

## Lead Equivalent Radiation Shielding SwitchGlass RD50

Lead glass is shipped separately in wooden crate for installation on site (by others) at the end of construction works. Positioned on the front of that crate is a label instructing the opener how to tilt the crate prior to opening to avoid the glass falling.

All beading and glazing adaptors are supplied by Switchglass when both our glass and frames have been ordered.

The glass supplied for this project has been cut to relevant grade/s and size/s as per purchase order.

A small label entitled "Schott RD50 Glass Distributed By: Switchglass" showing the pB of each piece is etched into the glass. This should be positioned to appear on the lower corner (either left or right depending on the orientation of the glass) of the window when installed.

This etched **Certification Label** is required to comply with EPA standards. **Please ensure that this Certificate is not covered by any framing when installed.**

The following self-adhesive sticker will also be enclosed inside the crate containing the glass. Please ensure that this sticker is placed on or near the glass (preferably on the outside of the shielded room) where it can be seen by cleaning staff etc.

### IMPORTANT NOTES & CARE INSTRUCTIONS

Please take the following into consideration with regard to installation, cleaning, and disinfection of radiation shielding glass.

- In view of the high lead oxide content the surfaces are susceptible to scratches and attack by acids and alkalis. Use only water, non-abrasive cleaning agents and soft cloth.
- Can be disinfected by using commercially available disinfectants. Disinfection by UV exposure (solarisation) is also possible.
- Radiation shielding glass should not be exposed to humidity or temperature fluctuations or acid gases.
- When installing, care should be taken that the sealing agents do not contain any acid or alkaline substances (e.g. acetic acid, ammonia). **Labels may cause staining on the glass surface by the reaction of the adhesive.**
- Do not use any sharp objects on the glass surfaces.

### SAFETY FILM (if applicable)

RECOMMENDED OPTION TO MEET AUSTRALIAN STANDARD AS1288-2006 175 micron Clear Safety/Security Film adhered to one side of glass to stabilise. We recommend that this be applied to both sides to protect the glass itself.

DISCLAIMER: Please note that due to the irregularity of thickness of lead glass over a given size, filming can cause some minor visual imperfections. In some cases these can appear in the form of air/moisture bubbles. DO NOT PIERCE these bubbles. We have been assured that any bubbles will settle down over time and as they do the film will be sucked back onto the glass leaving no noticeable marking. Putting a hole in the film to release the moisture will have a detrimental effect so, again, we stress, do not attempt to remove these physically.

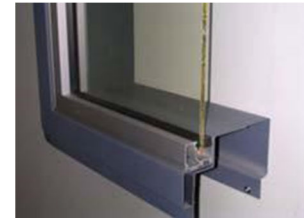


Figure 1 - pB (lead equivalent) Glass

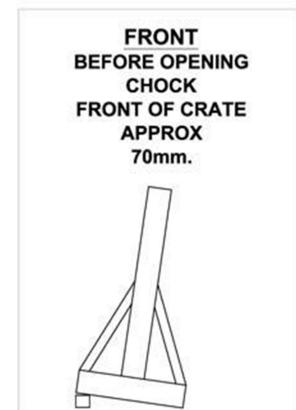


Figure 2 - Crate Label Showing Tilt Instructions

## Safety and Security Film – easily maintained Film Care Guidelines

**IMPORTANT : INSTALLERS  
PLEASE MAKE SURE YOU PASS  
THIS INFORMATION LEAFLET  
ON TO YOUR CLIENT**

### SAFETY AND SECURITY FILM

- The tinted Safety/Security films can take up to 3 months to completely dry, especially in winter or if not in direct sunlight.
- For general cleaning we recommend water with a mild detergent solution and a squeegee with a soft rubber blade.
- Aerosol glass cleaners can be used but no ammonia – based cleaners.
- To remove greasy marks use a mild detergent applied with a soft damp cloth or chamois

### GENERAL CARE

- Moisture between the film and the glass may cause a slight haze or milky appearance for several days after application. Don't be concerned. It will disappear and the film will return to full clarity, although it may take 2-3 weeks to settle depending on atmospheric conditions.
- Film requires a two week curing period. During this time you may notice bubbles in the application. Small bubbles can be expected to disappear without intervention, but if you notice any larger than a 20 cent coin please report these to us.
- Please do not clean the newly applied film until 2 weeks after installation. Do not use abrasive cloths, brushes or powders on the film.
- Do not pick at the edges of the film. The small clear border around the edge ensures that the film is properly sealed and bonded to the glass. If the seal is broken the film may lift and will not re-adhere properly to the glass.
- Do not apply "sticky tape", pressure sensitive stickers or suction cup accessories to the glass after installation.