

3M Science.
Applied to Life.™

Ceramic



Control the sun with ceramics. 3M™ Sun Control Window Film Ceramic Series.

- ▶ Rejects up to 80% of the sun's heat producing infrared rays
- ▶ 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
- ▶ Excellent scratch resistant coating
- ▶ 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

Performance and clarity you can count on.



Valued
Associations
and Alliances:



CLINTON
CLIMATE
INITIATIVE



Climate Zone 5

First Mariner Building, Baltimore, Maryland

Tallest Building in Baltimore





Payback period — less than 4 years

Customer Issues:

- ▶ High energy costs and consumption
- ▶ Maintain the look of the building



Product Performance and Technical Data

Glass Type (All 1/4")	Film Type	Visible Light			Total Solar Energy Rejected	Solar Heat Gain Coefficient (G Value)	U Value		Solar Heat Reduction	UV Light Rejected	Glare Reduction	Visible Light to Solar Heat Gain Ratio
		Reflected (Interior)	Reflected (Exterior)	Transmitted			btu/ hft ² F	w/ m ² K				
 Clear	CM30	15%	17%	36%	59%	0.41	1.02	5.8	50%	99%	60%	0.9
	CM40	12%	14%	44%	53%	0.47	1.03	5.8	43%	99%	50%	0.9
	CM50	10%	12%	53%	47%	0.53	1.03	5.8	35%	99%	40%	1.0
 Tinted	CM30	15%	9%	21%	63%	0.38	1.02	5.8	40%	99%	60%	0.6
	CM40	11%	8%	27%	59%	0.41	1.03	5.8	34%	99%	50%	0.6
	CM50	9%	7%	32%	55%	0.45	1.03	5.8	28%	99%	40%	0.7
 Double Clear	CM30	16%	22%	32%	50%	0.50	0.47	2.7	28%	99%	60%	0.6
	CM40	14%	20%	40%	46%	0.54	0.47	2.7	23%	99%	50%	0.7
	CM50	12%	18%	47%	43%	0.57	0.47	2.7	18%	99%	40%	0.8
 Double Tinted	CM30	16%	11%	19%	62%	0.38	0.47	2.7	25%	99%	60%	0.5
	CM40	13%	10%	24%	60%	0.40	0.47	2.7	21%	99%	50%	0.6
	CM50	11%	9%	28%	58%	0.43	0.47	2.7	16%	99%	40%	0.7

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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98-0150-0751-5