

shading systems

innovative

Dynamic façade shading™
Ergonomic operating systems
advanced automation

We offer a line of products which offers an extensive range of shading solutions, incorporating aesthetic design and functional shading for vertical, sloping, and horizontal glazing.

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

These designs specialize 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.

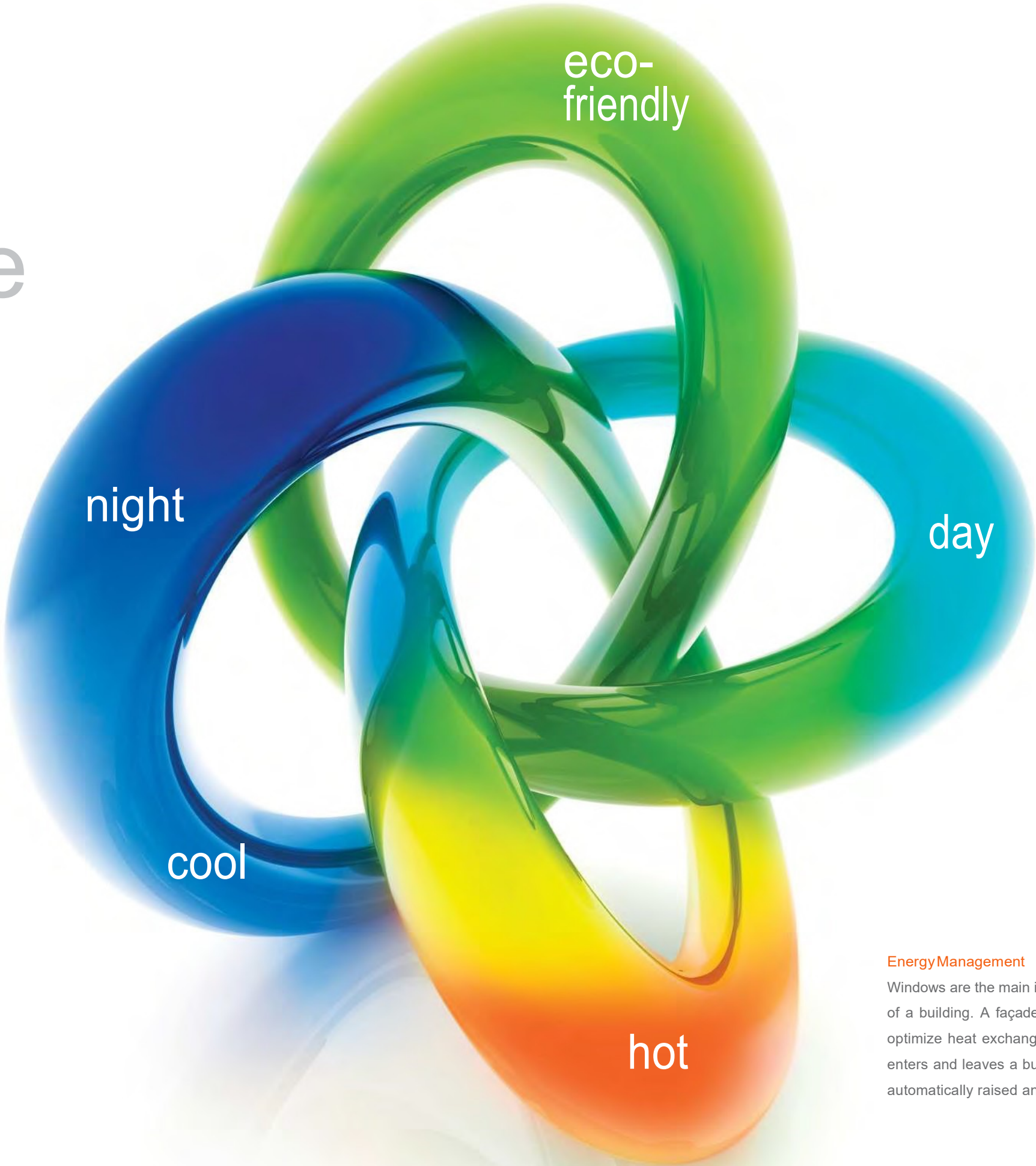
progressive

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, these systems are a natural choice for optimizing efficiency.



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.

