

3M™ Sun Control Window Film Silver 15 Plastic

Description:

3M™ Sun Control Window Film Silver 15 Plastic is suitable to most of the polycarbonate (PC) and acrylic (PMMA) glazing used on buildings. Film is designed for use on the external surface but it can be applied to interior side of clear plastic substrate. Unlike other sun control solutions, this film reflects the sun's rays while allowing optical clarity to be maintained. Even distribution of the sun's rays effectively reduces the effect of dazzle. Besides, the film significantly reduces the amount of UVA rays which are the main reason of discolouration.

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. Simultaneously, depending on the lighting, the room is protected from curious looks from outside.

3M™ Sun Control Window Film Silver 15 Plastic requires an edge sealing on all four sides of window. Recommended Edge sealant is **3M Sealant 3200**.

Features: (Applied on 4 mm Polycarbonate)

| | |
|-------------------------------|------|
| Total Solar Energy Reduction: | 82 % |
| G-Value: | 0.18 |
| Visible Light Reduction: | 82 % |
| UV Reduction | 99 % |

Product details

| | |
|----------------|-----------------------------|
| Thickness: | 0.50 mm / 50 µ |
| Colour: | Silver |
| Base material: | 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).

Note!

As there is a wide variety of plastic substrate used for plastic glazing, the substrate should be tested prior to application.

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.

| Substrate | SC | VLR % | VLT % | g-Value | TSER |
|---------------------|-------------|-----------|-----------|------------|-------------|
| Clear Polycarbonate | | | | | |
| No film | 0.98 | 11 | 83 | 85 % | 15 % |
| Plastic S15 | 0.21 | 65 | 14 | 17% | 82 % |

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

Silver 15 Plastic

- **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.**
- **Has an abrasion resistant surface to maintain a good appearance for longer.**
- **Easy to remove without adhesive residues.**
- **Protects plastic surface materials from weathering damage.**