.

## **Energy Management**

Windows are the main interface between the interior and exterior of a building. A façade fitted with sun protection devices can optimize heat exchange, exerting greater control on how heat enters and leaves a building. Solar shading devices that are automatically raised and lowered optimize solar gain.



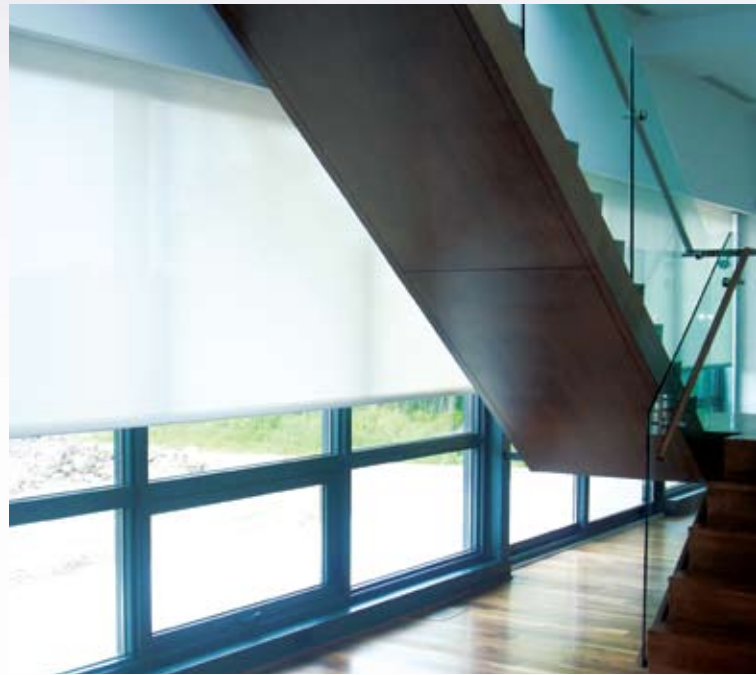


elegant

Technically advanced operating lift systems, quality hardware and a variety of sun control shading fabrics available in various densities, weaves and colors are the reasons why most architects and designers specify SunProject Shading Systems.

Our latest technology incorporates the Lite-Lift mechanism – a patented concentric coil mechanism allows effortless operation of small to very large shades. This innovative high performance lift mechanism has been engineered for ease of lift and long-term durability, can be used with cassette, fascia systems or exposed roller.

interior shades





A photograph of a modern office interior. The scene is dominated by a curved desk in the foreground, with a large potted plant on the left. In the background, there are large windows with vertical blinds, and the ceiling features recessed lighting. The overall atmosphere is bright and professional.

# sophisticated

Today's total light management systems integrate electrical lighting with natural lighting by means of a linked digital control system. SunProject's automated shades reduce glare and heat, while allowing for maximum daylighting. Our systems ensure optimal use of electrical lighting as the system automatically dims or brightens accordingly to the level of natural light. Built-in personal control allows users to fine-tune lighting levels for particular tasks or occasions.





interior shades

# comfortable

SunProject is the brand name most recognized for its reliability and distinctive, elegant design.

Our systems provide a complete program of solar and room darkening shades for increased privacy, all the way up to blackout conditions to accommodate audio-visual presentations. SunProject also customizes installations for dual shades, design with our special EcoScreen Fabrics.







interior shades





# superior

SunProject's aluminum constructed shutter and louver systems are produced for both commercial and contemporary residential spaces. Designed as an alternative to wood or plastic shutters, SunProject's Alumatek™ offers many advantages including wider, more durable construction. They also will not warp, bend or twist. Aesthetically pleasing, they can be used as fixed panels for privacy screens, or where ventilation is required – hinged or bi-folded for window and door openings, or as a sliding partition system for office and room dividers.

A combination of a hallowed extrusion design that acts as an air pocket and a highly reflective durable surface effectively improves the thermal efficiency of window and door openings.

