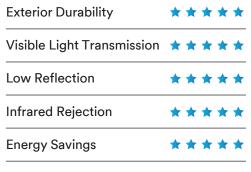


# Long lasting comfort, savings and aesthetics at a whole new level with 3M™ Sun Control Window Film Prestige Exterior Series.

- ► Non-metalized technology applied to film eliminates corrosion, no need to edge seal\*, and no signal interference
- ► High visual light transmission providing excellent aesthetics
- ► Low interior and exterior reflectivity enhances views while maintaining exterior appearance
- ► Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- ► The Prestige Exterior Series can become carbon negative in as short as 6 months from install\*\*
- Comprehensive warranty from 3M
  - \*Edge sealing required if water can pool at the edge of the film
- \*\*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.

Performance, beauty and durability that metallic films can't match.



Best ★★★★

Better ★★★

Good ★★

Fair ★★

Not Recommended 🖈

In comparison to other  $3M^{\mbox{\tiny M}}$  Sun Control Window Films

















### Climate Zone 5

Rock and Roll Hall of Fame and Museum

#### **Customer Issues:**

- ▶ Looking for protection to valuable exhibits
- Need for maintaining a cool temperature on sunny days

#### Results:

By improving the ability to block UV rays and improving energy efficiency, this project's expected annual energy savings is approximately \$20,000 to \$40,000



## **Product Performance and Technical Data**

	Film Type	Visible Light			Total Solar Energy Rejected		Solar	U Value					
Glass Type (All 1/4")		Reflected (Interior)	Reflected (Exterior)	Transmitted	Normal	60 Degree Angle	Heat Gain Coefficient (G Value)	btu/ hft²F	w/ m²K	Solar Heat Reduction	UV Light Rejected	Glare Reduction	Visible Light to Solar Heat Gain Ratio
	PR20X	5%	5%	21%	66%	72%	0.34	1.02	5.82	58%	99.9%	77%	0.6
	PR40X	5%	6%	42%	61%	68%	0.39	1.02	5.8	53%	99.9%	53%	1.1
	PR70X	7%	7%	71%	52%	61%	0.48	1.02	5.8	41%	99.9%	20%	1.5
Clear	PR90X	9%	9%	88%	36%	45%	0.64	1.02	5.8	21%	99.9%	1%	1.4
	PR20X	5%	5%	13%	69%	75%	0.31	1.02	5.82	52%	99.9%	77%	0.4
	PR40X	5%	5%	25%	67%	71%	0.33	1.02	5.8	47%	99.9%	53%	0.8
	PR70X	5%	6%	42%	61%	67%	0.39	1.02	5.8	39%	99.9%	20%	1.1
Tinted	PR90X	6%	6%	53%	50%	56%	0.50	1.02	5.8	21%	99.9%	1%	1.1
	PR20X	12%	6%	18%	76%	82%	0.24	0.47	2.69	66%	99.9%	77%	0.7
	PR40X	13%	7%	37%	71%	78%	0.29	0.47	2.7	59%	99.9%	53%	1.3
Ш	PR70X	14%	12%	63%	61%	70%	0.39	0.47	2.7	45%	99.9%	20%	1.6
Double Clear	PR90X	16%	15%	78%	45%	54%	0.56	0.47	2.7	21%	99.9%	1%	1.4
	PR20X	12%	5%	11%	80%	84%	0.20	0.47	2.69	61%	99.9%	77%	0.5
	PR40X	12%	6%	22%	77%	82%	0.23	0.47	2.7	55%	99.9%	53%	1.0
	PR70X	13%	7%	38%	71%	75%	0.29	0.47	2.7	43%	99.9%	21%	1.3
Double Tinted	PR90X	13%	9%	47%	60%	64%	0.41	0.47	2.7	20%	99.9%	1%	1.2

# LEED Certification

Window films may be used toward the following LEED credits

vvindow min	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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