

The Architect's Guide to InSync Build & Design



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Interior Solutions

InSync Solar Interior Shading Solutions focuses on the robust options for Interior Solar Shadings. As you can see in the photo below, the shade is designed by selecting among choices in Fabrics, Top Treatments, Function (Motorized or Manual) and Controls. Finally, with the help of an InSync Solar Engineer, your Engineered Shading Solution can be built and installed.



Fabric Solutions

InSync Fabrics is our collection of Engineered Shading Solution fabrics. Selected for its technology to control the light, regulate thermal energy transfer and remedy glare as well as to offer the architect and designer great looking fabrics.

Sustainable Fabrics: Our collection of Sustainable Fabrics includes three great fabrics that provide superior energy efficiency and are eco-friendly.

Designer Fabrics: Our collection of Designer Fabrics offers a range of elegant fabrics in a wide range of textures, colors and opennesses.

High Performance Fabrics: Our collections of High Performance Fabrics include 3 fabrics that provide the highest level of heat reflection for indoor solar shading solutions.

Blackout Fabrics: Our collection of Blackout Fabrics comes in 4 choices ranging from a basic cloth to a high end residential fabric.

Hardware Solutions

Hardware selection is a crucial step in the solar shade selection process. Choose from hembar and chain options, top treatment's and light block solutions.

Hembar & Chain Options: Choose an exposed Hembar in White, Black, Bronze, Ivory or Aluminum finishes. Fabric wrapped hembars are also available. Chain for clutch operated shades is also available in nickel, black or white finishes.

Top Treatments: Choose from an array of top treatment options including fascias, brackets and headboxes.

LightBloc System: When complete blackout is required, the InSync LightBlock System provides total light blockage. No light gap at the headbox side channel connection. Light proof hem bar recessed into light proof side channel.

Manual Solutions

Manual InSync Solar Shades are a sensible choice for standard window treatments. Choose from a wide range of attractive, light-filtering and light-blocking fabrics to enhance a building's energy efficiency.

Clutch Operating System: 10lb, 20lb, and 24lb clutches available, depending on the size of shade and the fabric selected. Shades stop when chain is released.

XD Clutch: A premium clutch designed for the most demanding applications. Our XD clutch provides smooth, quiet operation even for larger clutch-operated shades. Internal rotation bearing ensures smooth, quiet operation.

Crank Operating: Crank-operated Flex Shades offer complete reliability and precise light control, with minimal effort. Even the largest shades operate smoothly.

Spring Rollers: Simplicity of design, durable materials and careful workmanship make InSync Spring Roller Shades America's first choice for institutional-quality light control and room darkening shades.

Motorized Solutions

No one offers more motor options than InSync Solar. We have a solution for any application. Whether you are looking for quiet motors, motors with built-in radio receiver, battery or low voltage operation, we have a solution. You will find details on our complete motor offering below.

Battery Motor with 12V Battery Pack: Battery powered motor with built-in radio receiver. Includes 12V battery pack. No wiring required. Compatible with wireless Radio Technology Controls shown below.

24V DC Quiet Motor: 24V DC Quiet motor with built-in radio receiver. Operates at 44Db. Requires 24V transformer. Low voltage wiring does not require an electrician. Compatible with wireless Radio Technology Controls shown below.

Intelligent Technology Motor: Motor with built-in low voltage controller with 3-wire pigtail and data cable. No external motor controls required. Great motor for integration into automation systems. Compatible with Intelligent motor controls shown below. Available with optional three prong plug for plug-and-play operation.

SolarPac: The new InSync SolarPac harnesses renewable solar energy to power InSync motorized window coverings. This latest innovation from InSync Solar sheds new light on solar motorized window coverings

