

Health-Care Facilities

Window treatments for healing environments



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Solutions that meet the challenge of dynamic glass design

Heavy-duty, commercial-grade roller screens by MechoShade Systems are manual or motorized solar-shading solutions to meet the functional and aesthetic design needs of health-care facilities worldwide. From patient and examining rooms to waiting and operating rooms, MechoShades® and ElectroShades® are the shades of choice by architects and designers serving the health-care community.

MechoShade Systems' solutions meet the challenge of dynamic glass design to improve health-care environments by providing:

- optimum solar protection.
- greater use of natural light.
- lower energy consumption.

Our award winning 3000 Series shade-cloth that helps to avoid sensory-deprivation problems

Research on healing environments reveals that:

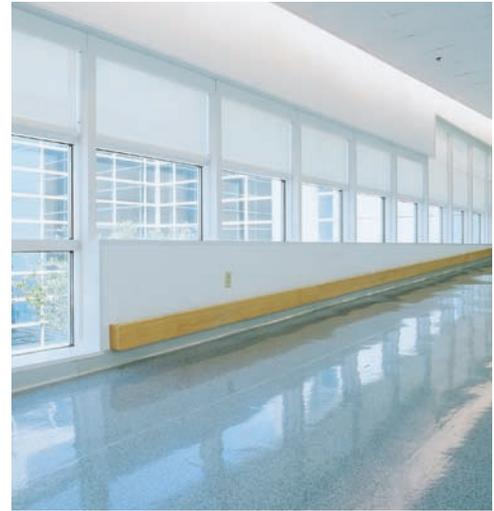
- a view to the outside may influence faster recovery from surgery.
- patients with a view of the exterior landscape may also have had shorter post-operative hospital stays.
- nurses receive fewer negative evaluations from patients when there are views to the outside.
- patients need fewer analgesic doses and receive lower scores for minor post-surgical complications, when there are window-covering controls at their bedside.

Window-shading control that fosters shorter hospital stays

Our shade systems with ThermoVeil® shadecloths:

- permit patients to have hands-on control of natural light and outside views.
- provide a significant reduction in solar-heat gain.
- appreciatively diminish glare in the upper portion of the window, while providing a view and natural light to enter in the lower portion of the window.
- includes the 0900 Shadecloth Series with a 0-1% density especially woven for hospitals to provide diffused daylight and privacy at night.

Nightingale Award winner



The connecting hallway. Sarasota (FL) Memorial Hospital Critical Care Tower. Stanzone Associates, designer.

The ThermoVeil® Shadecloth Series, winner of the Nightingale Award, has a 1-2% openness factor to help avoid the problems of sensory deprivation caused by blackout conditions during daylight hours. This means that patients will adjust more quickly to their diurnal rhythms and sleep cycles and, thus, heal better during the evening hours.

Antibacterial and low maintenance

The antimicrobial properties of our shadecloths discourage the growth of micro-organisms such as staphylococcus, fungus, and mildew. Independent laboratories have provided evidence that the shadecloths are less toxic than burning wood, wool, or cotton.

MechoShade Systems' proprietary hardware components are simple, yet heavy-duty in construction. The shadecloth band can be removed for cleaning, maintaining, and sanitizing via our SnapLoc® spline; dismantling the special grooved aluminum tube is unnecessary. Silver-nitrate stains and bloodstains can be washed out.

Control systems

ElectroShades® are available with several types of optional control systems that range from mid-window-alignment configurations to computerized sun-tracking systems for building management, such as MechoShade Systems' innovative SolarTrac®.

Patients with control over their environments

Particular for hospitals, MechoShade Systems' Bed Interface Unit:

- provides patients with the ability to operate ElectroShades® from their bedside without assistance.
- features a simple one-button design.
- enhances patient empowerment.
- interfaces with the wiring of a hospital bed by a major manufacturer.

Manual MechoShades® can include a LAM (Lift-Assist Mechanism) for patients with limited grip strength.

Warranty

The Mecho®/5 system incorporates a limited lifetime fit-for-use warranty on all hardware and shade cloths, with exceptions. The ElectroShade® system includes a limited lifetime warranty on all hardware and shade cloths, and five years on motors and electronic controls. "Lifetime" connotes "for the life of the interior project for which it was originally purchased, not to exceed 25 years."

Contact MechoShade Systems, Inc., for complete warranty parameters.



Dining facility. Duchossois Center for Advanced Medicine, University of Chicago. OWP/P, architects.



Patient room. Massachusetts General Hospital. Hancock & Hancock, architects.



Patient room. University of Arkansas Medical Science. Stuck/Mott Group, architects.



Patient room. University of Arkansas Medical Science. Stuck/Mott Group, architects.



Children's room. Newborn Intensive Care Unit (NICU), Children's Medical Center of Dayton, Ohio. E. Lynn App Architects, Inc.



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**MechoShade
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 The Architect's Choice

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