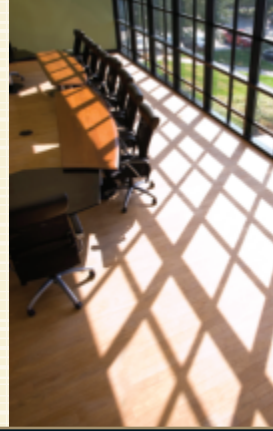




Window Films



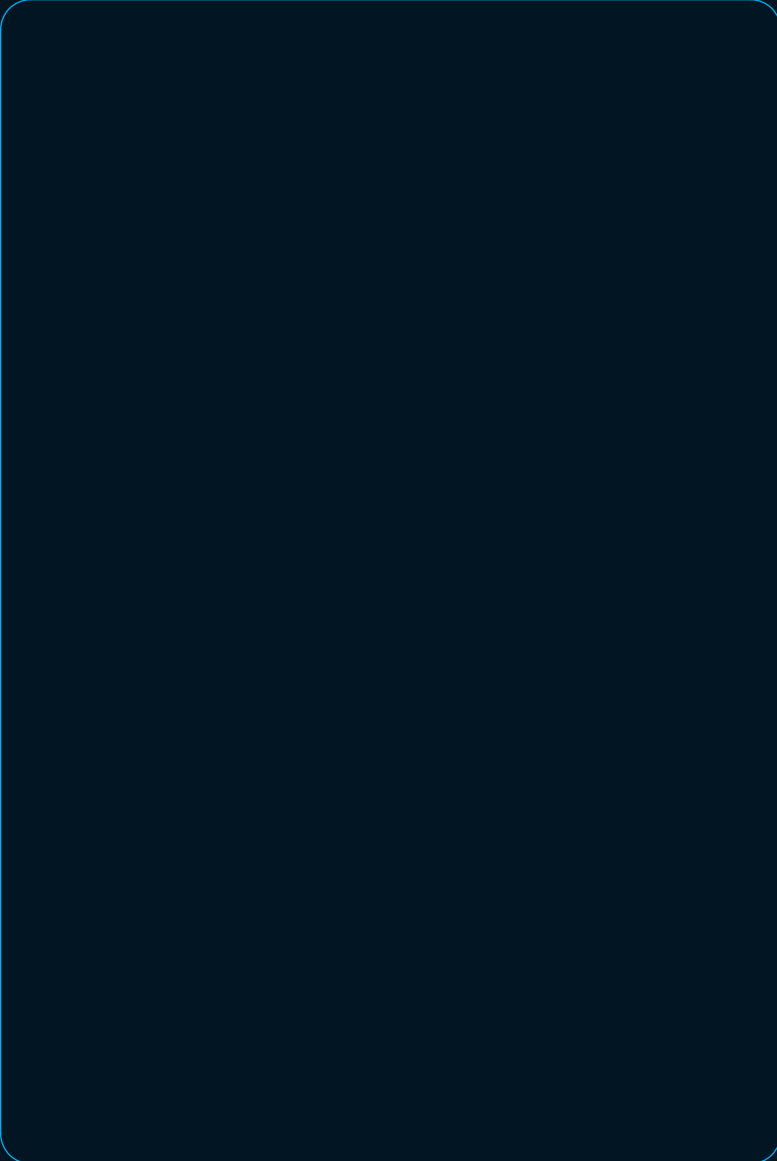
Ceramic Series CM 40

Available at:



Clear Energy Savings

www.sunrayfilms.com



Interior View

Ceramic Series benefits:

- Natural tone with amazing clarity
- High heat rejection provides energy savings and improves comfort
- Low reflectivity enhances views and overall beauty
- Significantly extends the life of furnishings by rejecting UV rays, the single largest cause of fading
- Non-metal technology eliminates corrosion
- Reduces glare and eye discomfort
- Increases personal safety by minimizing flying glass
- Comprehensive 3M manufacturers warranty

Performance results*:

| | |
|------------------------------|------|
| Visible Light Transmitted | 44% |
| Total Solar Energy Rejected | 53% |
| Solar Heat Gain Coefficient | 0.47 |
| Infrared Rejected | 78% |
| Solar Heat Reduction | 43% |
| Visible Light Reflected Int. | 12% |
| Visible Light Reflected Ext. | 14% |
| UV Rejected | 99% |
| Glare Reduction | 50% |

