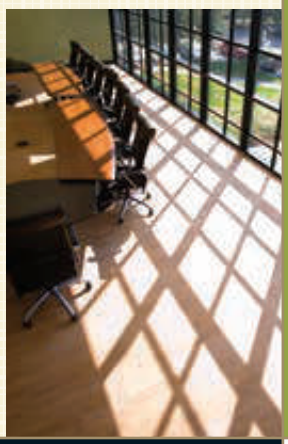
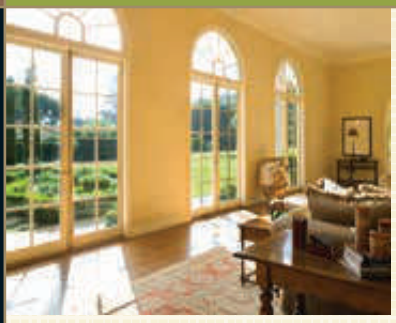
3M
Window Films



Ceramic Series CM 50

Scan for ratings and reviews

Clear Energy Savings



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
- Comprehensive 3M manufacturers warranty

Performance results*:

Visible Light Transmitted	53%
Total Solar Energy Rejected	47%
Solar Heat Gain Coefficient	0.53
Infrared Rejected	68%
Solar Heat Reduction	35%
Visible Light Reflected Int.	10%
Visible Light Reflected Ext.	12%
UV Rejected	99%
Glare Reduction	40%

*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 50

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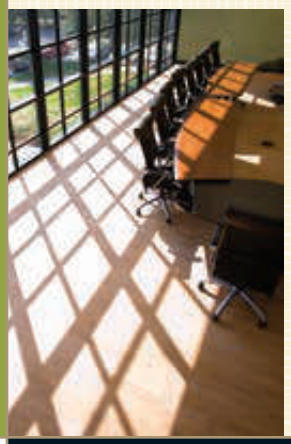

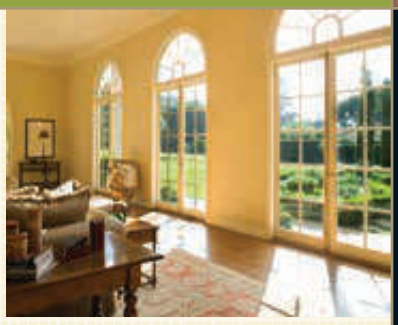

Glass Type (All 1/4")	Single Pane Clear	Single Pane Tinted	Double Pane Clear	Double Pane Tinted
Visible Light Transmitted	53%	32%	47%	28%
Total Solar Energy Rejection	47%	55%	43%	58%
Solar Heat Gain Coefficient	0.53	0.45	0.57	0.43
Solar Heat Reduction	35%	28%	18%	16%
Visible Light Reflected Int.	10%	9%	12%	11%
Visible Light Reflected Ext.	12%	7%	18%	9%
UV Light Rejected	99%	99%	99%	99%
Glare Reduction	40%	40%	40%	40%
Shading Coefficient	0.61	0.52	0.66	0.49
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.

3M

ASID INDUSTRY PARTNER

Renewable Energy Division

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

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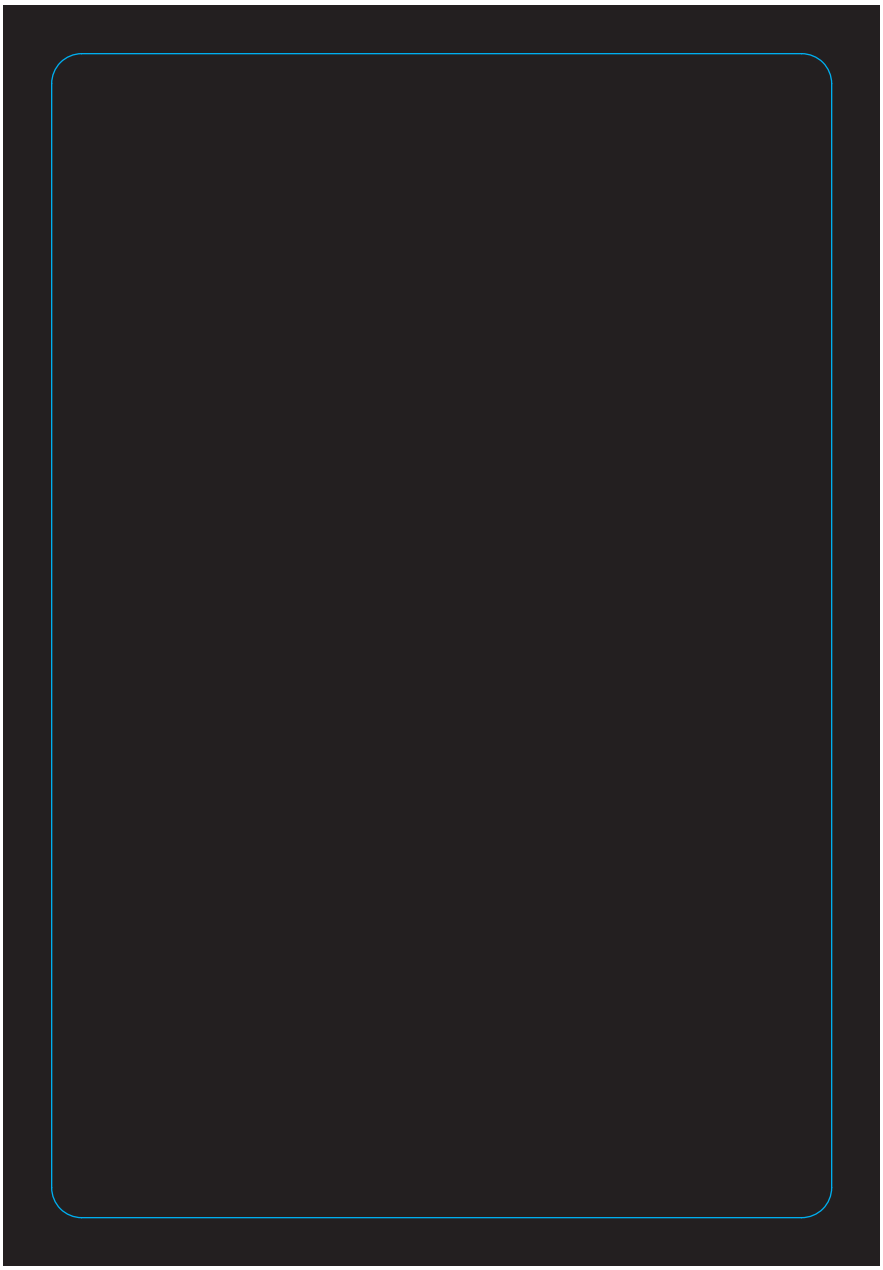
Exterior View