

## Silver 20 8 Mil

Silver 20 8 Mil security film provides 24-hour protection against vandalism, accidents and severe weather while creating a uniform appearance. Silver 20 8 Mil also helps prevent fading of furnishings and blocks unwanted UV exposure.

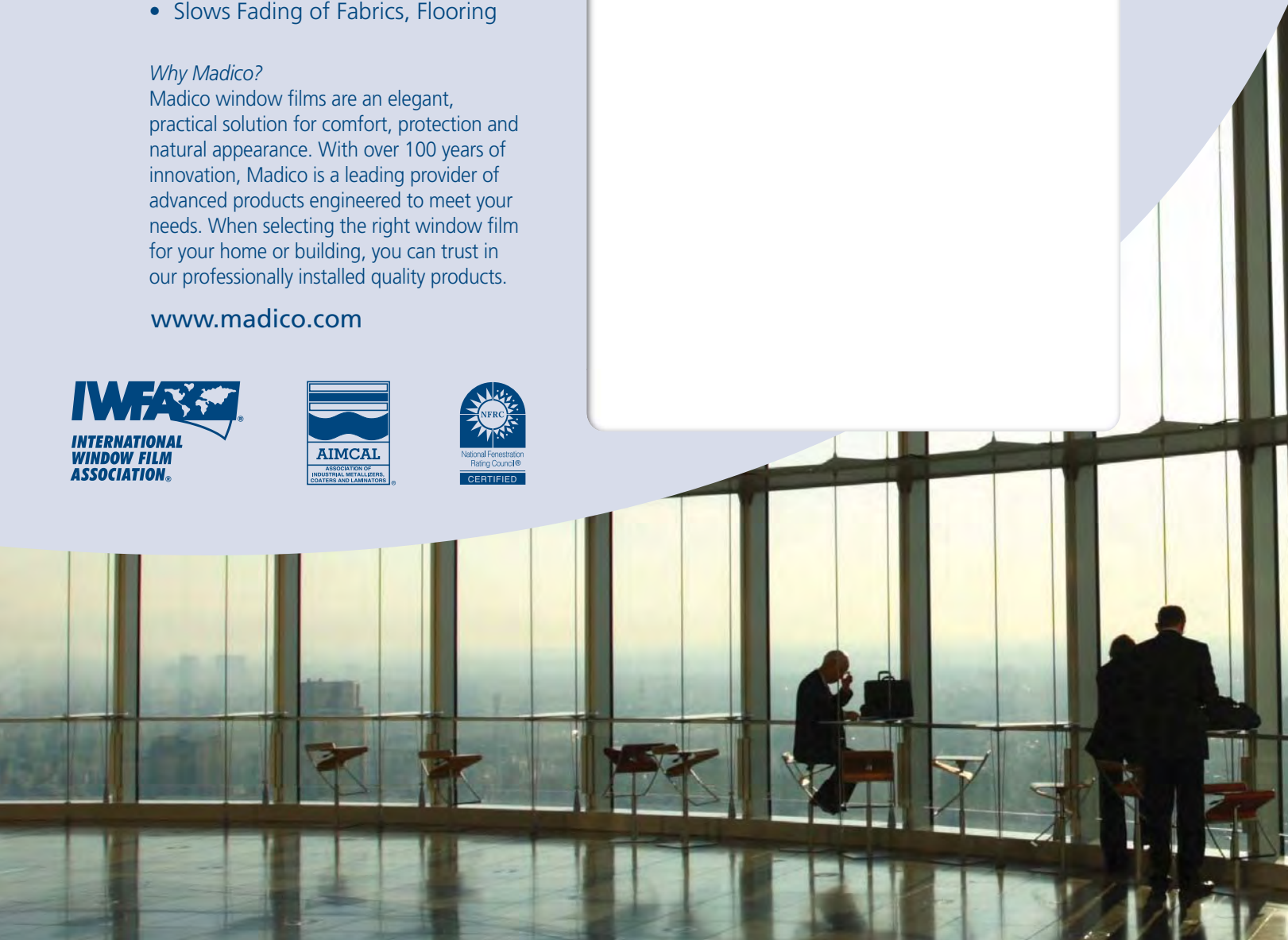
### Product Benefits

- Invisible Protection
- Reduces Heat Gain
- Lowers Energy Costs
- Holds Broken Glass Together
- Rejects over 99% of UV Rays
- Slows Fading of Fabrics, Flooring

### *Why Madico?*

Madico window films are an elegant, practical solution for comfort, protection and natural appearance. With over 100 years of innovation, Madico is a leading provider of advanced products engineered to meet your needs. When selecting the right window film for your home or building, you can trust in our professionally installed quality products.

[www.madico.com](http://www.madico.com)



# Silver 20 8 Mil

## Technical Specifications

### Total Solar Energy:

Transmitted % .....	13.0
Reflected % .....	52.0
Absorbed % .....	35.0

### Visible Light:

Transmitted % .....	17.0
Reflected Exterior % .....	57.0
Reflected Interior % .....	58.0
Glare Reduction % .....	81.0

Solar Heat Gain Coefficient .....	0.22
Shading Coefficient .....	0.25
Luminous Efficacy .....	0.70
Total Solar Energy Rejection % .....	78.0
Infrared Rejection %* .....	94.0

U Factor .....	0.90
Emissivity .....	0.58
Ultraviolet Rejection % .....	Exceeds 99.0

### Physical Properties:

Film Thickness .....	0.010"
Structural Component .....	0.0085"
Structure .....	Multi-Ply Laminate
Adhesive Type .....	Acrylic Pressure Sensitive
Tensile Strength♦ .....	25,000 PSI Avg. MD/TD
Break Strength♦ .....	200 Pounds Per Inch (Width)
Peel Strength♦ .....	5 to 6 Pounds Per Inch

Read in accordance with National Fenestration Rating Council (NFRC) standards on 3mm clear glass.

\* Near IR range (780-2500nm)

Technical specification definitions can be found at [www.madico.com](http://www.madico.com)

♦ Independent test reports available upon request.

## Silver 20 8 Mil Performance on Installed Windows as Certified by the National Fenestration Rating Council (NFRC)

Type	Default Glazing Reference	SHGC without Film	SHGC With Film	VLT Without Film	VLT With Film	U Factor
Residential	3 mm (1/8in.) clear	0.72	0.20	0.74	0.14	0.96
Residential†	3 mm (1/8in.) clear 3 mm (1/8in.) clear	0.64	0.27	0.67	0.13	0.66
Non Residential	6 mm (1/4in.) clear	0.73	0.22	0.78	0.15	0.88
Non Residential	6 mm (1/4in.) grey	0.52	0.26	0.39	0.07	0.89
Non Residential†	6 mm (1/4in.) clear 6 mm (1/4in.) clear	0.63	0.31	0.69	0.14	0.55
Non Residential†	6 mm (1/4in.) grey 6 mm (1/4in.) clear	0.41	0.24	0.35	0.07	0.55

† Dual pane window

### Specification Use Statement

Reported values are typical properties and should not be used as a specification. Since the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for intended use. If you need verification regarding specific use or additional information, please contact Madico Window Films or your local Madico Authorized Dealer.