



Sun Control Window Films

*prestige
window films*



PRESTIGE SERIES

PR 50

CLEARLY SUPERIOR



PR 50 Benefits:

- Substantial heat rejection provides energy savings and enhanced comfort, combined with a modestly tinted film
- Increased on-angle heat rejection provides additional performance benefits
- Low reflection enhances views and overall beauty
- Non-metallized; 3M technology provides superior performance with no corrosion or interference with cell phone signals
- Extends the life of furnishings by rejecting UV rays, the single largest component of fading
- Premium 3M manufacturer's warranty
- Reduces glare and eye discomfort
- Increases personal safety by minimizing flying glass

Performance Results:

| | |
|------------------------------|-------|
| Visible Light Transmitted | 50% |
| Total Solar Energy Rejected | 56% |
| — On Angle | 63% |
| Infrared Rejected | 97% |
| Visible Light Reflected Int. | 7% |
| Visible Light Reflected Ext. | 8% |
| UV Rejected | 99.9% |
| Glare Reduction | 44% |
| Luminous Efficacy | 1.1 |

Interior View



The Skin Cancer Foundation recommends this 3M Window Film product as an effective UV protectant.

Performance data generated for a typical film on 6mm glass using applicable industry test methods and standards. Infrared rejection measured from 900nm–1000nm.

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| Glass Type (All 1/4") | Single Pane Clear | Single Pane Tinted | Double Pane Clear | Double Pane Tinted |
|------------------------------|-------------------------|--------------------------|-------------------------|--------------------------|
| Visible Light Transmitted | 50% | 30% | 45% | 27% |
| Total Solar Energy Rejected | 56% | 61% | 47% | 60% |
| — On Angle | 63% | 66% | 53% | 64% |
| Infrared Rejected | 97% | 97% | 97% | 97% |
| Visible Light Reflected Int. | 7% | 6% | 9% | 9% |
| Visible Light Reflected Ext. | 8% | 6% | 15% | 8% |
| UV Rejected | 99.9% | 99.9% | 99.9% | 99.9% |
| Glare Reduction | 44% | 43% | 44% | 44% |
| SHGC | 0.44 | 0.39 | 0.53 | 0.40 |
| U Value | 0.99 | 0.99 | 0.47 | 0.47 |
| Luminous Efficacy | 1.1 | 0.8 | 0.8 | 0.7 |

Performance data generated for a typical film on 6mm glass using applicable industry test methods and standards. Infrared rejection measured from 900nm–1000nm.



Renewable Energy Division

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Exterior View



