

Anti-ligature Inset Window Protector

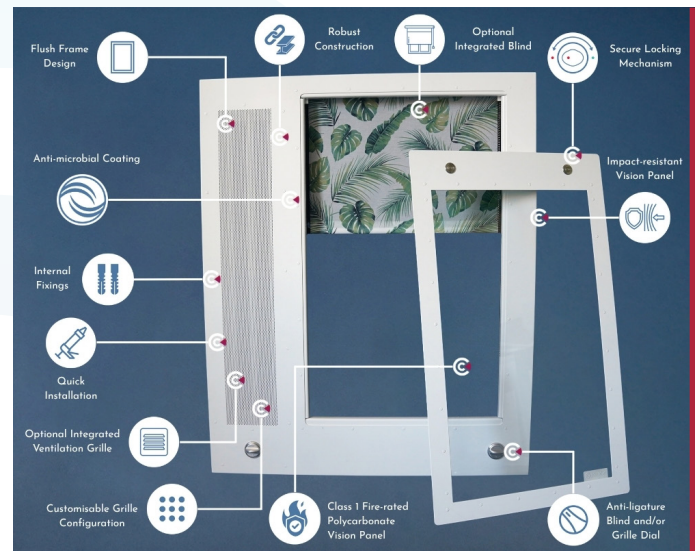


Overview

Contour's anti-ligature window protector is a robust secondary glazing solution designed to reduce self-harm risks, prevent damage, and support safer environments for both service users and staff. Suitable for high-risk settings or buildings where windows can't be altered, it withstands heavy impacts and tampering while preserving natural light and the original window. Optional features include a dial-operated ventilation system and an integrated, fire-rated blind - both safely enclosed and designed to promote dignity, comfort, and therapeutic control over airflow and lighting.

Key Features

Each anti-ligature window protector is constructed from a robust 2mm Zintec or Magnelis steel frame with an IP3X rated ventilation grille and an 8mm impact-resistant polycarbonate vision panel. Secure compression cam locks provide tamper-resistant access for authorised staff. Optional features include a dial-operated vent that allows airflow from an open window without compromising safety, and a fire-rated, enclosed blind that prevents tampering while giving residents control over light levels, helping support restful sleep and recovery. Made to bespoke sizes, the protectors can be surface-mounted or inset and adapted for ornate or listed buildings using timber or chamfered frameworks. Frosted panels are also available for added privacy.



Robust Construction:

Crafted from a 2mm thick Zintec or Magnelis steel frame, the window protector offers long-lasting durability and exceptional resistance to tampering and impacts, making it ideal for high-risk and secure environments.



Impact-resistant Vision Panel:

Manufactured from 8mm thick polycarbonate, the vision panels deliver exceptional impact resistance while retaining flexibility. They provide clear visibility and natural light transmission and exceed the performance of traditional riot shields.



Anti-microbial Coating:

Powder coated in RAL 9003 white with BioCote® anti-microbial protection as standard, helping reduce surface bacteria in hygiene-critical settings.



Secure Locking Mechanism:

Fitted with Contour Secure cam locks, allowing quick staff access while preventing tampering by residents or service users.



Flush Frame Design:

The door sits flush within the frame, reducing gaps and ligature risks while enhancing security and maintaining a clean, seamless finish.



Customisable Grille Configuration:

IP3X rated grilles are punched into the frame to block items over 2.5mm, with horizontal or vertical configurations to suit window type and maximise airflow.



Optional Features:

Available options include an integrated IP3X rated ventilation grille and a fire-rated privacy blind, both safely enclosed between the window and the protector and operated via a tamper-resistant, anti-ligature dial. These features give residents safe control over airflow and light levels, supporting comfort, dignity, and therapeutic wellbeing without compromising security. Grille placement can also be configured horizontally or vertically to suit window function and optimise ventilation.



Technical Data

Manufacture

- 2mm Zintec or Magnelis steel frame with integrated ventilation grille
- IP3X rated anti-ligature punched grille (2mm holes at 4mm centres)
- 8mm clear polycarbonate vision panel
- Secure tamper-resistant compression cam locks

Specification

Finish

- Polyester powder coated in RAL 9003 white with BioCote® anti-microbial protection (standard)
- RAL 7016 grey available as a second standard option (non-BioCote®)
- Other RAL colours available on request (may incur additional cost)

Fixing

- All fixings are internal for added security
- Fitted with Contour Secure cam locks featuring a visual lock/unlock indicator as standard

Sizing

- Made to order with bespoke sizing for a precision fit to each window reveal
- Modular design enables protection of larger window areas using multiple interconnected panels

Environments

- Mental health facilities
- Psychiatric intensive care units (PICU)
- Section 136 suites
- Care homes and supported living
- SEN, SEMH, SEND, ASN, ALN and PRU schools
- Hospitals and healthcare environments
- Secure children's homes
- Custodial settings and secure units
- Complex needs and high-risk rooms
- Private residences requiring enhanced safety

Adaptability

Contour window protectors can be surface-mounted or inset to suit a wide range of window types. For ornate or uneven reveals (common in older or listed buildings), they can be installed using a timber or chamfered metal subframe, ensuring a precise fit and secure finish without compromising safety.

Standard Colour Options Available



White
RAL 9003



Grey
RAL 7016

Downloadable Resources

- [Product Overview available here](#)
- [Installation guide available here](#)