

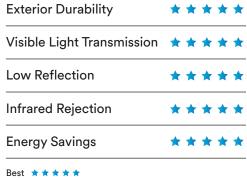
Long lasting comfort, savings and aesthetics at a whole new level with 3M[™] Sun Control Window Film Prestige Exterior Series.

- Non-metalized technology applied to film eliminates corrosion, no need to edge seal*, and no signal interference
- ▶ High visual 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
- Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- The Prestige Exterior Series can become carbon negative in as short as 6 months from install***
- Comprehensive warranty from 3M

*Edge sealing required if water can pool at the edge of the film **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.

Performance, beauty and durability that metallic films can't match.



Better ★★★★ Good ★★★ Fair ★★ Not Recommended ★

In comparison to other 3M[™] Sun Control Window Films



Valued Associations and Alliances:







INTERNATIONAL WINDOW FILM ASSOCIATION,





Climate Zone 5

Rock and Roll Hall of Fame and Museum

Customer Issues:

- Looking for protection to valuable exhibits
- Need for maintaining a cool temperature on sunny days

Results:

 By improving the ability to block UV rays and improving energy efficiency, this project's expected annual energy savings is approximately \$20,000 to \$40,000



Visible Light Total Solar Energy Rejected Solar **U** Value Visible Heat Gain Light to **Glass Type** 60 Degree Reflected Coefficient Film Reflected btu/ Solar Heat UV Light Glare Solar Heat w/ (All 1/4") (Interior) (Exterior) Transmitted Normal Angle (G Value) hft²F m²K Reduction Rejected Reduction Gain Ratio Type PR40X 5% 6% 42% 61% 68% 0.39 1.02 5.8 53% 99.9% 53% 1.1 PR70X 7% 7% 71% 52% 61% 0.48 1.02 5.8 41% 99.9% 20% 1.5 Clear PR90X 9% 9% 88% 36% 45% 0.64 1.02 5.8 21% 99.9% 1% 1.4 PR40X 71% 1.02 99.9% 53% 5% 5% 25% 67% 0.33 5.8 47% 0.8 PR70X 5% 6% 42% 61% 67% 0.39 1.02 5.8 39% 99.9% 20% 1.1 Tinted PR90X 6% 6% 53% 50% 56% 0.50 1.02 5.8 21% 99.9% 1% 1.1 PR40X 13% 7% 37% 71% 78% 0.29 0.47 2.7 59% 99.9% 53% 1.3 PR70X 14% 12% 63% 61% 70% 0.39 0.47 2.7 45% 99.9% 20% 1.6 **Double Clear** PR90X 16% 15% 78% 45% 54% 0.56 0.47 2.7 21% 99.9% 1.4 1% PR40X 2.7 12% 6% 22% 77% 82% 0.23 0.47 55% 99.9% 53% 1.0 PR70X 13% 7% 38% 71% 75% 0.29 0.47 2.7 43% 99.9% 21% 1.3 PR90X 13% 9% 47% 60% 64% 0.41 0.47 99.9% Double Tinted 2.7 20% 1% 1.2

Product Performance and Technical Data

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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