



TECHNICAL DATA SHEET - PROTECTIVE FILM **BSE50I**

50- μ m safety film. Indoor application.

This film for glazing allows to increase the time to break the glass in the case of intrusion by burglary. The film retains the glass splinters due to glass breakage by accident or vandalism and thus prevents injuries and wounds.

Colour: Clear.

FILM FEATURES:

Indicative values

- | | |
|-----------------------------------|----|
| • Thickness (μ m): | 50 |
| • Solar transmission (%): | 75 |
| • Solar reflection (%): | 8 |
| • Solar absorption (%): | 17 |
| • Solar energy rejection (%): | 19 |
| • Visible light transmission (%): | 88 |
| • Visible light reflection (%): | 10 |
| • UV rays rejection (%): | 96 |

FILM COMPATIBILITY:

Simple glazing, clear	Yes
Simple glazing, tinted	Yes
Double glazing, clear	Yes
Double glazing, tinted	Yes

USER'S INSTRUCTIONS:

- Prior to any film application to a substrate prone to outgassing, it is the responsibility of the prescriber and applicator to make sure of the compatibility between film/substrate and carry out an optimal substrate outgassing (synthetic glass such as PMMA, polycarbonate, etc.). The applicator is liable for any appearance of bubbles due to substrate outgassing.
- Indoor application.
- Reduces very strongly the passage of UV through the film.
- Anti-scratch coating: durability and easy cleaning.
- Adhesion to glass, except grain substrates.
- Only use special tools dedicated to the application of solar / safety films.
- During storage, always handle with clean and dry hands.
- Always remove the liner immediately prior to application, and squeegee the film right after.
- Almost immediate adhesion: do not peel off once applied.

OPERATING RECOMMENDATIONS:

- For further information on the application method, please refer to the Application Guide available under the "Professionals" headings, category "Solar and safety films" on our website www.hexis-graphics.com.

STORAGE:

- Shelf life (before application):

The shelf life of this film is 1 year when stored in horizontal position in a dust-free environment at a temperature ranging from 15 °C to 25 °C (+59 °F to +77 °F) with relative humidity of 50 %.

DURABILITY:

- Vertical exposure: 10 years.

NOTES:

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the media for each application. A glass/film compatibility study should be requested in case of doubt.

All the published information is based on measurements regularly performed in the laboratory. It 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.