SunProject louver systems are specifically designed to offer privacy, durability, and versatility for any environment, without compromising functionality and design. All Specially formulated finishes are non-toxic and non-corrosive – whether they are custom-baked UV colors or anodized finishes.

interior shades



skylights

flexible



SunProject provides a variety of skylight shading systems consisting of standard hardware for sloped, incline and flat glazing – the ability to provide custom complex engineered shades for any shaped skylight is possible. Shades are available in gravity drop utilizing roller gliders in tracks, as well as bottom up, with single or double motor and special tension systems for any overhead glazing.









effective

exterior shades

SunProject provides a total package of controllable exterior sun control devices. Ranging from external roller shades and external louver devices we provide environment-friendly energy-efficient shading solutions that automatically move with the sun's angle to reduce solar heat gain, lower energy consumptions and maximize daylight.








exterior shades



impressive

Exterior shading systems are the most effective way to control and reduce solar heat gain. SunProject's automated external roller shades are an ideal way to manage heat and lower energy costs, provide glare control and daylighting. They can be used on a flexible range of applications, the shade can be fully retracted and out of sight when not needed. Our fabrics are durable, exterior rated specially designed to resist the exterior elements. Rot and mildew proof, they are dimensionally stable in all temperatures.

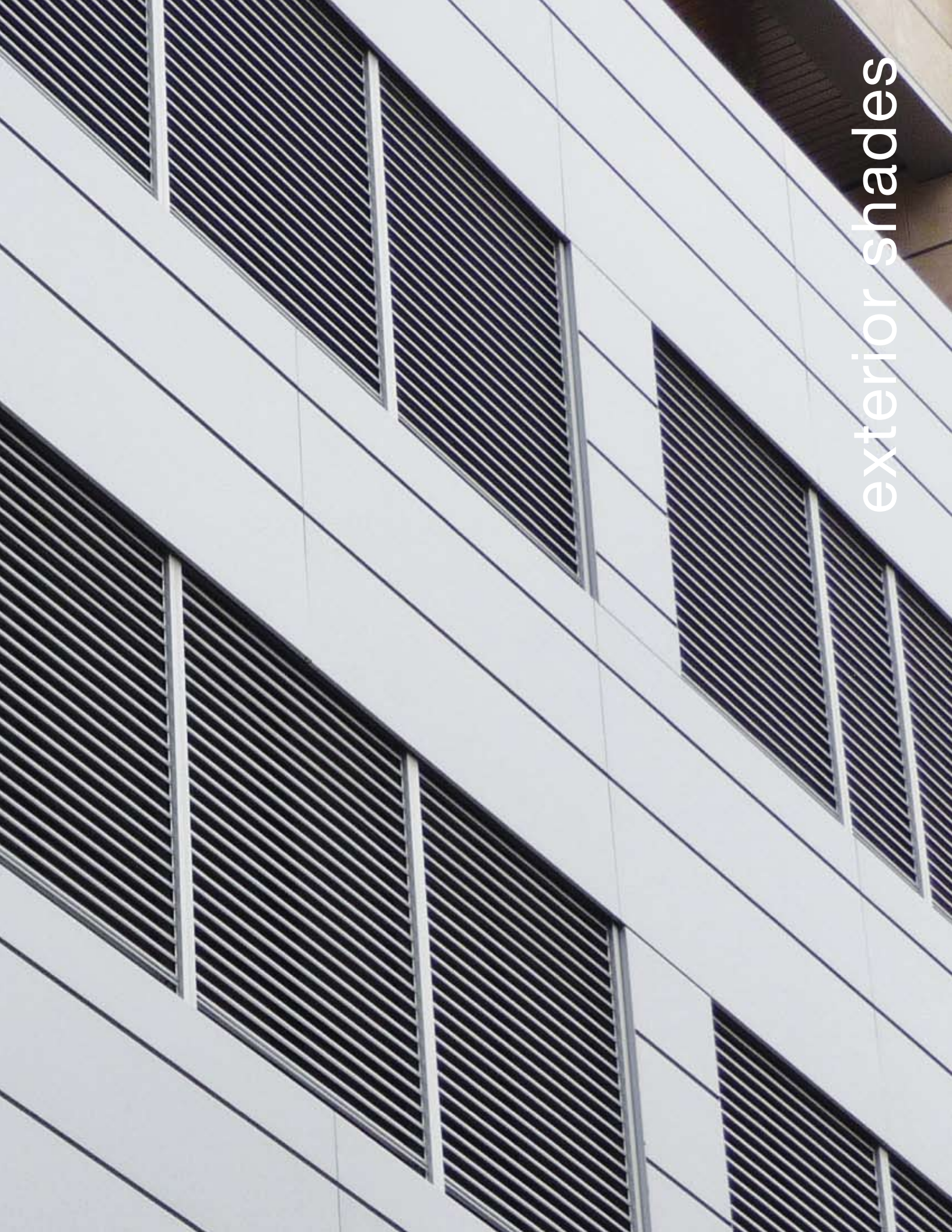


The image shows a close-up, low-angle view of a modern building's exterior. The facade is composed of light-colored panels and large windows. Each window is covered with a system of external louvers or Venetian blinds, consisting of numerous thin, parallel slats. The perspective is looking up, creating a sense of height and architectural scale. The lighting is bright, suggesting a clear day.

SunProject External Venetian Blinds (EVB) and Exterior Louver Systems (ELS) are a versatile and effective solution for solar and daylighting control. Automated Controllable external louver systems can be integrated with building controls and a sun tracking system for optimization of natural light, resulting in a total energy management system. All systems are durable heavy-duty designed and engineered to withstand external weather conditions.

durable





exterior shades



systems

# complex

SunProject offers one of the most comprehensive shading solutions available. We provide complex and unique customized shading solutions for any type of glazing configuration. Our engineers will work with your team to provide optimal practical shading solutions for any project.







