

OPTIVISION®

BY MADICO

Optivision® Reflective 15

Optivision Reflective 15 is designed to minimize the interior reflectivity of glass providing you with a more natural view at night. Its exterior reflective look helps provide a level of privacy.

Product Benefits

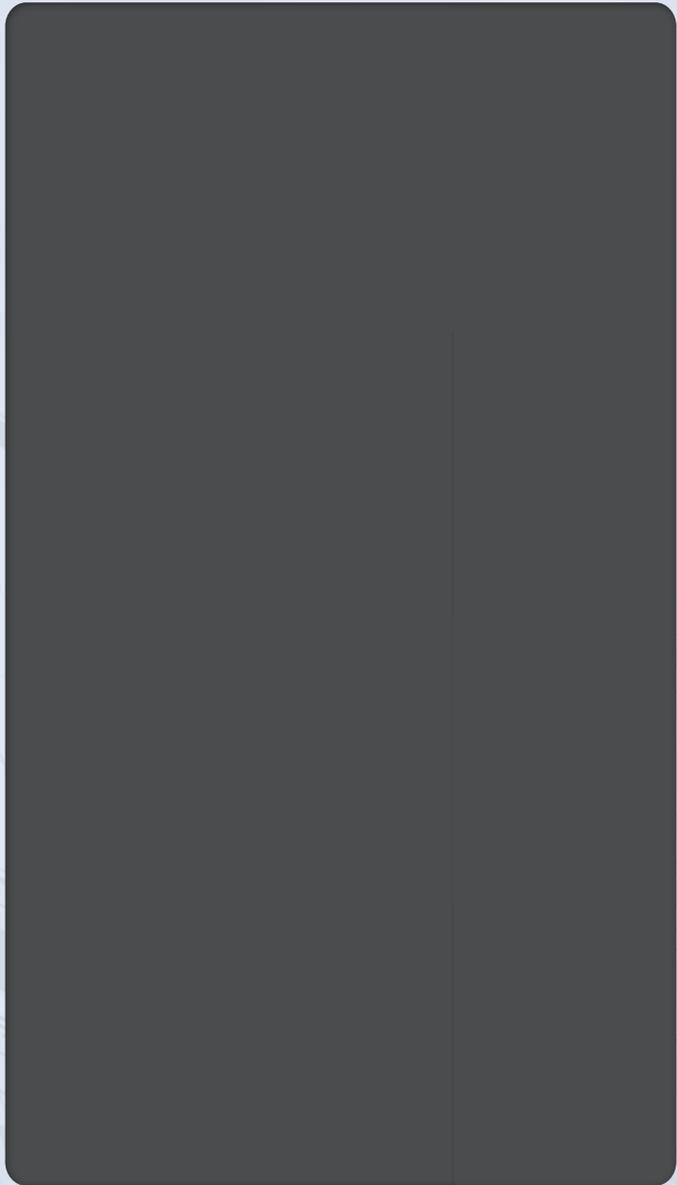
- Cuts Glare
- Increases Privacy
- Reduces Heat Gain
- Lowers Energy Costs
- Provides Shatter Resistance
- Lowers Interior Reflectivity
- Rejects over 99% of UV Rays
- Slows Fading of Furnishings, Flooring

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.

About Madico

Headquartered in Tampa Bay, Florida, Madico, Inc. innovates, manufactures, and distributes a broad range of protective, functional and decorative materials-based solutions including films, coatings and laminates for various industries worldwide from automotive and architecture to healthcare and aerospace. Since 1903, Madico has pioneered industry-first products with an unrivaled commitment to quality and dedication to its customers. Madico is a fully-owned subsidiary of Lintec USA Holdings, Inc. For more information, visit www.madico.com.





Optivision® Reflective 15

Performance Measurements

Visible Light:

| | |
|-------------------------|-----|
| Transmitted..... | 14% |
| Reflected Exterior..... | 47% |
| Reflected Interior..... | 21% |
| Glare Reduction..... | 84% |

Total Solar Energy:

| | |
|------------------|-----|
| Transmitted..... | 13% |
| Reflected | 40% |
| Absorbed..... | 47% |

| | |
|-----------------------------------|-------------|
| Shading Coefficient..... | 0.31 |
| Solar Heat Gain Coefficient..... | 0.27 |
| U Factor..... | 0.95 |
| Ultraviolet Rejection | Exceeds 99% |
| Emissivity..... | 0.69 |
| Light to Solar Gain..... | 0.52 |
| Total Solar Energy Rejection..... | 73% |
| Infrared Rejection*..... | 91% |
| Infrared Energy Rejection | 74% |

* Near IR range (780-2500nm)

Performance measurement definitions can be found at www.madico.com

Read in accordance with National Fenestration Rating Council (NFRC) standards on 6mm clear glass.

Optivision Reflective 15 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 | 0.22 | 0.74 | 0.12 | 1.02 |
| Residential† | 3 mm (1/8in.) clear 3 mm (1/8in.) clear | 0.64 | 0.29 | 0.67 | 0.11 | 0.69 |
| Non Residential | 6 mm (1/4in.) clear | 0.73 | 0.25 | 0.78 | 0.12 | 0.96 |
| Non Residential | 6 mm (1/4in.) grey | 0.52 | 0.28 | 0.39 | 0.06 | 0.96 |
| Non Residential† | 6 mm (1/4in.) clear 6 mm (1/4in.) clear | 0.63 | 0.34 | 0.69 | 0.11 | 0.57 |
| Non Residential† | 6 mm (1/4in.) grey 6 mm (1/4in.) clear | 0.41 | 0.26 | 0.35 | 0.06 | 0.57 |

† 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. Since there can be variations in published data between printed materials, please visit madico.com for the latest reported performance measurements.