Control Solutions

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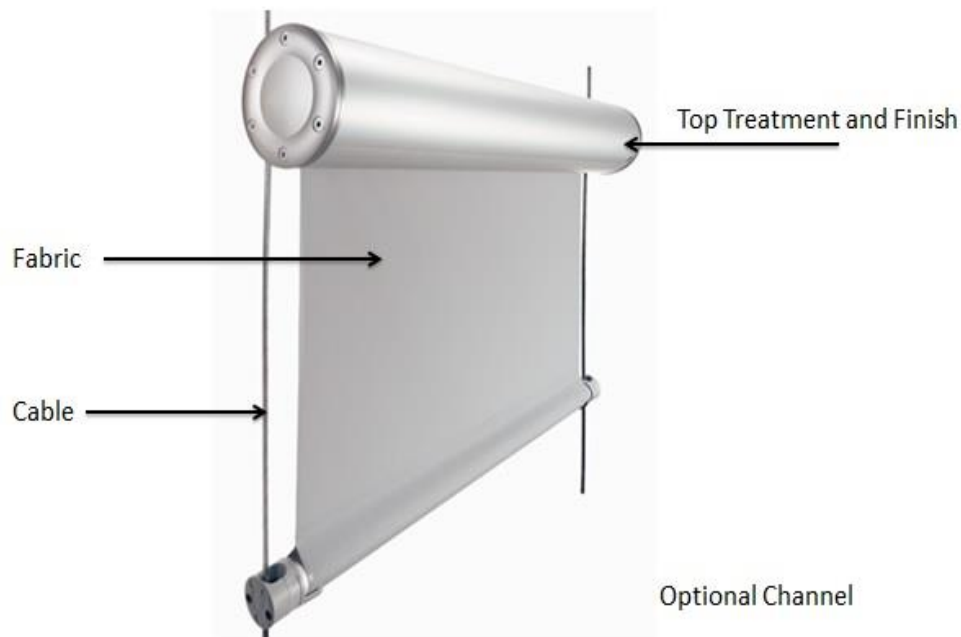
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InSync Tahoma: A new home automation system that gives you total control over the critical energy-management devices in your home: motorized interior and exterior window

coverings, lights and thermostats. With TaHomA, you can manage the balance between natural light, artificial light and temperature to maximize your home's energy savings with the convenience of one-click control both at home and away.

Exterior Solutions

InSync Solar Exterior Shading Solutions focuses on the robust options for Exterior Solar Shadings. As you can see in the photo below, the shade is designed by selecting among choices in Fabrics, Top Treatments, Function (Motorized or Manual) and Controls. Finally, with the help of an InSync Solar Engineer, your Engineered Shading Solution can be built and installed.



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Exterior Fabrics: Our collection of Exterior Shade Fabrics include 3 fabric choices in a variety of openesses.

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Hembar & Chain Options: Choose an exposed Hembar in White, Black, Bronze, Ivory or Aluminum finishes. Fabric wrapped Hembars are also available. Chain for clutch operated shades is also available in nickel, black or white finishes.

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Panel Track

InSync's Panel Track window coverings are a great choice for sliding doors and other wide openings. Matching hardware and fabric options, so they combine beautifully with solar shades in the same room. Panels glide smoothly into place through the use of an operating wand. Install alone behind fascia for a clean window treatment, or layer with other window treatments using simple mounting brackets.



- Aluminum operating wand in your choice of three sizes: 36", 48", or 60"
- Optional front curved fascia panel in ivory, bronze, white, black or clear anodized finish.
- Accommodates 2 to 8 fabric panels
- Straight line or split draw operation

Fabric Solutions

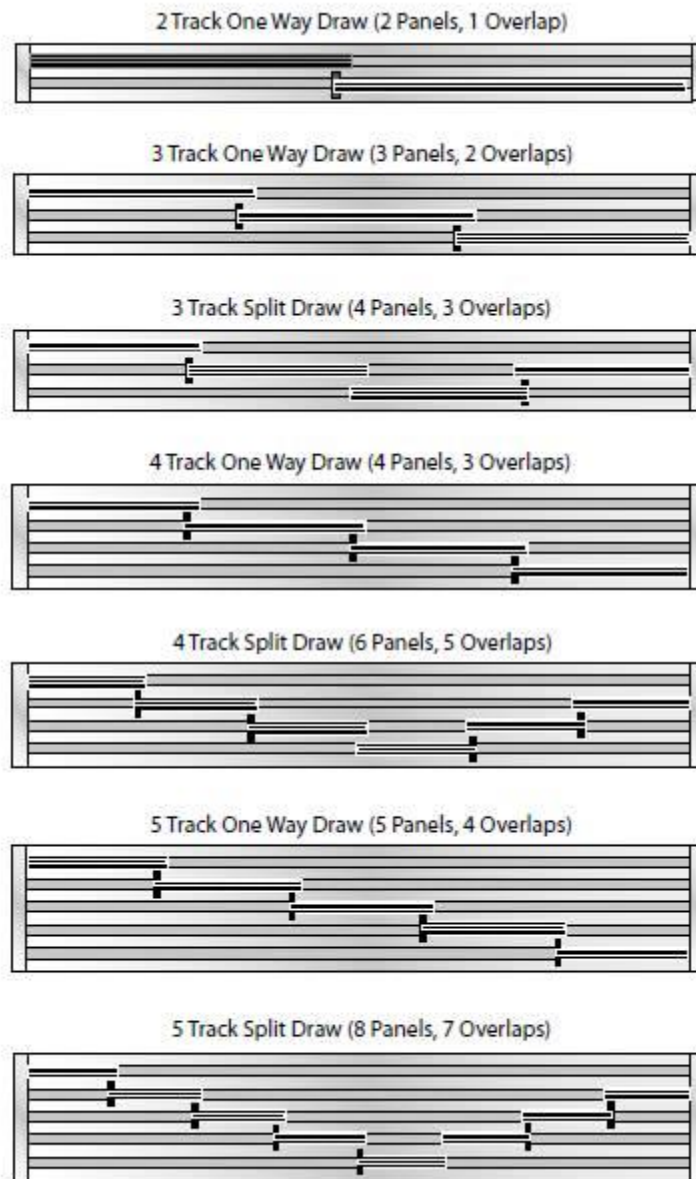
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Solar Roman Shades

