

NFRC Certification - All Window Films Are Not Created Equal

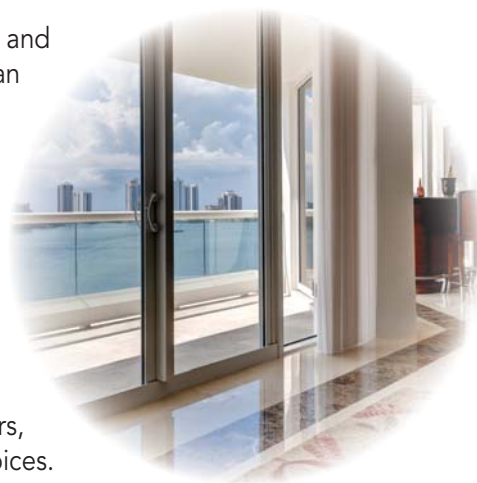
When choosing a window film for your home or business there are many things to consider. One of the most important things to consider is the way in which the film's benefits are measured. There is an array of benefits window film provides – energy savings, fade reduction, glare control, safety – and all can be measured in a variety of ways.


What NFRC Certification Means To You

To ensure that the energy properties of the product you are selecting are accurate and truthful, it is important to make sure the product you have selected has been tested by an independent, third party source.

Almost all Madico residential and commercial films have been certified by the National Fenestration Rating Council (NFRC). The NFRC is a non-profit organization that administers the only uniform, independent rating and labeling system for the energy performance of windows, doors, skylights, and attachment products.

The NFRC currently certifies energy performance ratings for over 1.67 million product options from more than 500 manufacturers. Their goal is to provide fair, accurate, and reliable energy performance ratings so that architects, builders, code officials, contractors, homeowners, and others can compare different products and make informed product choices.



 NFRC ATTACHMENT RATINGS							
Madico, Inc. RS 40 DA SR CPD # ADI - K -091 (Interior) <small>This rating uses reference product energy performance - actual product performance may vary.</small>							
ENERGY PERFORMANCE RATINGS							
Reference Product		U-Factor		Solar Heat Gain Coefficient		Visible Transmittance	
Type	Glazing	w/o Film	with Film	w/o Film	with Film	w/o Film	with Film
Residential	Single Glazed Clear	1.08	1.01	0.72	0.38	0.74	0.36
	Double Glazed Clear	0.70	0.68	0.64	0.42	0.67	0.33
Non-Residential	Single Glazed Clear	1.02	0.93	0.73	0.40	0.78	0.38
	Single Glazed Gray	1.02	0.93	0.52	0.35	0.39	0.19
	Double Glazed Clear	0.59	0.57	0.63	0.44	0.69	0.34
	Double Glazed Gray	0.59	0.57	0.41	0.31	0.35	0.17

Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.
www.nfrc.org

Understanding The NFRC Label

The NFRC label reports the U-factor, solar heat gain coefficient and visible transmittance of window films.

U-Factor: measures how well a product prevents heat from escaping a home or building. U-factor ratings generally fall between 0.20 and 1.20. The lower the U-factor, the better a product is at keeping heat in. U-factor is particularly important during the winter heating season.

Solar Heat Gain Coefficient (SHGC): measures how well a product blocks heat from the sun. SHGC is expressed as a number between 0 and 1. The lower the SHGC, the better a product is at blocking heat gain. Blocking solar heat gain is particularly important during the summer cooling season and in southern climates.

Visible Transmittance (VT): measures how much light comes through a product. VT is expressed as a number between 0 and 1. The higher the VT, the higher the potential for daylighting.

As one of the world's largest window film manufacturers, Madico takes pride in its NFRC membership and encourages consumers to purchase products that have been certified by the NFRC.

