

3M Science.
Applied to Life.™

Ceramic
Architectural



Reject the heat, not the light. 3M™ Sun Control Window Film Ceramic Architectural Series.

- ▶ High visible light transmission providing excellent aesthetics
- ▶ Low interior and exterior reflectivity enhances views while maintaining exterior appearance.
- ▶ Stay cooler by reducing excessive heat in warmer months
- ▶ Non-metalized film with natural tone for amazing clarity
- ▶ Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- ▶ Comprehensive warranty from 3M

Visible Light Transmission ★★★★★

Infrared Rejection ★★★★★

Energy Savings ★★★

Glare Rejection ★★★

Best ★★★★★

Better ★★★★

Good ★★★

Fair ★★

Not Recommended ★

In comparison to other 3M™ Sun Control Window Films

Enjoy exterior views with good performance.







Valued
Associations
and Alliances:



CLINTON
CLIMATE
INITIATIVE



Product Performance and Technical Data

| Glass Type (All 1/4") | Film Type | Visible Light Reflected (Interior) | Visible Light Reflected (Exterior) | Visible Light Transmitted | Total Solar Energy Rejected | Solar Heat Gain Coefficient (G Value) | U Value btu/hft ² F | U Value w/m ² K | Solar Heat Reduction | UV Light Rejected | Glare Reduction | Visible Light to Solar Heat Gain Ratio |
|--|-----------|------------------------------------|------------------------------------|---------------------------|-----------------------------|---------------------------------------|-----------------------------------|-------------------------------|----------------------|-------------------|-----------------|--|
|  Clear | CA35 | 6% | 6% | 37% | 55% | 0.45 | 1.02 | 5.8 | 45% | 99.8% | 58% | 0.8 |
| | CA45 | 6% | 6% | 45% | 52% | 0.48 | 1.06 | 5.9 | 41% | 99.8% | 49% | 0.9 |
| | CA60 | 7% | 7% | 62% | 48% | 0.53 | 1.06 | 5.9 | 36% | 99.7% | 30% | 1.2 |
| | CA80 | 8% | 8% | 77% | 43% | 0.57 | 1.06 | 5.9 | 30% | 99.6% | 13% | 1.4 |
|  Tinted | CA35 | 5% | 6% | 22% | 60% | 0.40 | 1.02 | 5.8 | 37% | 99.8% | 58% | 0.6 |
| | CA45 | 5% | 5% | 27% | 58% | 0.42 | 1.06 | 5.9 | 34% | 99.9% | 49% | 0.6 |
| | CA60 | 6% | 6% | 37% | 55% | 0.45 | 1.06 | 5.9 | 29% | 99.8% | 30% | 0.8 |
| | CA80 | 6% | 6% | 46% | 52% | 0.48 | 1.06 | 5.9 | 25% | 99.8% | 13% | 1.0 |
|  Double Clear | CA35 | 7% | 13% | 33% | 58% | 0.56 | 0.47 | 2.7 | 20% | 99.7% | 58% | 0.6 |
| | CA45 | 8% | 13% | 40% | 49% | 0.58 | 0.48 | 2.7 | 18% | 99.8% | 49% | 0.7 |
| | CA60 | 10% | 14% | 55% | 30% | 0.60 | 0.48 | 2.7 | 15% | 99.7% | 30% | 0.9 |
| | CA80 | 13% | 15% | 69% | 13% | 0.62 | 0.48 | 2.7 | 13% | 99.7% | 13% | 1.1 |
|  Double Tinted | CA35 | 6% | 8% | 20% | 58% | 0.42 | 0.47 | 2.7 | 18% | 99.9% | 58% | 0.5 |
| | CA45 | 7% | 8% | 24% | 57% | 0.43 | 0.48 | 2.7 | 16% | 99.9% | 49% | 0.6 |
| | CA60 | 9% | 8% | 33% | 56% | 0.44 | 0.48 | 2.7 | 13% | 99.8% | 30% | 0.7 |
| | CA80 | 12% | 8% | 41% | 55% | 0.45 | 0.48 | 2.7 | 11% | 99.8% | 13% | 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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