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Manual Solutions

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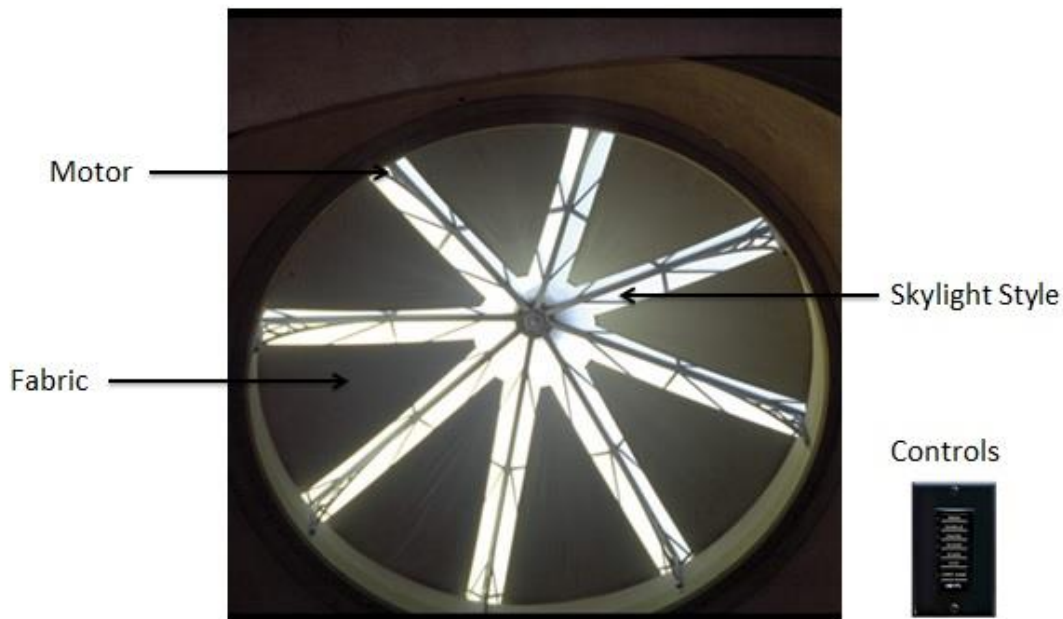
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Skylight System

An unprotected skylight can generate intense heat and glare. InSync Skylight Shading Systems are the ideal remedy. Inconspicuously recessed into the skylight opening, an InSync Skylight Shading System provides solar and UV control to protect people and furnishings. We recommend lighter color fabrics and hardware to absorb less heat. Venting space between shade and glass highly recommended. Choose motorized or crank—both are a breeze to install and are engineered to be durable and reliable.



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Graphic Shades

You provide the artwork, and DWF Contract will print your logo or graphic. We use a high quality, digital four-color process to ensure a crisp, clear image.



- Ideal when restrictions are imposed on signage.
- Put your logo or ad on the side of the shade facing out, and display it to the world.
- Graphic can be printed on either side of the shade.
- Ask us for any restrictions and available fabrics.
- Available in virtually any model of InSync Solar Shades.

