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Our Solution - The Safescape® System

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The Safescape® System



Safescape® is a system that creates an emergency exit through toughened glass quickly, at the touch of a button.



Key Features

- Operates in seconds creating an exit quickly
- Retrofit to existing windows or build into new windows
- Replaces hammer and cannot be stolen

What is Safescape® ?

Safescape® is a system, which breaks toughened glass windows, instantly and without

the need for hammers, at the push of a button. An emergency exit is created quickly and efficiently. It can easily be fitted to existing windows.

When the toughened glass is broken using Safescape®, the window frosts into tiny pieces with minimum risk of injury from the glass. Film can be put over the window to keep the pieces of glass together so that the window can be pushed out with bare hands.

How it works

1. The Safescape® System unit is fixed to the window using aerospace technology strength 3M tape.



2. In an emergency, the passenger breaks the glass cover of the unit.



3. The passenger presses the button.



4. The window breaks and the passenger pushes the window out in one movement.



How does Safescape® Work?

To understand Safescape®, the properties of toughened glass must also be understood.

Toughened glass (or tempered glass) has been heat treated to make it stronger than normal glass. This process means that if a shock is delivered to the glass, such as a notch made with a pointed instrument, the glass shatters into small cubes. This kind of glass is used in the side windows of cars, on all buses and trains in the UK and in many buildings.

Due to its tough nature, the glass is very difficult to break unless a pointed instrument is available - even then, it requires strength and determination to break the glass. That is **why Safescape® was developed.**

The process of hitting the glass, with enough force and in the right position to smash the glass, is carried out by pressing a button. The button and device are housed in a strong, metal box.

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