SUSTAINABILITY

Mecho®

INNOVATIVE DESIGN. TRUSTED PERFORMANCE.

Parkland Memorial Hospital. LEED® Gold Certified / Dallas, TX
Photo / Carlos Rivera

COMMITMENT TO SUSTAINABILITY

With people now spending upwards of 90% of their time indoors, designing and creating innovative products and systems that prioritize environmental and occupant health is integral to Mecho's core values.

Mecho's driving principle is to maximize daylight in a space without compromising comfort. Our automated shading systems—SolarTrac®, SunDialer®, and the Wireless Daylight Sensor—are designed to raise the shades for energy savings and to maintain occupants' circadian rhythms.

For decades, Mecho has engineered daylighting solutions for the most rigorous sustainability goals. We developed EcoVeil® Shadecloth as a PVC-free solution with similar performance and aesthetic attributes as our ThermoVeil Collection. With our most recent launch of EcoVeil Sheer™, we have optimized the 100% polyester shadecloth to eliminate PVC and chemical flame retardants, continuing Mecho's commitment to occupant health.

LEED®, WELL, AND LIVING BUILDING CHALLENGE

Mecho products and systems can help you achieve third-party building certifications including LEED, WELL, and Living Building Challenge.

HEALTHY MATERIALS

Many of Mecho's shadecloths & shade systems are carefully scrutinized by third-party organizations and follow the Cradle to Cradle framework to ensure they meet optimal material health standards.

Manual Shade Systems

All configurations of Mecho's manual shade systems are Cradle to Cradle Certified™ Bronze , and, Mecho is the only roller shade company with Cradle to Cradle Certification for its shadecloth and hardware system.

EcoVeil

The first environmentally certified product of its kind. It is PVC-free, fully recyclable, UV-resistant, and Cradle to Cradle Certified v3.1 Bronze.

EcoVeil Sheer

A 100% polyester shadecloth woven with individually pigmented yarns. Inherently flame retardant, this distinctive twill is the first shadecloth to pass NFPA 701® without chemical flame retardants. It holds a Cradle to Cradle Material Health Certificate and a Declare Label.

AUTOMATED SHADING

Mecho's automated systems can help projects achieve daylighting and energy efficiency credits. Each system can be customized and programmed to meet each space's specific need.

CASE STUDY

The New York Times Building

Architect

Exerior: Renzo Piano Building Workshop
in association with FXFOWLE
Interior: Gensler

Products

SolarTrac®

When building their new headquarters, the New York Times set aggressive goals for the automated shading and automated lighting systems. Their mission was to foster high worker productivity without impinging on comfort while also maximizing energy efficiency.

Lawrence Berkley National Laboratory tested automated building systems for two years in a full-scale mock-up facility. This rigorous evaluation period led the project team to select Mecho's SolarTrac Automated Shade System—the only system that could deliver the required performance.

SolarTrac utilized predictive and responsive controls and the abilities of solar tracking, brightness override, shadow awareness, allowance for sky condition inputs, manual overrides, data logging, remote access, and reporting capabilities. SolarTrac's performance was validated by Lawrence Berkley National Laboratory in a five-year post-occupancy study.

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