

3M Science.
Applied to Life.™

Neutrals



Stay comfortable and on budget with 3M™ Sun Control Window Film Neutral Series.

- ▶ Good heat rejection helps provide energy savings and improved comfort
- ▶ Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- ▶ Helps reduce glare and eye discomfort
- ▶ Soft hues make this film very attractive in both residential and commercial settings
- ▶ Comprehensive warranty from 3M

Energy Savings ★ ★ ★

Heat Rejection ★ ★ ★

Glare Reduction ★ ★ ★

Visible Reflection ★ ★ ★

Best ★ ★ ★ ★ ★

Better ★ ★ ★ ★

Good ★ ★ ★

Fair ★ ★

Not Recommended ★

In comparison to other 3M™ Sun Control Window Films

Valued
Associations
and Alliances:



CLINTON
CLIMATE
INITIATIVE



Climate Zone 3

Century Plaza Tower, Los Angeles, California

11,000 windows installed with Neutral 35





Estimated payback period — less than 8 months

Customer Issues:

- ▶ Energy costs
- ▶ Temperature imbalances



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/ hft²F	w/ m²K				
 Clear	Neutral 20	19%	21%	15%	62%	0.38	0.99	5.6	53%	99%	83%	0.4
	Neutral 35	18%	20%	36%	56%	0.44	0.99	5.6	46%	99%	60%	0.8
	Neutral 50	11%	12%	52%	44%	0.56	1.03	5.8	31%	98%	41%	0.9
	Neutral 70	8%	9%	69%	32%	0.68	1.03	5.8	17%	98%	22%	1.0
 Tinted	Neutral 20	19%	10%	9%	68%	0.32	0.99	5.6	49%	99%	83%	0.3
	Neutral 35	18%	10%	21%	61%	0.39	0.99	5.6	38%	99%	60%	0.5
	Neutral 50	10%	7%	31%	53%	0.47	1.03	5.8	25%	99%	41%	0.7
	Neutral 70	7%	6%	42%	45%	0.55	1.03	5.8	13%	99%	22%	0.8
 Double Clear	Neutral 20	19%	25%	14%	54%	0.46	0.47	2.7	34%	99%	83%	0.3
	Neutral 35	19%	24%	32%	49%	0.51	0.46	2.6	27%	99%	60%	0.6
	Neutral 50	13%	18%	46%	41%	0.59	0.48	2.7	16%	99%	41%	0.8
	Neutral 70	12%	16%	62%	36%	0.64	0.48	2.7	8%	99%	22%	1.0
 Double Tinted	Neutral 20	19%	12%	8%	64%	0.36	0.47	2.7	30%	99%	83%	0.2
	Neutral 35	19%	12%	19%	61%	0.39	0.46	2.6	23%	99%	60%	0.5
	Neutral 50	13%	10%	28%	57%	0.44	0.48	2.7	14%	99%	41%	0.6
	Neutral 70	11%	9%	37%	53%	0.47	0.48	2.7	7%	99%	22%	0.8

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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