

**3M** Science.  
Applied to Life.™

Neutrals

**PERFORMA™**  
WINDOW FILMS

## 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

**Warranty and Limited Remedy:** 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If the 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price. **Limitation of Liability:** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.



3M Commercial Solutions Division  
3M Center, Building 220-12E-04  
St. Paul, MN 55144-1000  
3M.com/windowfilm

3M is a trademark of 3M.  
Used under license in Canada.

Please recycle. Printed in the U.S.A.  
© 3M 2017. All rights reserved.  
98-0150-0750-7