3M ™ Sun Control Film Prestige 40 Exterior

Description

3M™ Prestige Exterior Series Window Films

With 3M Prestige Exterior Series Window Films, you can enjoy the benefits of a world-class window film while leaving the beauty of your windows virtually unchanged. Because 3M™ Prestige Exterior Series Window Films use no metals, they are not susceptible to corrosion in coastal environments and do not interfere with mobile phone reception.

Other window films that reject heat tend to have high reflectivity, but not Prestige Series Window Films. They offer reflectivity that is actually lower than glass. A final key technical feature of the Prestige line of products is that they were designed to perform best when the sun is high, at the hottest parts of the day, so when the sun is working hardest our films are rejecting most heat !

3M™ Sun Control Film Prestige 40 Exterior is a multi layer and metal free film based on nanotechnology. It has a uniquely high visual light transmission for a film that has exceptionally high heat reduction capabilities. The film also significantly reduces the amount of UVA and UVB rays which are the main cause of fading. The patented multi layer construction and manufacturing process guarantees a high quality and an even longer warranty and life expectancy compared to other film solutions.

Edge sealing of 3M™ Prestige 40 Exterior is not required on vertical applications, except where moisture can accumulate for an extended time.
Edge sealing on horizontal / sloped applications is recommended.
A recommended edge sealant is **3M™ Marine 3200**.

Features (on 6 mm clear glass)

Total Solar Energy Rejected:	61%
TSER measured in 60° angle	70%
IR – rejected	97 %
G-value	0.39
Reduction of Glare:	52%
UV blocked:	99.9 %

Structure of the film

Thickness without adhesive:	0,062 mm / 62 µm
Colour:	Virtually Clear
Material of the film:	Co-extruded PET/coPMMA
Adhesive:	Special Acrylic
Top coating:	Scratch resistant hard coat

Installation

3M™ Prestige Series Window Films are installed using water and a soap solution. They are faster drying than other films, resulting in a faster installation time. Full adhesion is reached after approximately 8 - 10 days at 18°C (in dry conditions).

Cleaning

3M Window films may be cleaned 30 days after installation using ordinary window cleaning agents and avoiding the use of abrasive particles. Do not use rough sponges, cloths or brushes. Synthetic sponges, soft wipes or rubber squeegee cleaners are recommended.

Glass type	Film Type	SC	VLR ex.	VLT	g-value	LSG Ratio*	TSER	Heat Gain Reduction
Single Pane								
Clear	No Film	0.94	8%	88%	0.82	1.07	18%	
	Prestige 40 Exterior	0.45	6%	42%	0.39	1.08	61%	52%
Tinted	No Film	0.69	5%	50%	0.60	0.83	40%	
	Prestige 40 Exterior	0.39	5%	25%	0.34	0.74	66%	47%
Double Pane								
Clear	No Film	0.81	14%	78%	0.70	1.11	30%	
	Prestige 40 Exterior	0.33	7%	37%	0.29	1.28	71%	59%
Tinted	No Film	0.55	8%	45%	0.48	0.94	52%	
	Prestige 40 Exterior	0.27	6%	22%	0.23	0.96	77%	54%

*LSG ratio (light–to-solar gain) the ratio of visible transmittance VLT to the solar heat gain coefficient or G value. The higher the LSG ratio, the better the film performs in rejecting IR heat and letting visible light through

Renewable energy Division
Energy Conservation
Window Films

Your local Window Film Dealer:

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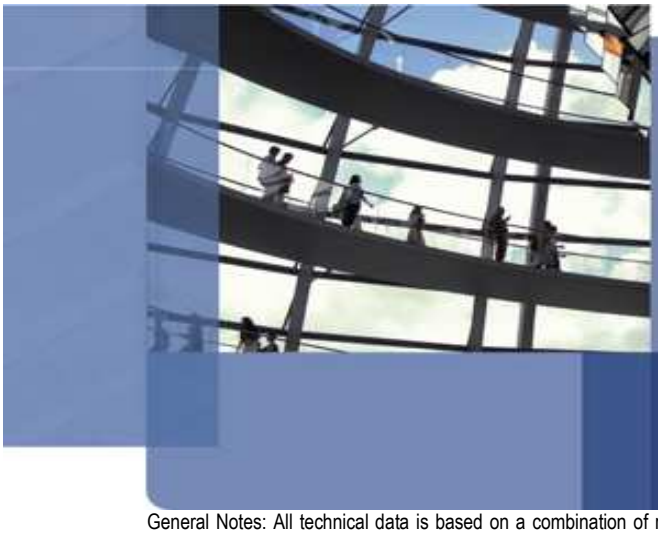

General Notes: All technical data is based on a combination of relevant European test methods and/or US test methods. Before using this product the customer / applicator must ensure the product is suitable to be used for the intended purpose. If there is any uncertainty, please check with your local 3M Window Film specialist. All issues regarding warranty and liability for the product and the effect of its use are governed in accordance with the provisions of the appropriate contract of sale unless local laws dictate otherwise.

3M ™ Sun Control Window Film

Prestige 40 Exterior

- **Fast drying and easy to install**
- **Clear translucent appearance results in no aesthetic change to the look of the building**
- **Excellent solution to reduce solar heat gain keeping you cooler in the summer months**
- **Reduces air conditioning costs**
- **Helps preserve the appearance of furniture and fabrics**

window films made by 3M

3M