



Dear Customer

When you are considering how to deal with window issues in your home or facility here are some facts about various product options that you need to consider before you buy.

Solar Shading Products:

Solar shading products basically shade our windows while blocking natural sunlight from entering (97%). The radiant energy is converted into heat on the outside next to the window and can become very hot. Most forms of solar shades blinds do not have the ability to reflect sunrays that cause heat buildup. Shades block our view through our windows. Screens typical openness factor is 3 – 5%. The investment in screens can be recovered, but at what cost to potential external issues. They do offer partial relief from direct heat. They also age quickly and need regular maintenance.

Window film:

Can offer reasonable (average of 30 - 35%) relief from solar gain. They reflect radiant energy back out the window in the summer but they also do it in the winter when you want solar heat gain, thus potentially causing heating bills to increase during the winter seasons. Window companies do not honor warranties if film has been added to them. When exposure to solar radiance, the inside pane of glass will heat up because the radiant energy is converted into heat on the inside of your home or office. You now have potentially high levels of secondary radiant heat to deal with as the benefits of reduced solar transmission is realized. The percentage of light loss (and loss of visibility) is higher with the increased level of solar protection. Low cost film can be a real problem esthetically (peeling, scratching and cracking) and then is very hard and expensive to remove.

Solar Comfort Products: Solar Radiant Barriers

Provides the highest level of overall protection from solar heat gain. (Total performance.) 63% to 72% reduction of radiant energy. In summer, the reflection of raw radiant energy is done while it is still in a cold electromagnetic wave form, before it is converted into heat. Barrier does not touch glass and therefore will not transfer heat directly onto interior glass. Offers protection without “blinding” your external view. Sheer elegance! Low light level loss and can actually improve visual perception because of glare control. Provides UV protection without blocking the healthy benefits of natural light (vitamin D). Reduces the fading of furniture, pictures, paintings, flooring, and more. Controls glare. Easy on the eyes and great for working in computer environments. Can help stabilize enveloping issues (cold and hot) during all the seasons of the year. Provides the highest level of creature comfort in our working environments. Reduce daily variances in home and office temperatures during all seasons. Offers the highest potential for true energy savings. (Reduction in AC and Heating costs) Offers excellent paybacks on investment. (typically 3-4 years.) Return on Investment usually more than 30%. Why save a little when you can save a lot? Offers the highest reduction in carbon emissions. A true “Green Product”. Product offers engineered solutions to heat gain and heat loss through window systems. Can be installed in a number of stylish and complimentary product forms.
It is the only window covering product line that is Space Technologies Certified.
NASA originally developed the type of radiant barrier that we use in our products.

Products are only for those who are truly serious about addressing issues about **energy savings** and **greatly increased creature comfort**.

Which do you prefer, a band aid approach or an engineered solution?