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

Ceramic Series CM 40

Clear Energy Savings



| Glass Type (All 1/4") | Single Pane Clear | Single Pane Tinted | Double Pane Clear | Double Pane Tinted |
|------------------------------|-------------------------|--------------------------|-------------------------|--------------------------|
| Visible Light Transmitted | 44% | 27% | 40% | 24% |
| Total Solar Energy Rejection | 53% | 59% | 46% | 60% |
| Solar Heat Gain Coefficient | 0.47 | 0.41 | 0.54 | 0.40 |
| Solar Heat Reduction | 43% | 34% | 23% | 21% |
| Visible Light Reflected Int. | 12% | 11% | 14% | 13% |
| Visible Light Reflected Ext. | 14% | 8% | 20% | 10% |
| UV Light Rejected | 99% | 99% | 99% | 99% |
| Glare Reduction | 50% | 44% | 50% | 50% |
| Shading Coefficient | 0.54 | 0.47 | 0.62 | 0.46 |
| U Value | 1.03 | 1.03 | 0.47 | 0.47 |

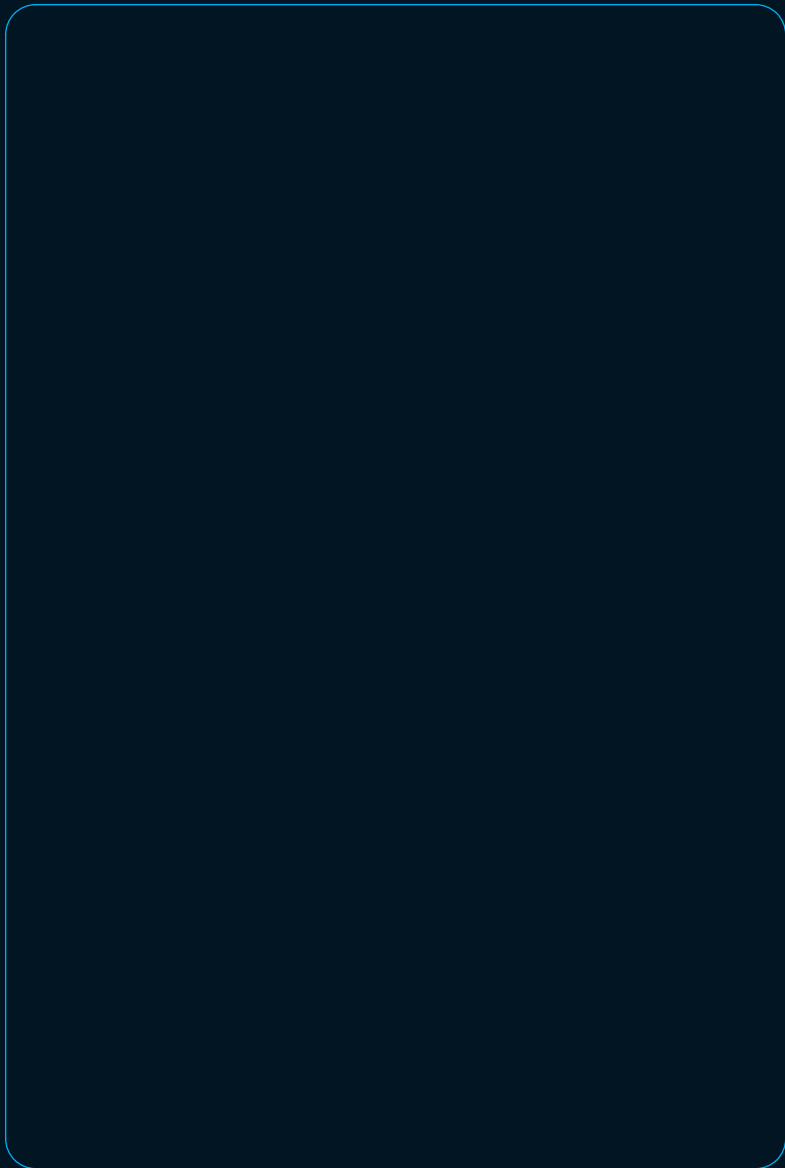
*Performance data generated for a typical film on 6mm glass using applicable industry test methods and standards. Infrared rejection measured from 900nm – 1000nm. This data represents center of glass values in accordance to NFRC 100/200, and is measured on NFRC required glass types, actual performance will vary with specific glass type.



Renewable Energy Division

3M Center, Building 235-2S-27
St. Paul, MN 55144-1000
www.3m.com/windowfilm

© 3M 2009. 3M is a registered trademark of 3M Company.
70-0709-0363-1 (892)ii



Exterior View