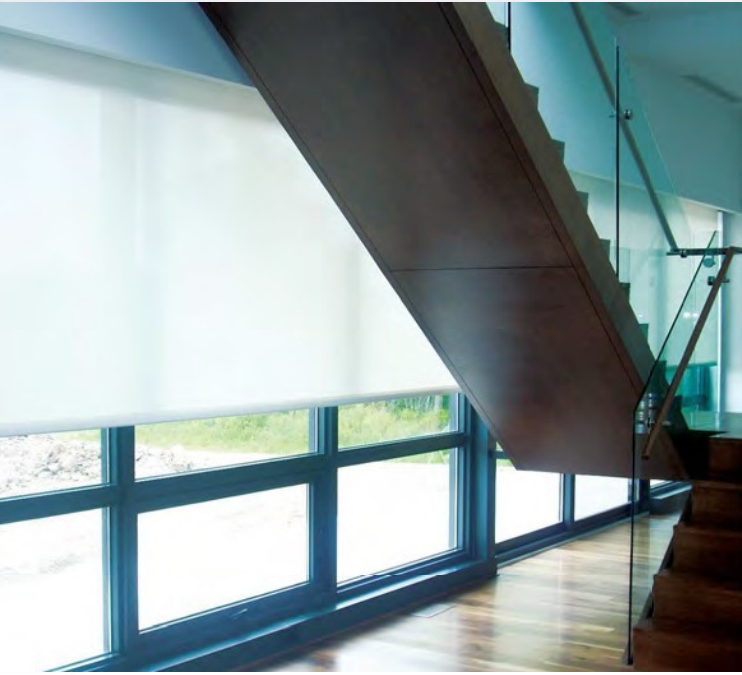
sustainable design



elegant

European designed 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 choose these products.

interior shades



comfortable

These products are 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. These products can also customize installations for dual shades, designed with special eco-friendly fabrics.

interior shades





style

Deko™ S70 cassette completely unified within an aluminum European designed system fully protects the fabric roller from dust while providing a contemporary styled roller system.

