

TITLE

SGG SECURIT ALARM

SUBTITLE

Double- glazed units with integral alarm system

DESCRIPTION

SGG SECURIT ALARM is a glass which is fitted with an alarm system: an electrically conducting wire loop is burnt into the inside top corner of a SGG SECURIT pane. The loop is connected to the alarm system. If the glass is cracked, the glass will break into small fragments, the wire is torn and the alarm system is triggered off. It can also be assembled into a double- glazing unit.

RANGE

SGG SECURIT ALARM is available in 2 versions:

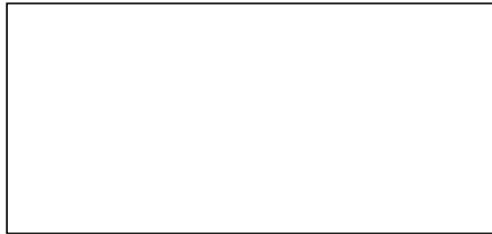
SGG SECURIT ALARM ASR type A

- SGG STADIP PROTECT laminated glass.

All components of the laminated glass are toughened.

- The electric alarm circuit of the glass unit is positioned on the PVB side of the laminated glass.
- SGG SECURIT ALARM ASR type A is also available as a SGG STADIP PROTECT single laminated glass.
- Thickness: 6, 8, 10 mm. Maximum dimensions of the laminated glass: 2100 x 3660 mm.

Other thicknesses and sizes: please contact SAINT- GOBAIN GLASS.



SGG SECURIT ALARM ASR type B

- Monolithic toughened glass.
- The electric alarm circuit of the glass unit is positioned on the cavity side of the double- glazed unit.
- SGG SECURIT ALARM ASR type B is always installed in a double- glazed unit. It cannot be used in single glazing.
- Thickness: 6, 8, 10 or 12 mm.

SGG SECURIT ALARM substrate options: SGG PLANILUX clear glass, SGG PARSOL body- tinted glass.

For other types of glass: please contact SAINT- GOBAIN GLASS.



The internal component of the double- glazed unit is STADIP PROTECT SP 410 laminated glass which is used to provide protection against break- ins or burglary.

- Maximum dimensions of the double- glazing: 2400 x 5000 mm.
- For other compositions or the ASR type A version, please contact SAINT- GOBAIN GLASS.

PERFORMANCE

The thermal and spectrophotometric performance, as well as the mechanical performance of SGG SECURIT ALARM are the same as ordinary double- glazed units of the same composition, but without an alarm circuit.

PROCESSING CAPABILITIES

Edgework (sandblasting, acid- etching, etching of logos) is possible. This must be done before SGG SECURIT ALARM is toughened.

PRODUCT APPLICATION

SGG SECURIT ALARM can be used in any type of application where there is the need to protect rooms and objects from burglary and break- in:

jewellers
banks
shops, supermarkets
offices

ADVANTAGE

In the event of an attempted burglary or break-in, the alarm is triggered when the SGG SECURIT ALARM breaks.

There will be no false alarms as the alarm will only be activated if the glass is broken.

Detection is outside the protected area.

There is no risk of activating the alarm by moving through the protected area.

An economical alternative to protection provided by shutters.

Unlike other protection systems, such as those which use shutters, SGG SECURIT ALARM enables vision of the whole protected area whilst remaining in complete safety.

GUIDELINE

Maintenance

As with all ordinary glass products, SGG SECURIT ALARM must be cleaned regularly using a neutral cleaning product with no fluorine or abrasive material.

Transportation

The connection cables must not be damaged when the glass unit is being transported. The cables must not be pulled under any circumstances. The edge of the glass which has the cables attached must be facing upwards.

Storage

The glass units must be stored in a dry and well-ventilated location, which is protected against humidity and variations in temperature.

Installation

- To ensure that the alarm is triggered as quickly as possible, the glass with the electric alarm circuit should be installed on the side which is most likely to be attacked and facing away from the building.
- The glass unit must be installed in compliance with the general application recommendations for toughened safety glass and in accordance with the general guidelines for electrical installations, standards VDE 0633, DIN 57833.
- The quality of the electrical resistance of the SGG SECURIT ALARM electric circuit is measured before and after each glass unit is installed. The resistance value which is measured is indicated on the label which is affixed to the glass unit.
- All mechanical stress must be avoided on the cable connection whilst the glass unit is being installed so that subsequent operational problems can be avoided.

Labelling

Each glass unit will be labelled, with details of the relevant data and main installation instructions.