

Great American Solar Screens

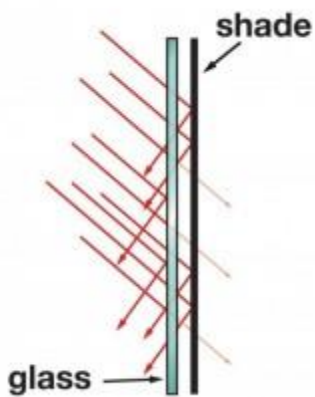
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Like Sunglasses for your Windows!

How Solar Screens Work

Solar Screens Block the Sun's Rays, but Not the View!

Solar screen fabric is available in a wide variety of colors, styles, and openness factors to meet almost any criteria. These fabrics fall into three categories; dark fabrics, light fabrics, and high performance reflective fabrics, all of which provide:



- Glare Control
- Heat Control
- Natural Light Management
- View through connection to outside
- Manage Light
- UV Protection

Block Infrared Rays (we feel those as heat)

- Decrease the heat gain through the windows
- Increase visual comfort
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Dark-colored Solar Screen Shades

Dark fabrics provide excellent glare control by reducing the visible light that comes through the fabric. Fabrics that block 94%-96% of the visible light provide excellent glare control characteristics, and will absorb some heat and keep it at the window until it dissipates into the room. In applications where passive solar warming and glare control are desired, dark colored solar screen fabrics are optimal.



- Higher AS (Solar Absorbance) values mean more light and heat is absorbed,
- Lower VLT (Visible Light Transmission) values mean less light passes through the fabric, resulting in excellent glare control

Light-colored Solar Screen Shades



Light colored fabrics are more effective at reflecting heat, and allow more visible light into the room. Fabrics that block 80-90% of the visible light are an excellent choice for providing more light where windows are small, and in common areas where a lighter, brighter ambience is desired. Light is filtered, and view through the fabric is similar to a sheer drapery.

- Higher RS (Solar Reflectance) values mean lighter colors reflect more heat away
- Higher VLT (Visible Light Transmission) values mean more daylight is allowed to pass through