3M ™ Sun Control Window Film Silver 35 Exterior

Description

3M™ Sun Control Window Film Silver 35 Exterior is designed for use on the exterior surface of windows. Unlike other sun control solutions, this film reflects the sun's rays while allowing optical clarity to be maintained. The even distribution of the sun's rays effectively reduces the effect of glare. The film also significantly reduces the amount of UVA and UVB rays which are the main cause of fading.

3M Sun Control Window Films significantly reduce the effect of the suns heat and create a balanced environment in buildings. Especially in summer months they help to reduce the workload on air conditioning systems and can save on energy costs!

3M Sun Control Window Films – an elegant way to use light and heat. An additional benefit is that during daylight hours, a one way vision can be created allowing people to clearly see out while making it more difficult for unwanted prying eyes to see in.

3M™ Sun Control window film Silver 35 Exterior requires an edge sealing on all four sides of window. A recommended Edge sealant is **3M Sealant 3200**.

Features (on 6 mm clear glass)

Total solar energy reduction:	63 %
G-value:	0.37
Glare reduction:	59 %
UV rays blocked:	99 %

Structure of the film

Thickness:	0,065 mm / 65 µm
Colour:	Silver
Material of the film:	Polyester
Adhesive:	Pressure sensitive 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.

Glass type	Film Type	Shading Coefficient	Visible Reflection Exterior	Visible Reflection Interior	Visible Light Transmission	Hear Gain Reduction	U-value	G-value	TSER
Single Pane									
Clear	No Film	0.94	8 %	9 %	89 %	NA	1.03	0.82	18 %
	Silver 35 Ext.	**0.41**	**35 %**	**36 %**	**35 %**	**56%**	**1.02**	**0.36**	**64 %**
Tinted	No Film	0.72	13 %	9 %	53 %	NA	1.03	0.63	37 %
	Silver 35 Ext.	**0.34**	**35 %**	**16 %**	**21 %**	**53%**	**1.02**	**0.30**	**70 %**
Double Pane									
Clear	No Film	0.80	15 %	15 %	79 %	NA	0.47	0.70	30 %
	Silver 35 Ext.	**0.33**	**36 %**	**37 %**	**32 %**	**56%**	**0.47**	**0.29**	**71 %**
Tinted	No Film	0.58	8 %	13 %	47 %	NA	0.50	0.51	49 %
	Silver 35 Ext.	**0.25**	**35 %**	**21 %**	**19 %**	**53%**	**0.47**	**0.22**	**78 %**

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.

Renewable energy Division
Window Films
www.3M.com/windowfilms

Your local Window Film Dealer:

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3M ™ Sun Control Window Film

Silver 35 Exterior

- Excellent solution to reduce solar heat gain keeping you cooler in the summer months.
- Reduces air conditioning costs.
- Reduces glare and eye discomfort.
- An abrasion resistant surface to maintain good appearance longer.
- Extends the life and vibrancy in furniture and carpet fabrics.
- Reduces the risk of injury from flying glass.

window films made by 3M

3M