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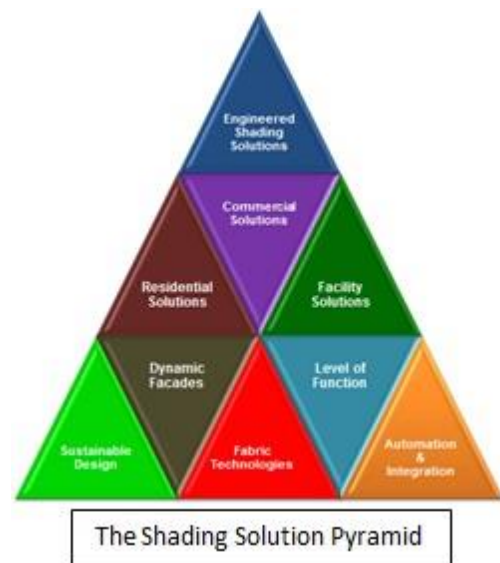
Engineered Shading Solutions

Decorating with Fabric has been providing Engineered Shading Solutions to Architects and Designers for over 25 years. From blinds and shades to sophisticated digitally controlled shading systems, Decorating with Fabric is simply The Architect's Choice for window coverings, drapery and upholstery.

Dedicated to the professional, Decorating with Fabric is an AIA CES provider of excellent educational programs to assist the Architect in the designing and specifying of Engineered Shading Solutions. As the Architect's Shading Consultant, Decorating with Fabric can assist from concept, design, layout, wiring diagrams, specification writing, and fabrication to installation. This is unmatched in the industry.

The Shading Solution Pyramid, created by Decorating with Fabric is a strategy for Architects and Designers in designing and specifying successful window covering applications. The base of the pyramid begins the 5 areas that need to be understood for Engineered Shading Solutions to be created.

The experienced staff at Decorating with Fabric works with Architects in order to provide Engineered Shading Solutions. If your firm is engaged in a project that requires Shading Solutions, we can provide consultation, drawings, specifications, as well as fabrication and installation. Our areas of expertise include: The mid-level of the Pyramid allows the Architect to provide actual solutions to Residential, Commercial and Facility type projects. The top level of Engineered Shading Solutions is achieved after



both function and form are addressed and the specifications and drawings can be completed.

- Which Shading System strategies can apply to earning points for LEED.
- How to integrating Engineered Shading Systems into today's Dynamic Facades.
- How to select which Shading System Fabric Technologies to control the light, regulate thermal energy transfer and remedy glare issues.
- How to determining the Level of Function of the Shading System required for the project.
- How to choose the Controls, Automation and Integration required of the Shading System.

No matter what the project, from Residential to Commercial to Facilities, we can offer advice.

Residential Solutions

Shading Solutions for Residential projects can start with simple manual systems that control shades, blinds, shutters or draperies. As a *Workroom to the Trade*, we can offer any type of Shading Solution that can incorporate sophisticated automated control devices that can integrate with other A/V systems as well as stand-alone options that offer remote access to the Shades, Lights and Thermostats.

Commercial Solutions

Our Commercial projects include Office, Hospitality, Healthcare, Restaurants and Retail. Utilizing the latest wireless control systems, many Commercial projects have rave reviews with our unique and reliable Shading Solutions. Our Light Block Shading System eliminates light seepage for specific pitch-black situations. The InSync Skylight Shading System 2 is designed specifically for applications where a very large Skylight shade is needed can reach sizes up to 13' wide and 20' long.

Facility Solutions

Facilities are large buildings, where the Shading Solutions are integrated with the Building Façade. These Shading Systems are typically controlled through a Digital Network that offers robust, flexible virtual controls. In areas such as large Atriums, you may find our Colossal Shades which come up to 28' wide and 40' high.

Finally, if your firm needs guidance on your next project, we are the experts in Engineered Shading Solutions. We can be engaged as a consultant alone, or handle the complete project that includes the fabrication and installation. We look forward to hearing from you.

The Solar Shade Pyramid System is a breakthrough way of designing and specifying successful solar shade projects. The system works through the idea of function before form. With the advent of technological advances in solar shadings, they have become more than decorations and should be considered part of a building management system.

"Sustainable design is a collaborative process that involves thinking ecologically—studying systems, relationships, and interactions—in order to design in ways that remove rather than contribute stress from systems."