

Enjoy enhanced views, savings and comfort with 3M™ Sun Control Window Film Night Vision™ Series.

- Great heat rejection helps provide energy savings and improved comfort
- Enhanced views with low interior reflectivity, especially at night
- Helps reduce glare and eye discomfort
- Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- Excellent scratch-resistant coating
- 3M nano-technology enhances color stability
- Comprehensive warranty from 3M

Energy Savings	★★★★★
Heat Rejection	★★★★★
Glare Reduction	★★★★★
Interior Visible Reflection	★★★★

Best ★★★★★
Better ★★★★
Good ★★★
Fair ★★
Not Recommended ★
In comparison to other 3M™ Sun Control Window Films.

3M | Authorized Installer
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Save energy by day. Enhance views by night.

Valued Associations and Alliances:

CLINTON FOUNDATION | CLINTON CLIMATE INITIATIVE
ENERGY STAR PARTNER
EWFA EUROPEAN WINDOW FILM ASSOCIATION
IWFA INTERNATIONAL WINDOW FILM ASSOCIATION
RECOMMENDED SKIN CANCER FOUNDATION
U.S. GREEN BUILDING COUNCIL LEED

3M™ Sun Control Window Film Night Vision™ 25 Case Study — Embarcadero Center Climate Zone 3

345,000 sq ft installation of Night Vision 25

Payback period — less than 1 year

Customer issues:

- High energy costs and consumption
- Tenant comfort due to direct sun



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	Night Vision 15	9%	35%	13%	72%	0.28	0.99	5.6	66%	99.9%	85%	0.5
	Night Vision 25	9%	24%	24%	63%	0.37	1.01	5.7	52%	99.9%	73%	0.6
	Night Vision 35	7%	14%	33%	54%	0.46	1.03	5.8	41%	99.9%	63%	0.7
Tinted	Night Vision 15	9%	16%	8%	69%	0.31	0.99	5.6	52%	99.9%	85%	0.3
	Night Vision 25	9%	12%	14%	64%	0.36	1.01	5.7	43%	99.9%	73%	0.4
	Night Vision 35	7%	8%	20%	59%	0.41	1.03	5.8	33%	99.9%	63%	0.5
Double Clear	Night Vision 15	9%	37%	12%	60%	0.40	0.47	2.6	43%	99.9%	85%	0.3
	Night Vision 25	10%	28%	22%	53%	0.47	0.47	2.7	29%	99.9%	73%	0.5
	Night Vision 35	8%	19%	30%	46%	0.54	0.47	2.7	21%	99.9%	63%	0.6
Double Tinted	Night Vision 15	9%	16%	7%	68%	0.32	0.47	2.6	37%	99.9%	85%	0.2
	Night Vision 25	10%	13%	13%	64%	0.36	0.47	2.7	27%	99.9%	73%	0.4
	Night Vision 35	8%	10%	18%	59%	0.41	0.47	2.7	19%	99.9%	63%	0.4

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.

GEOASIS SOLAR FILMS

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