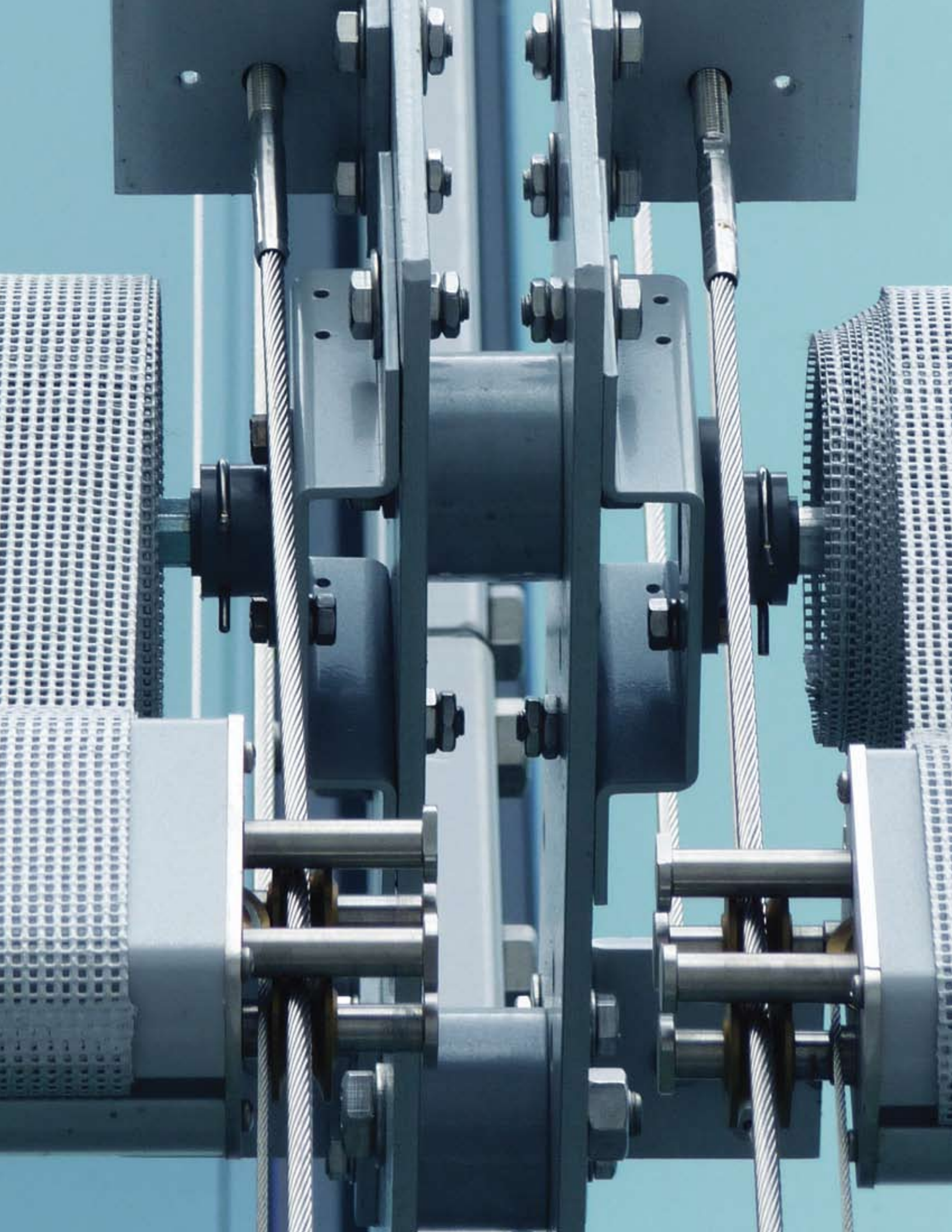
# advanced

engineering



We offer specialized shades, customized brackets and hardware, with special performing fabrics to meet today's challenging building configurations. From concept to planning to final product, SunProject is a single source manufacturer.







File Project Settings Tools Help

Wind direction



Wind speed



Sun intensity



Temperature

Indoor   
Outdoor

System info

Run   
Snow   
Error   
Alarm

Est. Building   
Est. Zone   
HVAC Heat   
HVAC Coolt

Status



Functions



Sensors

Control

Settings

Log



Status - Functions

Roller Shades

OFFLINE 0%

Interior Roller blind  
Standard mode

- Major Alarm
- PC Building Lock 0%
- PC Zone Lock 0%
- Key Building Lock 0%
- Key Zone Lock 0%
- Major Error

Key Building 100%

Switch Building Command

Switch Zone Command

Zone 1 On

Zone 2 On

Zone 3 On

Zone 4 On

Zone 5 On

Zone 6 On

Zone 7 On

Zone 8 On

Zone 9 On

Zone 10 On

Venetian Blinds Encoder

OFFLINE 0% / 90°

Interior Ven. blind (DCE)  
Standard mode

- Major Alarm
- PC Building Lock 0%
- PC Zone Lock 0%
- Key Building Lock 0%
- Key Zone Lock 0%
- Major Error

Key Building 100%

Switch Building Command

Switch Zone Command

Zone 1 On

Zone 2 On

Zone 3 On

Zone 4 On

Zone 5 On

Zone 6 On

Zone 7 On

Zone 8 On

Zone 9 On

Zone 1 - 4

Venetian Blinds 2"

OFFLINE 0% / 90°

Exterior Venetian blind  
Standard mode

- Major Alarm
- PC Building Lock 0%
- PC Zone Lock 0%
- Key Building Lock 0%
- Key Zone Lock 0%
- Major Error

Key Building 100%

Switch Building Command

Switch Zone Command

Zone 1 On

Zone 2 On

Zone 3 On

Zone 4 On

Zone 5 On

Zone 6 On

Zone 7 On

Venetian Blinds 1"

