

3M™ Sun Control Window Film Prestige 70

Description

3M™ Sun Control Film Prestige 70 was designed for usage on the inside surface of windows. Unlike ordinary sun control means, this film, this film observes and reflects the sun's rays. Even distribution of the sun's rays effectively reduces the effect of dazzle.

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 almost the entire 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.

3M Sun Control Films significantly reduce heat and create the balanced environment of the premises. Especially in summer months they help to reduce the workload of air conditioners and save expenses for energy!

3M Sun Control Films – an elegant way to use light and heat. Also special advantages of the films are retained: their transparency and light transmission. These strong flexible polyester films also help to protect from injuries caused by uncontrolled fragments of broken glass.

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 %

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:

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.



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Your local Window Film Dealer:



3M™ Sun Control Window Film

Prestige 70

- Clear result with no aesthetic change 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