Deko™ S70 cassette with Lite-Lift™ system

effortless

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

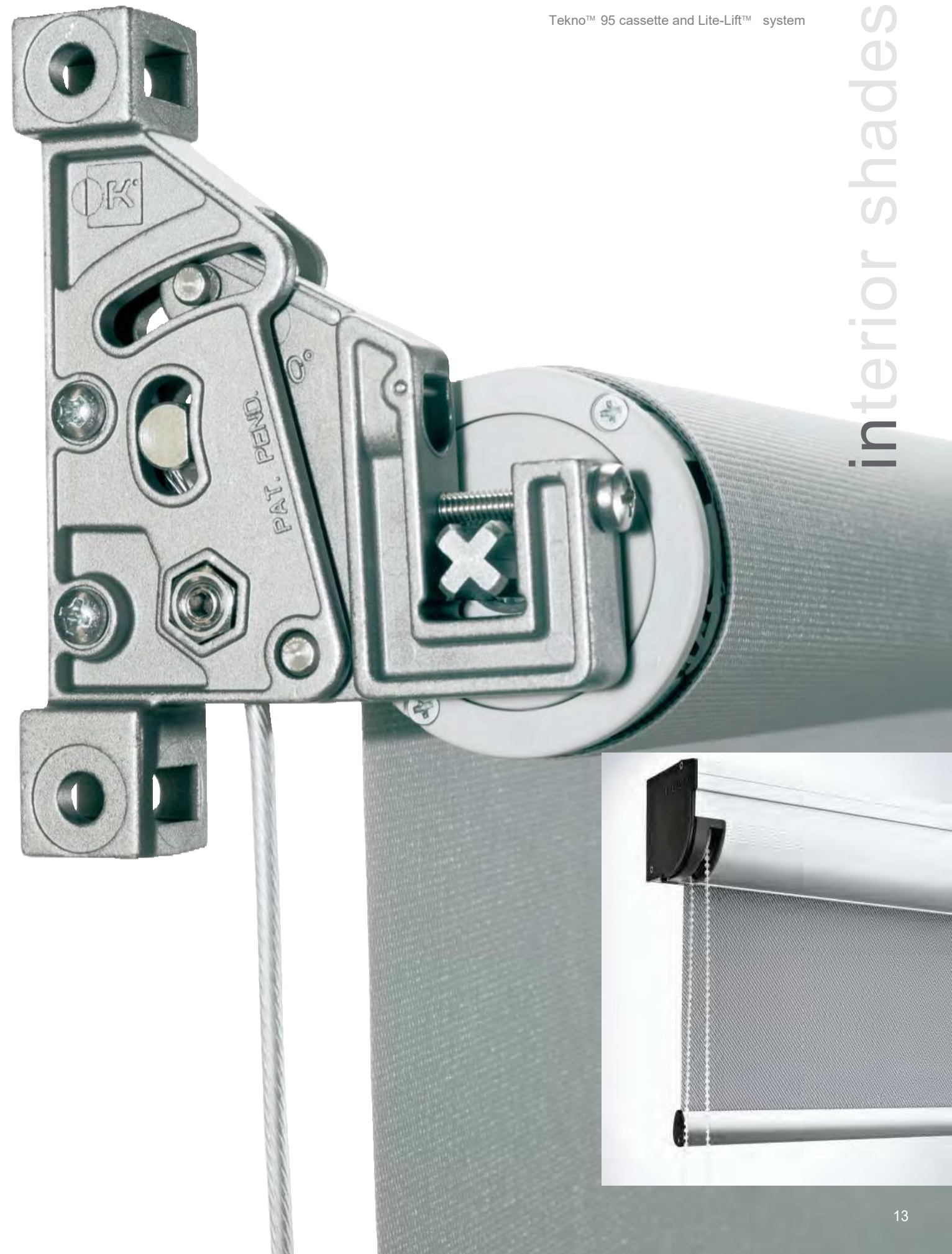
interior shades



Deko™ bottom bar



Moduline™ 85 Fascia with shade holder and Lite-Lift™ system



Tekno™ 95 cassette and Lite-Lift™ system



interior shades



sophisticated

Today's total light management systems integrate electrical lighting with natural lighting by means of a linked digital controlsystem. The built-in personal control allows users to fine-tune lighting levels for particular tasks or occasions.

These automated shades reduce glare and heat, while allowing for maximum daylighting. The systems ensure optimal use of electrical lighting as the system automatically dims or brightens according to the level of natural light.

interior shades



Alumatek™ system



interior shades

skylights

flexible



There is a variety of shading skylight 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