OFFLINE 0% / 90°

Interior Ven. blind (DC)Standard mode

- Major Alarm
- PC Building Lock 0%
- PC Zone Lock 0%
- Key Building Lock 0%
- Key Zone Lock 0%
- Major Error

Key Building 100%

Switch Building Command

Switch Zone Command

Zone 1 On

Zone 2 On

Zone 3 On

Zone 4 On

Zone 5 On

Zone 6 On

Information

Switch Location

- Active
- Inactive
- Disabled
- Non default function
- Active
- Inactive
- Energy active
- Energy inactive
- Disabled
- Not used in manual mode

Online

Traffic



automation

# commercial

An employee enters a building during off-hours, the access control system informs the building management system who has arrived. By accessing tenant data, the building management system can adjust temperature and lighting for the area of the building where that individual works. To further reduce energy consumption and enhance comfort, it can also increase outdoor airflow to that area, or open window shades that had been closed to minimize heat gain. When the employee leaves, the area can return to its secure, low-energy, off-hours state.



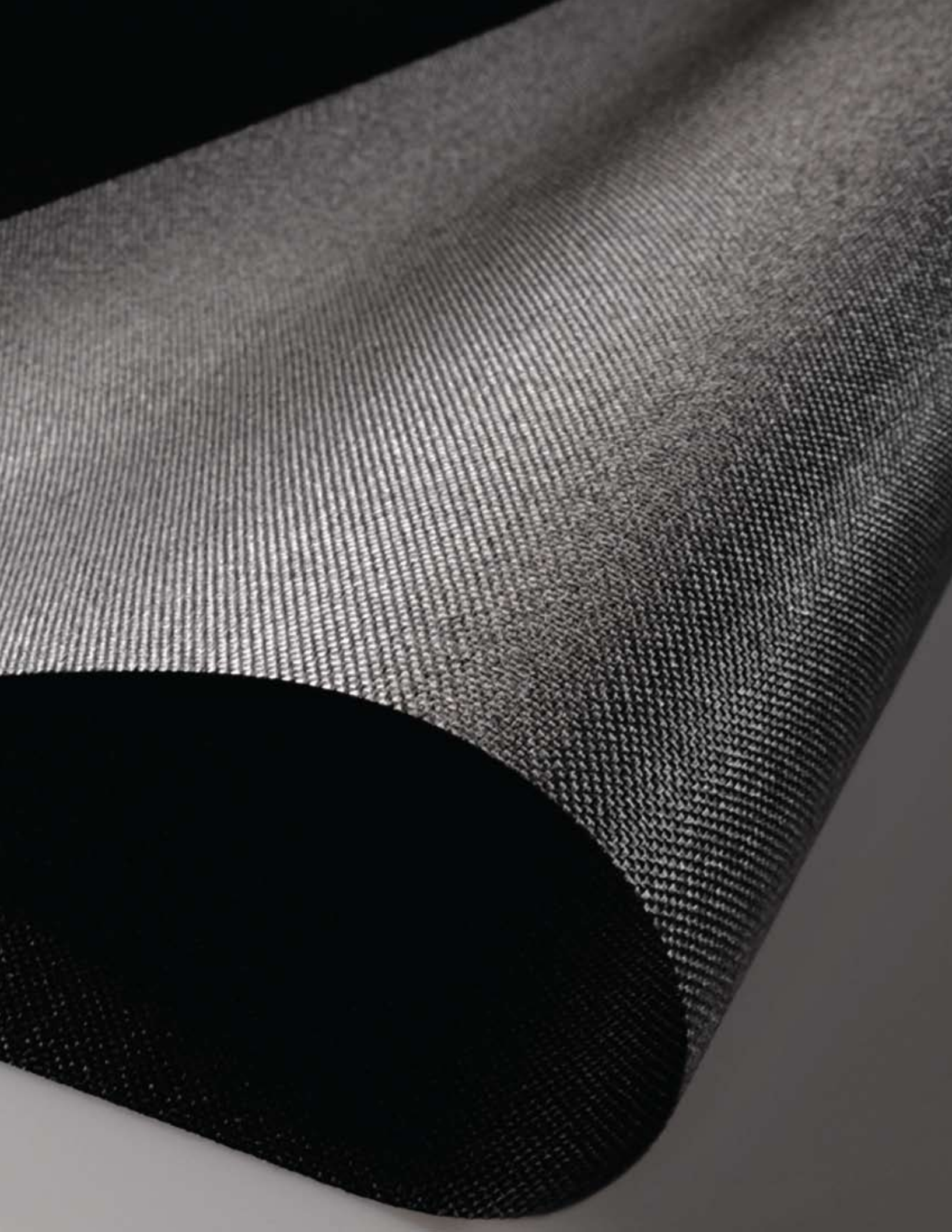




Sunlight is beautiful, bringing comfort and light to every room. Still, its UV rays can be harmful and reduce energy efficiency. Take control of your lighting environment and create the perfect atmosphere in every room of your home to create a more restful and relaxing setting. Discover the ease of use and the time-saving benefits of changing a room's ambiance ... all with the simple push of a button.

# residential







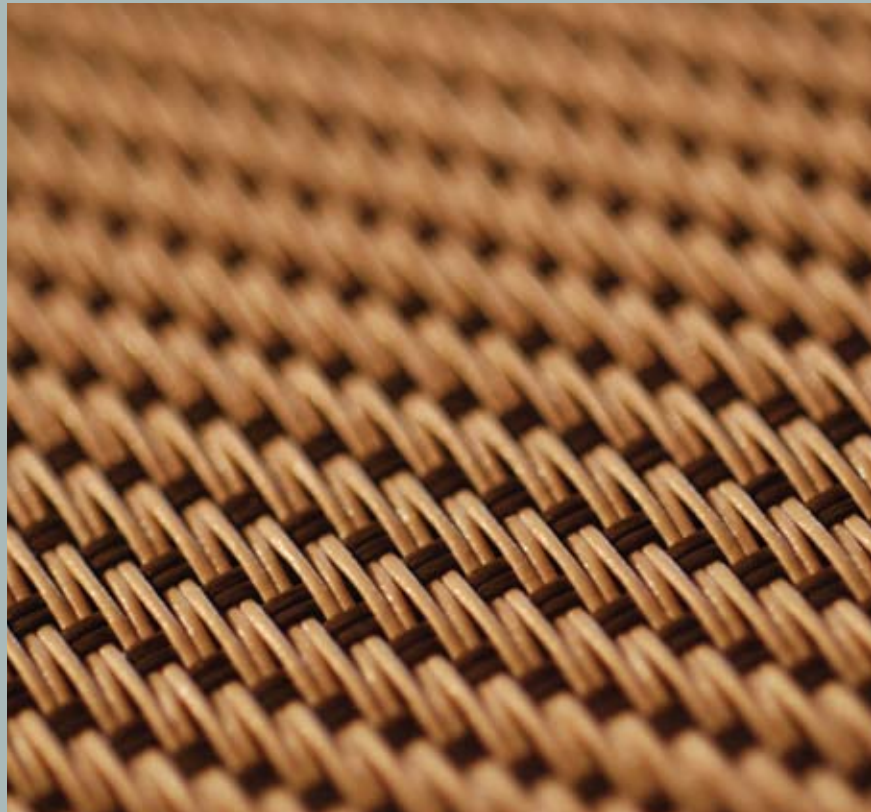
A natural blend, heralding a new way of life.

A fabric that harmonizes respect for the environment with a building's aesthetics and individual comfort.

We proudly present EcoScreen: a new line of PVC free, recyclable Sunscreen Fabrics, made from 100% PES Polyester yarn. Our fabrics are free of pollutants, allergens and halogens, and provide superior performance and promote clean indoor air quality. The result: better physical well-being and enhanced work productivity.

# responsible

eco-fabrics



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SunProject™