

Optivision® Reflective 15

Optivision Reflective 15 is designed to minimize the interior reflectivity of glass providing you with a more natural view at night.

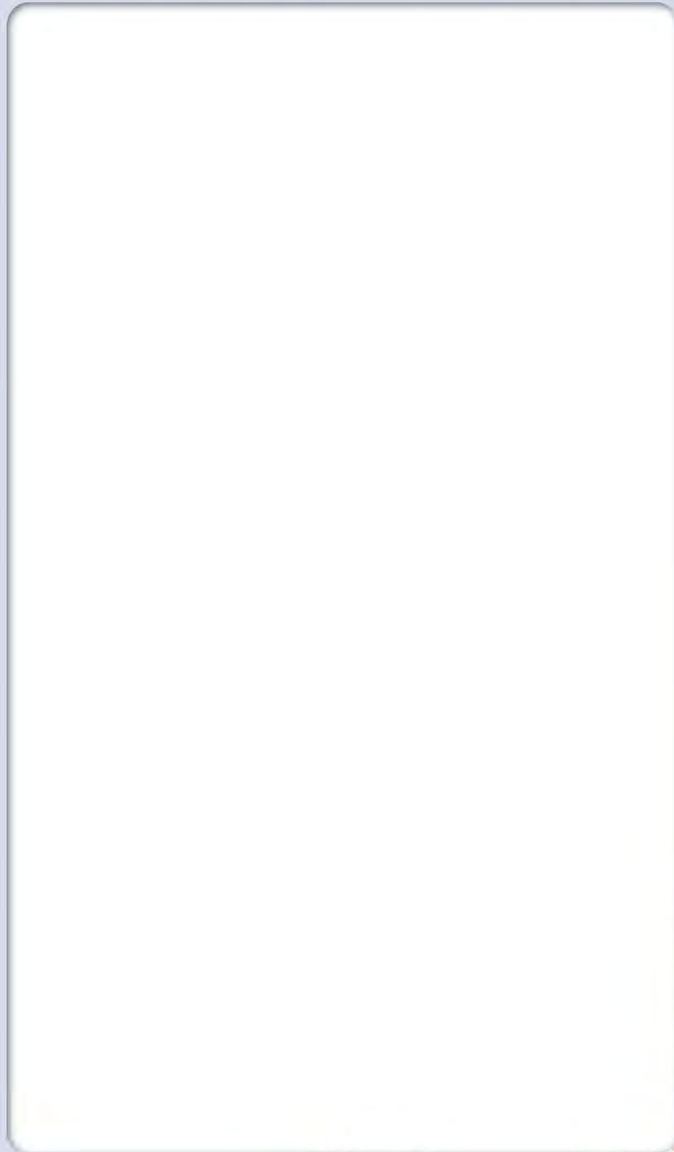
Product Benefits

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

Why Sun-Gard?

Sun-Gard window films are an elegant, practical solution for comfort, protection and natural appearance. Enjoy your view by embracing sunlight while minimizing the negative effects of the sun such as glare, harmful ultraviolet exposure and unwanted heat. Sun-Gard films are installed by professionals and backed by a manufacturer's warranty.

www.sun-gard.com



Optivision® Reflective 15

Technical Specifications

Total Solar Energy:

| | |
|---------------------|------|
| Transmitted % | 15.0 |
| Reflected % | 47.0 |
| Absorbed % | 39.0 |

Visible Light:

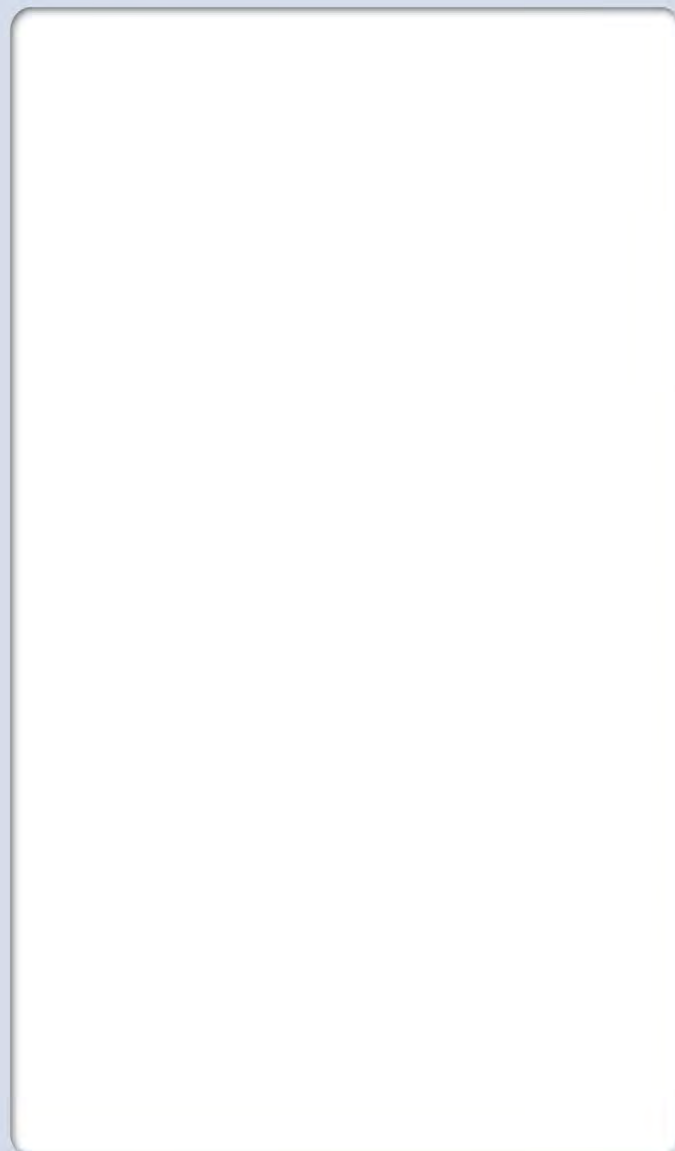
| | |
|----------------------------|------|
| Transmitted % | 14.0 |
| Reflected Exterior % | 48.0 |
| Reflected Interior % | 21.0 |
| Glare Reduction % | 84.0 |

| | |
|--------------------------------------|------|
| Solar Heat Gain Coefficient | 0.25 |
| Shading Coefficient | 0.29 |
| Luminous Efficacy | 0.48 |
| Total Solar Energy Rejection % | 75.0 |
| Infrared Rejection %* | 90.0 |

| | |
|-------------------------------|--------------|
| U Factor | 0.96 |
| Emissivity | 0.69 |
| Ultraviolet Rejection % | Exceeds 99.0 |

* Near IR range (780-2500nm)
 Technical specification definitions can be found at www.madico.com

Read in accordance with National Fenestration Rating Council (NFRC) standards on 3mm 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 | 0.23 | 0.74 | 0.12 | 1.02 |
| Residential† | 3 mm (1/8in.) clear 3 mm (1/8in.) clear | 0.64 | 0.30 | 0.67 | 0.11 | 0.68 |
| Non Residential | 6 mm (1/4in.) clear | 0.73 | 0.25 | 0.78 | 0.12 | 0.94 |
| Non Residential | 6 mm (1/4in.) grey | 0.52 | 0.28 | 0.39 | 0.06 | 0.94 |
| 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.