



Shades of LEED



FlexShades Solar Control Shading Systems

Draper FlexShades should be an important part of your next LEED project. By controlling both heat and light, window shades help reduce energy costs and glare while preserving “view-through” ability.

Draper’s most recent white paper, **Shades of LEED**, provides an in-depth explanation of how our solar control shading systems can contribute to LEED points and credits.

This document was prepared by Paul R. Bertram, Jr., FCSI, CDT and LEED AP, an independent expert on the LEED rating system and intended design strategy. In the white paper, Bertram describes the benefits of Draper Flex-Shades and reviews the specific LEED points and credits they can contribute to. **Shades of LEED** is a must read for anyone who is working toward LEED certification for a project.

To view the 16-page **Shades of LEED** white paper, go to: www.draperinc.com/moreinfo/windowshades/green.

FlexShades: Energy Savings Benefits

Window shades are the most effective and flexible way to receive the benefits of daylight, yet manage the light and heat entering a room. Control the heat and light, and you have control over energy costs.

To view our energy savings simulations showing the effect of window shades on energy consumption, go to: www.draperinc.com/moreinfo/windowshades/green.

Daylighting

Successful daylighting designs utilize solar control systems to maximize natural light while controlling glare and excess contrast. Daylighting benefits include increased employee productivity and satisfaction.

Motorized Shades and Controls

Regardless of the fabric type selected, maintaining the best balance between maximum energy efficiency and daylighting benefits is a task best accomplished with motorized shades and programmable control systems.



Fabrics

All of Draper's window shade fabrics offer energy saving and daylighting benefits. Many Draper fabrics meet rigorous standards for indoor air quality, and some are also 100% recyclable. PVC-free fabrics provide an environmentally friendly solar control solution. For more information about Green Window Shade Fabrics, go to: www.draperinc.com/moreinfo/windowshades/green.



The GREENGUARD INDOOR AIR QUALITY CERTIFIED® Mark is a registered mark under license through the GREENGUARD Environmental Institute.

The GreenGuard® logo refers to SheerWeave® Series SW2000/2100/2400/2600/2900 fabrics by Phifer.



The GreenSpec® logo refers to PVC-Free Fabrics: Screen Nature, 1277 and 1260 by Hexcel; SheerWeave® Series SW7000 by Phifer; Roc-rol™ by Rockland; and Flocke and Obion by 3-G Mermet.



The TaxyLoop® and Confidence in Textiles logos refer to Soltis® 99 fabric by Ferrari.



Screen2® (XL2®) by Hexcel, Blanc/bronze fabric, North Park Branch Library, Evansville, IN. Installation by Spindletop Draperies, Louisville, KY. Photography by Barry Rustin, Evanston, IL.



Coupled Motorized FlexShdes with SheerWeave 2600 fabric at Alvin Ailey American Dance Theatre—The Joan Weill Center for Dance. Architects: lu + Bibliowicz Architects LLP. Photography © 2005 Bruce Katz. All located in New York, NY.

The **Shades of LEED** report was prepared for Draper by Paul R. Bertram, Jr., FCSI, CDT, LEED AP 09.06.

Paul R. Bertram, Jr., is President and CEO of PRB Connect. He is a Fellow of The Construction Specifications Institute and is a member of: the National Institute of Building Science, the American Institute of Architects (allied member), the International Code Council (committee chair of ASTM-E 2129 and member of the E-06 committee on sustainability), the U.S. Green Building Council, the Florida Green Building Coalition, a board member of the GBI (Green Building Initiative), RCI, SCIP, and the Sustainable Building Industry Council.

To obtain the full 16-page Shades of LEED white paper, go to: www.draperinc.com/moreinfo/windowshades/green.



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(On the front) Motorized FlexShades with SheerWeave 2000 fabric. Carol Grotnes Belk Library, Appalachian State University, Boone, NC. Architects: Pease Associates, Inc., Charlotte, NC; Shepley Bulfinch Richardson and Abbott, Boston, MA; and McCracken & Lopez P.A., Charlotte, NC. Installation: Bonitz Contracting Company, Inc., Concord, NC. Photography: Martin Fox Photography, Fairview, NC.