

3M™ Sun Control Window Film Silver 15 Exterior

Description

3M™ Sun Control Window Film Silver 15 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 sun's heat and create a balanced environment in buildings. Especially in summer months, they help reduce the workload on air conditioning systems and save energy costs!

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

3M™ Sun Control window film Silver 15 Exterior requires edge sealing on all four sides of window. A recommended edge sealant is **3M Marine 3200**.

Features (on 6 mm clear glass)

Total Solar Energy Rejection:	81 %
G-value	0.19
Glare reduction:	81 %
UV rays blocked:	99 %

Film properties

Thickness:	0,050 mm/50 µm
Colour:	Silver
Material:	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 Treflection Interior	Visible Light Ttransmission	Heat Gain Reduction	U-value	G-value	TSER
Single Pane									
Clear	No Film	0.94	8 %	9 %	89 %	NA	1.03	0.82	18 %
	Silver 15 Ex	0.22	61 %	56 %	17 %	77%	1.02	0.19	81 %
Tinted	No Film	0.72	13 %	9 %	53 %	NA	1.03	0.63	37 %
	Silver 15 Ex	0.18	61 %	23 %	10 %	75%	1.02	0.16	84 %
Double Pane									
Clear	No Film	0.80	15 %	15 %	79 %	NA	0.47	0.70	30 %
	Silver 15 Ex	0.17	61 %	54 %	15 %	79%	0.47	0.14	86 %
Tinted	No Film	0.58	8 %	13 %	47 %	NA	0.47	0.51	49 %
	Silver 15 Ex	0.13	61 %	27 %	9 %	78%	0.47	0.11	89 %

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:



3M™ Sun Control Window Film

Silver 15 Exterior

- Excellent solution to reduce solar heat gain keeping you cooler in the summer months.
- Reduces air conditioning costs.
- Reduces glare and eye discomfort.
- 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.