

# TOUGHENED SAFETY GLASS ALARM



Toughened safety glass with alarm functionality

Toughened Safety Glass Alarm (toughened safety glass) was specifically developed for those applications where alarm functionality is required to ensure the safety and security of people, goods and equipment. The silkscreened pattern triggers an alarm when the glass is broken (the glazing is integrated in an electrical circuit and connected to an alarm management system).

## When glass triggers an alarm upon impact

What's so special about it?

What does this mean for you?

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|---|---|
| <b>Safety glass</b>                     | – Toughened safety glass for the protection of people and goods   |
| <b>Alarm function</b>                   | – Triggers an electrical signal when the glass breaks   |
| <b>High optical quality</b>             | – Excellent transparency  |
| <b>Suitable for insulating glazing</b>  | – Can be assembled as a glass component in insulating glazing (either exterior or interior glass sheet) |
| <b>Specialised support and know-how</b> | – Support provided from design phase to integration in the customer's solution                          |

### Technical specifications

Sizes	Sizes depend on the capacity of the tempering furnace		
EN 12600	Pendulum Body Impact test		
	1C3 4 and 5 mm	1C2 6 and 8 mm	1C1 10, 12 and 15 mm

### Processing options

Toughened Safety Glass Alarm is a finished product delivered in cut sizes or assembled into insulating glazing or laminated safety glass.

### Availability

Toughened Safety Glass Alarm is available in a wide range of thicknesses from 4 to 15 mm and the substrate is either Planibel Clearlite or Planibel Clearvision. Please contact us for the technical feasibility of specific thicknesses and dimensions.

### Applications

- Jewellery shops
- Prisons and detention centres
- Museum displays and glass display cases

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