



## TECHNICAL DATA SHEET - PROTECTIVE FILM

### **BSE100X**

Safety film of 100 microns. Outdoor 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: Transparent

#### **FILM FEATURES:**

	<u>Average values</u>
• Thickness (µm):	102
• Solar transmission (%):	74
• Solar reflection (%):	8
• Solar absorption (%):	18
• Solar energy rejection (%):	20
• Visible light transmission (%):	86
• 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:**

- During storage, always handle with clean and dry hands.
- Always remove the liner at the moment right before application, and squeegee the film right after.
- Almost immediate adhesion: do not peel off once applied.
- Adhesion to glass, except grained substrates.
- UV-proof
- Anti-scratch coating: durability and easy cleaning
- Outdoor application. Protect the film edges with a silicone paste-like sealing.
- Only use special tools dedicated to the application of solar and safety films for buildings.
- For further information on the application method of the BSE100X film, please refer to the Application Guide available on the "Professionals" pages, category "Solar and protective film" on our website at [www.hexis-graphics.com](http://www.hexis-graphics.com).

## **STORAGE:**

- Shelf life (before application):

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

## **DURABILITY:**

- Vertical exposure: 5 years

### **NOTES:**

Because of the great variety of substrates and the growing number of new applications, the installer must check the suitability of the media for each application. The measuring methods for the standards quoted above served as basis for the development of our own measuring methods which are available on request. Please feel free to contact us to get the latest instructions in use.

All of the information released originates from laboratory measurements on a regular basis. However, it does not constitute a binding warranty. The seller is not held accountable for indirectly related damages and assumes no liability for claims beyond the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Updates of our specifications are automatically available on our website at [www.hexis-graphics.com](http://www.hexis-graphics.com).