



## MADICO SG 20 E PS SR 75 microns

exterior - scratch-resistant - dark solar gray

### DISTINCTIVE FEATURES - SPUTTERED SERIES

- Thanks to sophisticated technology with which they are made provide strength and durability. Are available in colours bronze/fumè and gray/fumè.
- Reflect up to 88% of solar energy by making the environments cool and comfortable, with a high light transmission and a greater energy reflection.
- In more intense version allow high solar shield, giving the opportunity to see outside without being seen inside, except in the night.
- Clearer versions allow good sun shield leaving almost unchanged the transparency and visibility and avoiding specular effects.

### SPECIFICATIONS

Madico sputtered films are formed from a base of transparent polyester treated with a process called "sputtering" consisting of the disintegration of metals by ion bombardment. This allows to collect and incorporate into the surface of the film individual atoms emitted by the metal hit. On this is placed a further layer of polyester with a subsequent resistant treatment, to protect it from abrasion and corrosion.

### UTILIZATIONS

Madico sputtered films are used where it should be shield solar radiation with a need for greater brightness. The most clear gradations can be used to protect windows shop, museums or homes. They are also ideal for offices, schools, banks, factories, hospitals, hotels, restaurants, public services, stores, museums, showrooms and gymnasiums.

**MADICO Premium 75 microns**

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Unique product with exclusive patent. Revolutionary structure with double anti-scratch layer for increased durability.

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Solar control film that gives to a normal glass excellent solar protection and safety performances.

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Transforms a 4mm exterior glazing into a safety glass certified according to the EN 12600 class 3B3.





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### PERFORMANCE DATA:

	Single Pane 6mm clear	Double Glazed 6mm/air/6mm clear	Double Glazed 6mm/air/6mm Low Emission
<b>Total Solar Energy:</b>			
Transmitted	17%	13%	9%
Reflected	29%	29%	30%
Absorbed	54%	58%	61%
<b>Visible Light:</b>			
Transmitted	20%	18%	16%
Reflected	30%	31%	31%
Glare reduction	80%	81%	82%
<b>Infrared Rejection</b>	<b>82%</b>	<b>83%</b>	<b>84%</b>
Ultra Violet Transmitted (max)	1%	1%	1%
U Value W/m <sup>2</sup> *K	5.91	2.68	1.65
Shading Coefficient	0.39	0.28	0.18
Solar Heat Gain Coefficient	0.34	0.24	0.16
<b>Total Solar Energy Rejected</b>	<b>66%</b>	<b>76%</b>	<b>84%</b>

Read in accordance with national Fenestration rating Council (NFRC) standards.

#### Specification Use Statement

Reported values are typical properties and should not be used as a specification: Since the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for intended use.

