Sea Cool Window Films

Block the Heat, Not the Sun

3M Authorized Dealer

Prestige

Let in the light. Not the heat. Superior comfort and clarity with 3M™ Sun Control Window Film Prestige Series.

- High visible light transmission providing excellent aesthetics
- Up to 97% infrared rejection providing energy savings and enhanced comfort*
- Low interior and exterior reflectivity enhances views while maintaining exterior appearance
- Non-metalized film with no signal interference and no chance for corrosion
- Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- The Prestige Series can become carbon negative in as short as 6 months from install**
- Comprehensive warranty from 3M

Visible Light Transmission	★★★★★
Low Reflection	★★★★★
Infrared Rejection	★★★★★

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

IR Rejection as measured from 900–1000nm

***Based on emission calculations performed in compliance with the GHG Protocol Product Life Cycle Accounting and Reporting Standard (2011), third party assured by Quality Associates incorporated and energy savings calculation completed by CONSOL Energy. Contact 3M for details.*

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Lighthouse Point, FL 33064

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Miami, FL 33133

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 USGBC

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Sea Cool Project - Case Study

Virgin Miami Central Building, Miami, FL

Challenge:
Retain the benefits of natural lighting while reducing heat and glare transmission through windows. Protect furnishings and employess from excessive solar exposure.

Solution:
The 3M Prestige 40 on 48,000 Sq Ft of glass. This film can reject up to 85% of incoming solar heat and 55% glare reduction while maintaining excellent visibility. The tenants enjoy the sun and UV protection while the building owners experience energy savings throughout the life of the film.

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	Normal	60 Degree Angle		btu/ hft²F	w/ m²K				
Clear	PR20	5%	6%	21%	62%	65%	0.38	1.03	5.8	54%	99.9%	76%	0.6
	PR40	7%	7%	39%	60%	66%	0.40	0.99	5.6	50%	99.9%	55%	1.0
	PR50	7%	8%	50%	56%	63%	0.44	0.99	5.6	46%	99.9%	44%	1.1
	PR60	8%	8%	60%	53%	61%	0.47	0.99	5.6	42%	99.9%	32%	1.3
	PR70	9%	9%	69%	50%	59%	0.50	0.99	5.6	38%	99.9%	22%	1.4
Tinted	PR20	5%	5%	13%	64%	67%	0.36	1.03	5.8	43%	99.9%	76%	0.4
	PR40	6%	5%	24%	63%	67%	0.37	0.99	5.6	41%	99.9%	55%	0.6
	PR50	6%	6%	30%	61%	66%	0.39	0.99	5.6	38%	99.9%	43%	0.8
	PR60	7%	6%	36%	59%	63%	0.41	0.99	5.6	34%	99.9%	32%	0.9
	PR70	7%	6%	42%	57%	63%	0.43	0.99	5.6	31%	99.9%	22%	1.0
Double Clear	PR20	5%	13%	19%	50%	57%	0.51	0.47	2.7	28%	99.9%	77%	0.4
	PR40	8%	14%	35%	49%	54%	0.51	0.47	2.7	27%	99.9%	55%	0.7
	PR50	9%	15%	45%	47%	53%	0.53	0.47	2.7	25%	99.9%	44%	0.8
	PR60	11%	15%	54%	46%	54%	0.54	0.47	2.7	22%	99.9%	32%	1.0
	PR70	13%	15%	62%	44%	50%	0.56	0.47	2.7	21%	99.9%	22%	1.1
Double Tinted	PR20	5%	8%	11%	61%	68%	0.39	0.47	2.7	24%	99.9%	76%	0.3
	PR40	8%	8%	21%	61%	64%	0.39	0.47	2.7	23%	99.9%	55%	0.5
	PR50	9%	8%	27%	60%	64%	0.40	0.47	2.7	22%	99.9%	44%	0.7
	PR60	10%	8%	32%	59%	64%	0.41	0.47	2.7	20%	99.9%	32%	0.8
	PR70	12%	8%	37%	59%	62%	0.42	0.47	2.7	18%	99.9%	22%	0.9

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