

3M™ Sun Control Window Film Prestige 70

Description

3M™ Prestige Series Window Films

With 3M Prestige 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 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 performing their best.

3M Sun Control Film Prestige 70 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 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.

Features (on 6 mm clear glass)

Total Solar Energy reduction:	50 %
TSER measured in 60° angle	59 %
IR – reduction	97 %
G-value	0.50
Reduction of Glare:	23 %
Reduction of UV rays:	99,9 %

Structure of the film

Thickness:	0,038 mm / 38µ
Colour:	Virtually Clear
Material of the film:	Polyester
Adhesive:	Special Acrylic
Top coating:	Scratch resistant hard coat

Installation

3M Window films are installed using water and a soap solution. Full adhesion is reached after approximately 20 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. Do not clean 3M films dry.

Glass type	Film Type	SC	VLR %	VLT %	Emissivity	u-value	g-value	TSER
Single Pane								
Clear	No Film	0.94	8 %	88 %	0.84	1.06	82	18 %
	PR 70	0.58	9 %	68 %	0.78	0.99	0.50	50 %
Tinted	No Film	0.69	5 %	50 %	0.84	1.06	60	40 %
	PR 70	0.50	8 %	41 %	0.78	0.99	0.43	57 %
Double Pane								
Clear	No Film	0.81	14 %	78 %	0.84	0.50	70	30 %
	PR 70	0.64	13 %	61 %	0.78	0.46	0.66	44 %
Tinted	No Film	0.55	8 %	45 %	0.84	0.50	48	52 %
	PR 70	0.48	12 %	37 %	0.78	0.46	0.48	56 %

Emissivity is calculated in accordance with the ratio of light transmission and the G-value. The closer this value is to 2 points, the better.

General notes:

3

Your local Window Film Dealer:

Renewable energy Division
Window Films
www.3Mconstruction.co.uk/windowfilms
Tel: 01234 229594



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 70

- **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**
- **Reduces glare and discomfort**
- **Helps preserve the appearance of furniture and fabrics**
- **Easy to remove without adhesive residues**