A total package of manageable exterior sun control devices is available. 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 a very effective way to control and reduce solar heat gain. The automated external roller shades are an ideal way to manage heat and lower energy costs, while providing glare control and daylight. They can be used on a flexible range of applications; the shade can be fully retracted and out of sight when not needed. The fabrics are durable; exterior rated and specially designed to resist the exterior elements. Rot and mildew proof; they are dimensionally stable in variable temperatures.

systems

complex

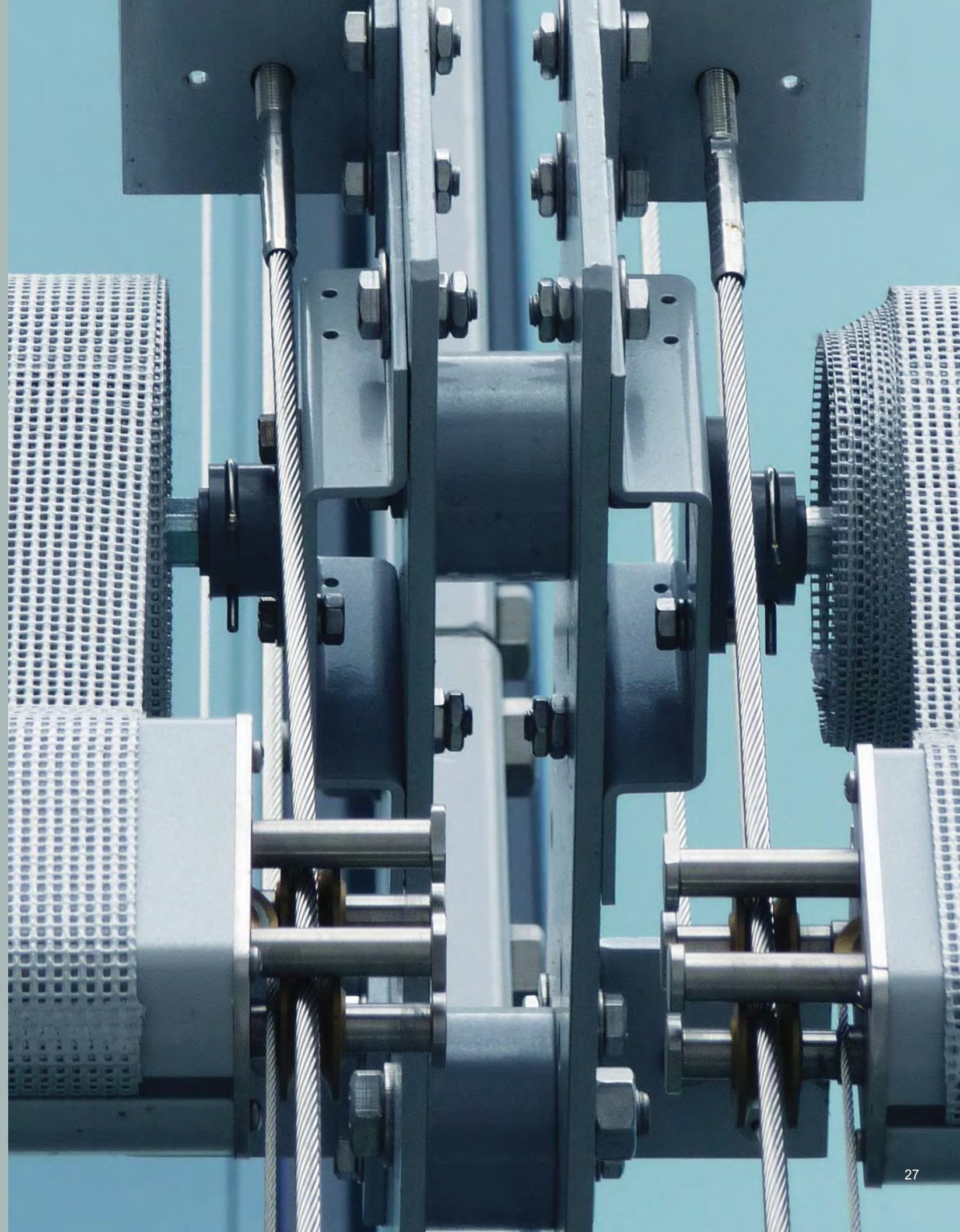
These systems offer one of the most comprehensive shading solutions available. A complex and unique customized shading solution for any type of glazing configuration is provided. We will work with your team to provide optimal practical shading solutions for any project.

