

## Site

Multiple Waterfront Properties

## Location

West Coast of Florida

## Window Film

Mirage Safety V38 SR PS8

## Product Series

Safety & Security Series



## SITUATION

Jan Oden is at the helm of two successful design and construction firms, Oden-McLaughlin Homes and Oden-Hardy Construction. Her firms conceive and build new and renovated custom homes as well as retail and commercial properties. Jan's extraordinary talents, which she attributes to her parents, enable her to compete vigorously in the male dominated construction industry. "From my parents, I inherited the ability to perceive things spatially and to implement my creative ideas from conception to completion."

To capitalize on the serene environs of the Florida Gulf and Sarasota Bay areas, Jan makes sure that every advantage is taken of the spectacular views that abound at all client projects. Her firm's designs, which run the gamut from traditional to contemporary, frequently make use of spacious room settings and panoramic windows inviting the outside in to achieve a sense of oneness between home and landscape.

Oversize windows are often an intrinsic part of the aesthetic design and yet, inevitably bring solar problems that have to be solved. Sunlight brings heat, glare, and damage to interior furnishings.

## SOLUTION

Jan is very much aware of the costly damage that can accrue to her designs through untamed sunlight. She depends on the installation of Vista™ by LLumar® solar control window film to help protect fabrics and furniture and to provide a year round day-long comfortable indoor ambience with even temperatures. "Panoramic views and Vista Window Film are a perfect duo. I can trust Vista to take care of interiors while providing my clients with indoor comfort and protection. Moreover when installed professionally, Vista films are virtually invisible, so often no one knows they are there," says Jan.

At a recent client renovation and at her own lovely home, Jan arranged for Vista™ by LLumar® V38 Mirage Safety Film to be installed to block more than 99 percent ultraviolet rays, helping protect against premature fading.

## RESULT

Ultraviolet rays and heat are the principal causes of the fading of furniture, carpets, wood floors, and works of art. Vista V38 Mirage also helps reduce solar heat and glare to provide a more cool, comfortable interior. Silicone sealing was chosen to add further protection against the harsh windstorms that can occur on this Florida coastline. The film also helps hold glass fragments in place in the event of breakage.

Vista window film is the clear answer to helping preserve views, improve comfort, save energy and help reduce fading.



**Performance Data**

|                                     | % Total Solar Transmittance | % Total Solar Reflectance | % Total Solar Absorbance | % Visible Light Transmittance | % Visible Reflectance (exterior) | % Visible Reflectance (interior) | Winter U-value | Shading Coefficient | % Ultraviolet Ray Protection (wavelengths 280-380nm) | Emissivity | Solar Heat Gain Coefficient | % Total Solar Energy Rejected | Light-to-Solar Heat Gain Ratio (LSG) | % Summer Solar Heat Gain Reduction | % Winter Heat Loss Reduction | % Glare Reduction |
|-------------------------------------|-----------------------------|---------------------------|--------------------------|-------------------------------|----------------------------------|----------------------------------|----------------|---------------------|--|------------|-----------------------------|-------------------------------|--------------------------------------|------------------------------------|------------------------------|-------------------|
| Clear Glass                         | 83                          | 8                         | 9                        | 90                            | 8                                | 8                                | 1.03           | 1.00                | 29   | 0.84       | 0.86                        | 14                            | 1.05                                 | -                                  | -                            | -                 |
| <b>Safety &amp; Security Series</b> |                             |                           |                          |                               |                                  |                                  |                |                     |  |            |                             |                               |                                      |                                    |                              |                   |
| Mirage Safety V38 SR PS8            | 31                          | 25                        | 44                       | 39                            | 25                               | 18                               | 1.06           | 0.52                | >99  | 0.88       | 0.45                        | 55                            | 0.87                                 | 48                                 | -2                           | 57                |

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The solar performance data reported for LLumar architectural window films was captured using the National Fenestration Rating Council's (NFRC) standard guidelines for window film solar performance measurement as measured on single pane, 1/8 inch (3 mm), clear glass. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties. \*Films do not eliminate fading—they reduce it. UV rays and heat are contributing factors to fading but other factors exist. For further information see LLumar.com/download-library. ©2006, revised 2016 Eastman Chemical Company. VISTA™, the VISTA® logo, LLumar®, the LLumar® logo and Enerlogic® are trademarks of Eastman Chemical Company or one of its wholly owned subsidiaries. As used herein, ® denotes registered trademark status in the U.S. only. (11/16) SP1142