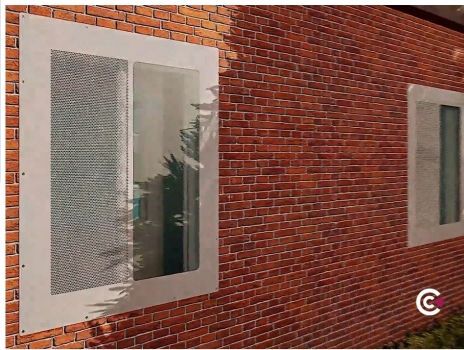


Anti-ligature External Window Protector



Overview

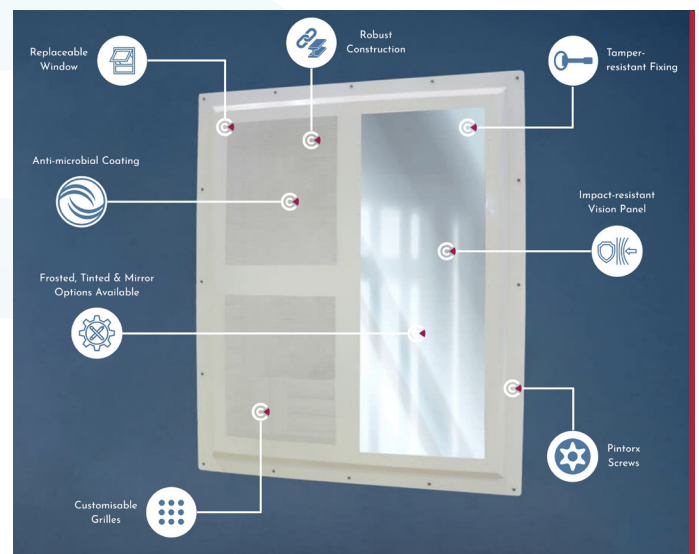
A practical, robust solution for shielding vulnerable glazing from external damage. Designed to be installed on the outside of a building, these protectors act as a durable barrier to prevent vandalism, accidental impact, or unauthorised interference, especially in areas where public access brings added risk.

Manufactured to bespoke dimensions, each unit is precision-built to suit the existing window layout and building type, without compromising natural light or visibility. Whether you're safeguarding high-traffic community buildings such as schools, libraries, or day centres; or looking to protect more expensive anti-ligature windows within secure healthcare environments, these external units offer long-term reassurance with minimal disruption to the building's interior.

Key Features

Every external window protector is built around a sturdy 2mm Magnelis steel frame and an 8mm thick polycarbonate vision panel, offering strong resistance to heavy impact and tampering. The high-clarity polycarbonate maintains light levels while protecting the original glazing and frosted or mirrored options are available where privacy is also a concern.

Quick to install and suitable for a wide range of window types, they're ideal for courtyards, playground-facing elevations, or any external setting where glazing could be at risk. Whether used to prevent repeat damage or as a proactive measure to support a change of building use, the external window protector is a dependable layer of defence for the windows you can't afford to lose.



Robust Construction:

Crafted from a 2mm thick 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.



Replaceable Vision Panel:

The vision panel can be replaced if damaged, avoiding the need to replace the full frame - minimising cost, disruption and waste.



Anti-microbial Coating:

Powder coated in RAL 9003 white with BioCote® anti-microbial protection as standard, the frame enhances hygiene and cleanliness in sensitive environments.



Tamper-resistant Fixing:

Securely fitted using internal fixings around the perimeter of the unit, making it highly tamper-resistant once installed. This ensures long-term durability and safety without the need for access panels, locks, or keys - ideal for unsupervised or publicly accessible outdoor settings.



Customisable Grilles:

IP3X rated grilles punched directly into the steel frame, preventing the passage of objects larger than 2.5mm while maintaining ventilation. Grille placement can be tailored to align with the underlying window layout, whether that's a traditional sash window or a mixed-opening style, offering flexibility without compromising safety.

Sizing

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

Environments

- Mental health courtyards
- Public-facing buildings
- Children's homes, playgrounds and educational settings
- Private residential units or secure care homes

Standard Colour Options Available



White
RAL 9003



Grey
RAL 7016

Technical Data

Manufacture

- 2mm Magnelis steel frame
- IP3X rated anti-ligature punched grille (2mm holes at 4mm centres)
- 8mm clear polycarbonate vision panel

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