advanced

We offer specialized shades, customized brackets and hardware, with special performing fabrics to meet today's challenging building configurations.



engineering



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.

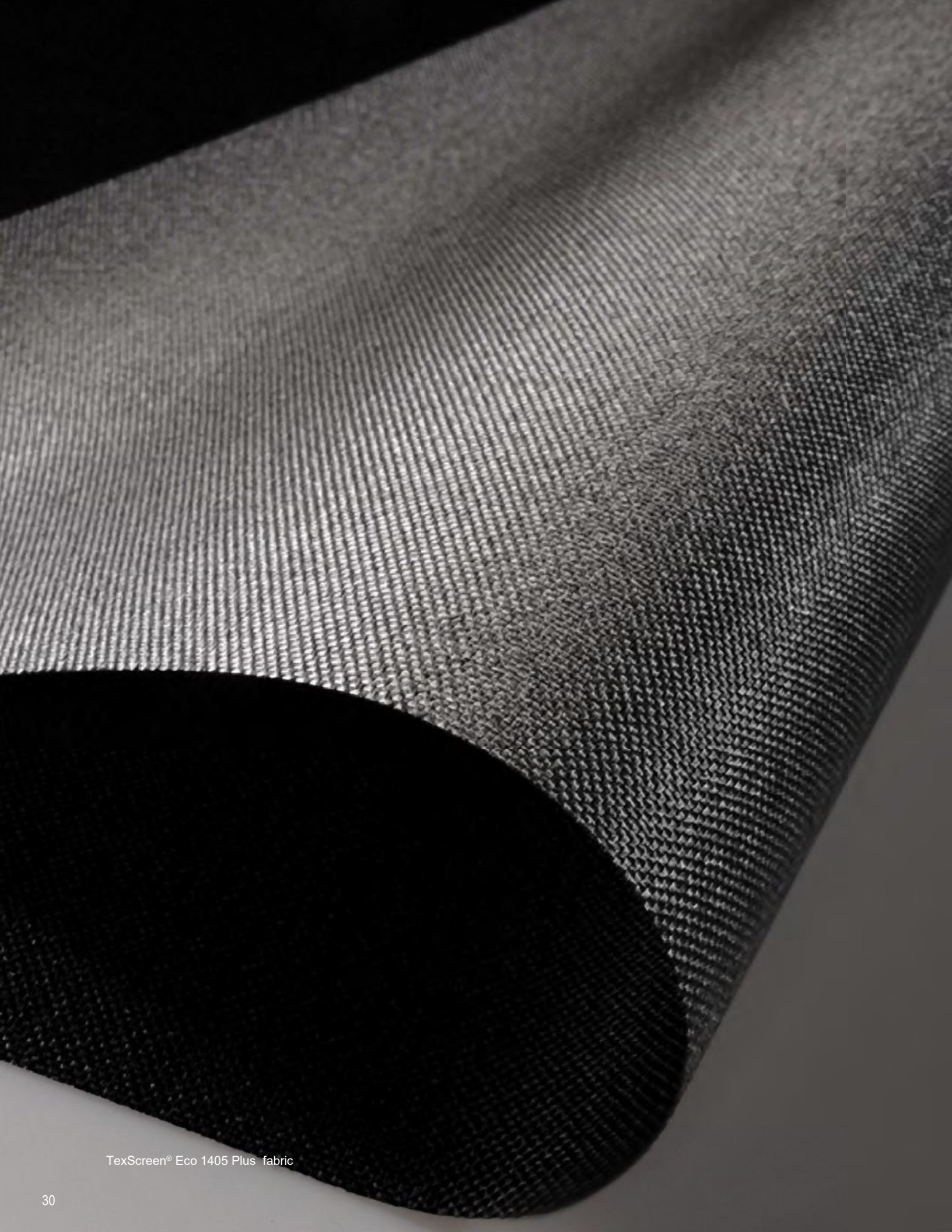


automation residential



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.





TexScreen® Eco 1405 Plus fabric

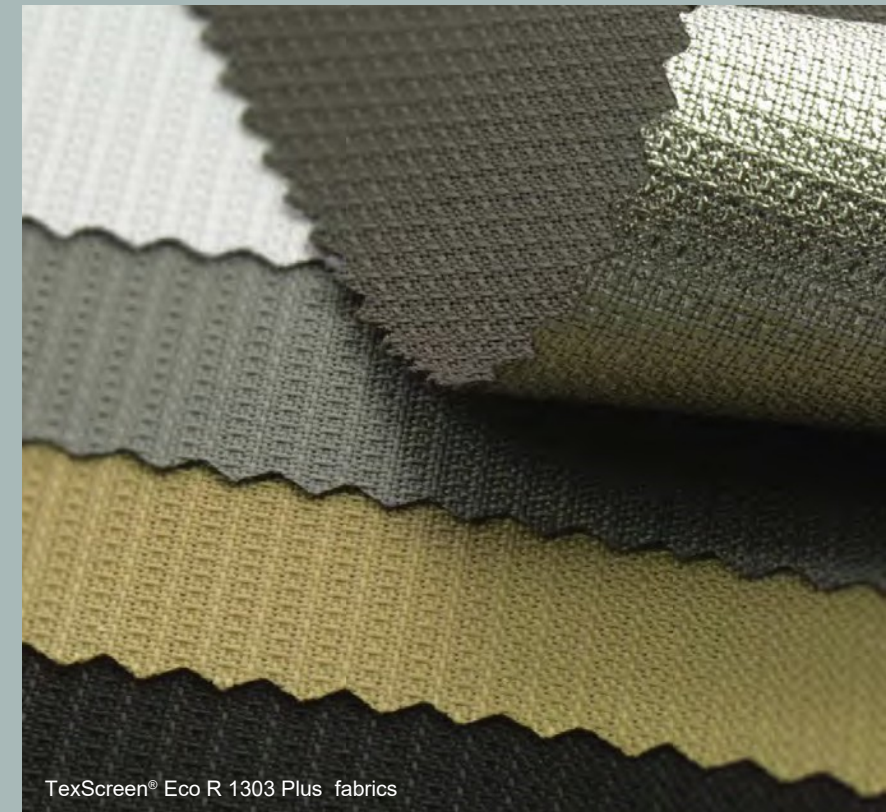
responsible

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 TexScreen™ Eco and Eco R - a line of PVC free, recyclable eco sunscreen fabrics, made from 100% PES polyester yarn and the latest evolution in green fabrics utilizing recycled plastic bottles for the Eco R series. These unique eco green fabrics also maintain the highest standards of flame resistance, durability, and thermal performance - also available in a metallized backing for maximum solar & optical performance (Plus series). 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.

eco-fabrics



TexScreen® Eco R 1303 Plus fabrics

Lutex Design Inc.

**Montreal
1615 de Louvain
West, Suite #222
H4N 1G6**

T: 514.272.2909

F: 514.272.0217

T: 866.460.9156

@: info@lutexdesign.com

W: www.lutexdesign.com

Toronto

New York City.

