



## DATA SHEET - PROTECTIVE FILM

### BSORD60i2

Film for solar protection. Indoor application. Film delays discoloration.

#### **CHARACTERISTICS OF THE FILM:**

##### Average values

(values for a film applied on a 3mm clear glazing)

- |                                       |    |
|---------------------------------------|----|
| • Solar energy deflection (heat) (%): | 57 |
| • Visible light transmission (%):     | 62 |
| • Visible light reflection (%):       | 14 |
| • UV transmission (%):                | 1  |

#### **COMPATIBILITIES OF THE FILM:** (vertical application)

Type of glazing		Compatibility
Simple glazing	Clear	Yes
	Tinted	Yes
	Laminated clear	Yes
Double glazing	Clear	Yes
	Tinted	Yes
	Laminated clear	No
	Low emission (inert gas fill)	No

#### **INSTRUCTION OUTLINES:**

- By protecting a window with the BSORD60i2 film, discoloration of objects behind the window is delayed<sup>(1)</sup>.
- During storage always handle with clean and dry hands.
- Remove the liner at the last moment before application and squeegee the film immediately as instructed during the HEXIS training course.

- If peeled off after its application, the deterioration of the structure and appearance of the film will be irreversible.
- Adheres to glass, except grained substrates.
- Protection against UV-rays
- Indoor application

*In order to prevent any risk of degradation by oxidation of the metallised film, protect the edge of the film with a marine type sealing.*

- Use dedicated tools for building solar and safety films only.

### **RECOMMENDATIONS:**

- For further information on the application method of the BSORD60i2 film, please refer to the Application Guide available on the "Professionals" pages, category "Solar and protective film" on our website [www.hexis-graphics.com](http://www.hexis-graphics.com).

### **STORAGE:**

- Shelf life (before application):  
1 year if stored at a temperature between 15 °C and 25 °C (59 °F to 77 °F) at 50 % relative humidity in horizontal position in a dust free environment.

### **DURABILITY:**

- Vertical exposure: 15 years (without crackling, yellowing and demetallisation of the film)

### **WARRANTY:**

- Standard warranty:  
HEXIS warrants its films for 1 year from the date of receipt of the material by the customer, against manufacturing defects\*, workmanship defaults\* and transport damages\* (except damages relating to the liability of the carrier) that comply with the conditions listed in the "standard"\*\*\* warranty document (LAB.DOC.002).
- Extended warranty:  
HEXIS warrants the BSOR20x2 film for 10 years, under the conditions below:
  - a compatibility test between the support and the film has been performed.

- the shadow regions responsible for thermal shocks have been correctly identified.
- the customer / installer has checked that the film is suitable for the use for which it was intended before any application of the product.
- an "extended" warranty contract (LAB.DOC.003) between the customer and HEXIS has been concluded.

*\*Provided that the reported defects be recognized as such by HEXIS.*

*\*\*Documents available on our website [www.hexis-graphics.com](http://www.hexis-graphics.com).*

**NOTE:**

<sup>(1)</sup> The discoloration of objects exposed to direct UV-rays is a natural phenomenon. The application of the BSORD60i2 film will delay this phenomenon without completely neutralising it, over long periods. The actual delay of the discoloration is dependent on the type and the colour of the object behind the window covered with the BSORD60i2 film.

Because of the great variety of glazing and the growing number of applications, the installer must check the suitability of the media for each application. When in doubt, request an expert evaluation of the compatibility of film and glass.

The information published is based on regular laboratory controls. However, it does not constitute a binding warranty. The seller assumes no liability for claims or damages beyond the replacement value of the purchased product. All specifications are subject to changes without prior notice. Updates to specifications are available on our website [www.hexis-graphics.com](http://www.hexis-graphics.com).