



## TECHNICAL DATA SHEET - PROTECTIVE FILM MIAMI

Film for decoration purposes. Anti-scratch coating. Indoor application.

Colour: Clear, dichroic effect film (metallic tints vary from red to blue according to the lighting and viewing angle).

### **FILM FEATURES:**

#### Indicative values

(values for a film applied to 3-mm clear glass)

- |                                     |    |
|-------------------------------------|----|
| • Thickness (µm):                   | 55 |
| • Solar energy rejected (heat) (%): | 39 |
| • Visible light transmission (%):   | 72 |
| • Visible light reflection (%):     | 10 |
| • UV transmission (%):              | 10 |

### **FILM COMPATIBILITY:** (vertical application)

| Type of glazing  |  | Compatibility |
|--|--|---------------|
| Simple glazing   | Clear  | Yes           |
|  | Tinted   | No            |
|  | Tinted, mirrored   | Yes           |
| Double glazing   | Clear  | No            |
|  | Tinted   | No            |
|  | Tinted, mirrored   | Yes           |
|  | Low emission (inert gas fill)  | No            |
|  | Laminated, clear (laminated glass facing the exterior of the building) | No            |
| Laminated, clear (laminated glass facing the interior of the building) | No   |               |

**USER'S INSTRUCTIONS:**

- Prior to any film application to a substrate prone to degassing, it is the responsibility of the prescriber and applicator to verify the compatibility of the film with the substrate and to carry out an optimal substrate degassing (in the case of synthetic glass such as PMMA). The applicator is liable for any appearance of bubbles due to substrate degassing.
- Indoor application.
- Application to vertical glass surfaces, up to a maximum of 2.5 m<sup>2</sup>.
- During storage, always handle with clean dry hands.
- Always remove the liner just before application, and squeegee the film immediately after as instructed during the HEXIS training courses.
- Application with soapy water only.
- Adhesion to glass, except grain substrates.
- Only use the special tools dedicated to the application of window films.
- The surface should not be covered with stickers or self-adhesive films.
- After application wait for one month minimum before cleaning the film's surface with soapy water for the first time.

**OPERATING RECOMMENDATIONS:**

- For further information on the application method of the MIAMI film, please refer to its Application Guide available under the "Professionals" heading, in the "Solar and safety films" category on our website [www.hexis-graphics.com](http://www.hexis-graphics.com).

**STORAGE:**

- Shelf life (before use):  
The shelf life of this film is 3 years when stored horizontally in a dust-free environment at a temperature ranging from 59 °F to 77 °F (from 15 °C to 25 °C) with relative humidity of 50 %.

**DURABILITY:**

- Vertical exposure: 15 years.

**WARRANTY:**

- HEXIS warrant the MIAMI film for vertical exposure for 5 years against cracking, yellowing and delamination of the film.

**CERTIFICATIONS:**

- The film complies with REACH. It does not contain any substances referenced in ECHA's list of SVHC (Substances of very high concern).
- This product is M1 classified according to the French standard for fire behaviour (protocol no. I91964-DE/3).

**NOTES:**

The compatibilities indicated in this table are provided for informational purposes only and must be confirmed on a case-by-case basis. Due to the great variety of glazing and exposure possibilities, it is the responsibility of the customer/the person in charge of application to carry out a detailed compatibility study between the glass/film and the use-related impacts. These evaluations should be done prior to product implementation in order to determine if it is suitable or not for the intended purpose. All of the published information is based on measurements regularly performed in the laboratory. The published information does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website [www.hexis-graphics.com](http://www.hexis-graphics.com).