# Let in the light. Not the heat. Superior comfort and clarity with 3M™ Sun Control Window Film Prestige Series.

- High visible light transmission providing excellent aesthetics
- Up to 97% infrared rejection providing energy savings and enhanced comfort*
- Low interior and exterior reflectivity enhances views while maintaining exterior appearance
- Non-metalized film with no signal interference and no chance for corrosion
- Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- The Prestige Series can become carbon negative in as short as 6 months from install**
- Comprehensive warranty from 3M

| | |
|---|---|
| Visible Light Transmission | ★★★★★ |
| Low Reflection | ★★★★★ |
| Infrared Rejection | ★★★★★ |

Best ★★★★★
Better ★★★★
Good ★★★
Fair ★★
Not Recommended ★
*In comparison to other 3M Sun Control Window Films*

*IR Rejection as measured from 900–1000nm
**Based on emission calculations performed in compliance with the GHG Protocol Product Life Cycle Accounting and Reporting Standard (2011), third party assured by Quality Associates incorporated and energy savings calculation completed by CONSOL Energy. Contact 3M for details.

# Beauty and performance that metallic films can't match.

**Valued Associations and Alliances:**

CLINTON FOUNDATION | CLINTON CLIMATE INITIATIVE
ENERGY STAR PARTNER
EWFA EUROPEAN WINDOW FILM ASSOCIATION
IWFA INTERNATIONAL WINDOW FILM ASSOCIATION
RECOMMENDED SKIN CANCER FOUNDATION
U.S. GREEN BUILDING COUNCIL LEED USGBC

## Climate Zone 3

Caribe Resort, Orange Beach, Alabama

Customer Issues:

- Protecting furnishings from damaging effects of the sun
- With no change to the exterior appearance of the 14-story building

Approximately 600 square feet of windows installed with Prestige 40 provided improved UV protection for furnishings, heat rejection and low reflectivity.

## Product Performance and Technical Data

| Glass Type (All 1/4") | Film Type | Visible Light | | | Total Solar Energy Rejected | | Solar Heat Gain Coefficient (G Value) | U Value | | Solar Heat Reduction | UV Light Rejected | Glare Reduction | Visible Light to Solar Heat Gain Ratio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Reflected (Interior) | Reflected (Exterior) | Transmitted | Normal | 60 Degree Angle | | btu/ hft²F | w/ m²K | | | | |
| Clear | PR20 | 5% | 6% | 21% | 62% | 65% | 0.38 | 1.03 | 5.8 | 54% | 99.9% | 76% | 0.6 |
| | PR40 | 7% | 7% | 39% | 60% | 66% | 0.40 | 0.99 | 5.6 | 50% | 99.9% | 55% | 1.0 |
| | PR50 | 7% | 8% | 50% | 56% | 63% | 0.44 | 0.99 | 5.6 | 46% | 99.9% | 44% | 1.1 |
| | PR60 | 8% | 8% | 60% | 53% | 61% | 0.47 | 0.99 | 5.6 | 42% | 99.9% | 32% | 1.3 |
| | PR70 | 9% | 9% | 69% | 50% | 59% | 0.50 | 0.99 | 5.6 | 38% | 99.9% | 22% | 1.4 |
| Tinted | PR20 | 5% | 5% | 13% | 64% | 67% | 0.36 | 1.03 | 5.8 | 43% | 99.9% | 76% | 0.4 |
| | PR40 | 6% | 5% | 24% | 63% | 67% | 0.37 | 0.99 | 5.6 | 41% | 99.9% | 55% | 0.6 |
| | PR50 | 6% | 6% | 30% | 61% | 66% | 0.39 | 0.99 | 5.6 | 38% | 99.9% | 43% | 0.8 |
| | PR60 | 7% | 6% | 36% | 59% | 63% | 0.41 | 0.99 | 5.6 | 34% | 99.9% | 32% | 0.9 |
| | PR70 | 7% | 6% | 42% | 57% | 63% | 0.43 | 0.99 | 5.6 | 31% | 99.9% | 22% | 1.0 |
| Double Clear | PR20 | 5% | 13% | 19% | 50% | 57% | 0.51 | 0.47 | 2.7 | 28% | 99.9% | 77% | 0.4 |
| | PR40 | 8% | 14% | 35% | 49% | 54% | 0.51 | 0.47 | 2.7 | 27% | 99.9% | 55% | 0.7 |
| | PR50 | 9% | 15% | 45% | 47% | 53% | 0.53 | 0.47 | 2.7 | 25% | 99.9% | 44% | 0.8 |
| | PR60 | 11% | 15% | 54% | 46% | 54% | 0.54 | 0.47 | 2.7 | 22% | 99.9% | 32% | 1.0 |
| | PR70 | 13% | 15% | 62% | 44% | 50% | 0.56 | 0.47 | 2.7 | 21% | 99.9% | 22% | 1.1 |
| Double Tinted | PR20 | 5% | 8% | 11% | 61% | 68% | 0.39 | 0.47 | 2.7 | 24% | 99.9% | 76% | 0.3 |
| | PR40 | 8% | 8% | 21% | 61% | 64% | 0.39 | 0.47 | 2.7 | 23% | 99.9% | 55% | 0.5 |
| | PR50 | 9% | 8% | 27% | 60% | 64% | 0.40 | 0.47 | 2.7 | 22% | 99.9% | 44% | 0.7 |
| | PR60 | 10% | 8% | 32% | 59% | 64% | 0.41 | 0.47 | 2.7 | 20% | 99.9% | 32% | 0.8 |
| | PR70 | 12% | 8% | 37% | 59% | 62% | 0.42 | 0.47 | 2.7 | 18% | 99.9% | 22% | 0.9 |

## LEED Certification

**Window films may be used toward the following LEED credits**

- SS-8
- MR 1.1-1.2
- EQ-7.1
- EQ-8.1-8.2
- EA-1
- MR 5.1-5.2
- EQ-7.2
- ID

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3M

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