

FlexiGlaze

Provides ● protection for staff against physical violence at the service counter

Introduction

Safetell's FlexiGlaze systems are designed and manufactured to protect personnel and assets from physical aggression. The point of contact between staff and customers presents a risk of attack. In some cases the presence of a counter is not sufficient to prevent a physical assault: either a pre-meditated attack or a situation that begins peacefully but escalates to an unacceptable level.

Design

The Safetell solution is to create a physical barrier between the customer and staff areas that is fitted from ceiling level down to either a rigid counter or to the floor. The design solution may include security doors, bulk transfer equipment and scoops/trays for the transfer of

payments and/or merchandise. Natural voice transfer mullions or active, electronic speech transfer can be integrated with the glazing.

BS EN 356 specifies the resistance of glass to various levels of physical attack. The Safetell design has been type-tested to ensure that the completed structure will withstand those specified forces and retain the glass.

Where staff are expected to work within one metre of the protected face of the glass, the design will include the provision of low spill glass.

Glass

The glass used conforms to the relevant classification of BS EN 356 and the installation design conforms to BS 5357. Glazing panels and doors can be manufactured to any size, subject to the practical limits of handling the glass.



FlexiGlaze Transaction Gap - UG



FlexiGlaze Transaction Gap - UJ

Description

The FlexiGlaze system, consisting of a number of fixed glass panels with one or more doors as necessary, is joined to the fabric of the building to create a secure enclosure for the staff. Each module links with the next using vertical connection posts.

FlexiGlaze is available in two formats:

- **Horizontal framed with a vertical transaction gap - type UG**
- **Fully framed with a horizontal transaction gap - type UJ**

Each panel is fully or partly framed to retain the glass against specified attack forces. Horizontal and vertical frame members are securely fixed at low level to the floor or counterwork and at high level to structural surfaces.

When fully assembled the frame provides a rigid structure for the glass. All glass fixings provide metal overlaps of the glass edges sufficient to retain the glass in the frame.

Door construction adopts the same design principles as the fixed glazing. Doors should open into the public area and will be fitted with suitable hinges, door closer, locks and handles to meet client requirements.



Options

Opaque, solid board panels, finished to match the general décor, can be fitted in lieu of the glass panels to create privacy areas if required.

Special corners and junctions can be supplied to create divisions or partitions within the secure area. Irregularly shaped perimeters can be accommodated with specially designed corner joints.

Above the false ceiling a metal grid can be fitted to prevent aggressors from climbing over the screen line.

Finishes

The FlexiGlaze framework is normally polyester powder coated in standard finishes and colours to suit client requirements.

Corporate logos or other glass manifestations can be etched into or applied to the glass surface.

FlexiGlaze - Type UG

HORIZONTAL FRAMING VERTICAL TRANSACTION GAPS

The metal framework of the UG FlexiGlaze system is constructed using a number of circular, vertical posts with a horizontal transom at high level and horizontal framing sections at counter level. The screen line can turn through any angle at each post and the transom rails can be at different heights to clear beams or other high level features.

The glazing is 21 mm thick, low spill, 7-ply, laminated glass and the panels are held rigidly between the horizontals, leaving vertical transaction gaps at counter service positions.

The vertical edges of the glass are polished and can be shaped at counter level to increase the space for merchandise, payment or document transactions.



Flexiglaze UG - Typical Retail Installation

FlexiGlaze - Type UJ

FULLY FRAMED HORIZONTAL TRANSACTION GAPS

The steel framework of the UJ FlexiGlaze system is constructed from rectangular sections.

The glazing is 11.5mm thick, low spill, 5-ply, laminated glass and the panels siliconed into top and bottom channels that are held rigidly between the vertical posts.

Horizontal transaction gaps can be left at counter service positions.

ClearComm VF Speech Transfer Systems and/or Document Pass Trays may be required at each service counter.



Flexiglaze UJ - Typical Reception Counter Installation

Installation

Installation of FlexiGlaze is carried out by Safetell personnel to ensure that the security requirements are maintained. Frames are fitted to the structure followed by the glazing panels and the fixing bars before the final covers are applied.

Service / Maintenance

FlexiGlaze does not require regular maintenance. However, Safetell has an established nationwide service network for ad-hoc repairs in the event of damage to the installation.

Accessories

- Personnel Pass Doors
- ClearComm VE Induction Loops
- ClearComm VF Speech Transfer Systems
- "Position Closed" Blinds
- Document Pass Trays and Bulk Transfer Units

Other Products

Safetell manufactures and installs other forms of fixed and moving bullet resistant or anti physical attack security screens and a range of cash handling equipment.



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