



 **UK ROLLER SHUTTERS**
SUPPLIER & FITTER OF ROLLER SHUTTERS

EXTENDER SECURITY GRILLES

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Extender Security Grilles



PRODUCT DESCRIPTION

Extender grilles offer extraordinary protection against attempted break-ins or attacks that include the use of tools such as axes, car jacks, hacksaws and crowbars. They can also be used in areas where there is a concern for explosives as they remain fully functional against blasts and so can act as an emergency exit, or prevent looting after the glass has blown out.

The grilles are normally fitted over windows in offices, but have been used on French doors, patio windows or built as cages to protect computer suits or to protect other large volume, high value goods.

IDEAL USES

- Warehouses
- Factories
- Houses
- Offices
- Anywhere where a customer needs the least obtrusive method of securing windows/doors against burglars.
- Can alleviate the effects of bomb blasts on glazing that has been treated with anti-shatter film
- Extender grilles can prevent looting after glass has been blown out
- Can be built as cages where they have been used to "fence in" computer suits, or other large volume, high value goods

KEY FEATURES

- Large range of Extender grilles that protect windows and doors from a determined attack that includes the use of tools such as bolt cutters, axes, crowbars, hacksaws and car jacks.
- High tempered aluminum alloys and steel designed into the Extender security grilles give the products strength, aesthetics and durability unique in the security market.
- Grilles are available with an assortment of security rated accreditation's.

TECHNICAL SPECIFICATIONS

Body

All grilles are visually similar but come in 3 different strengths depending on your requirements.

Level 1

Good preventive against opportunist crime.

Open diamond pattern.

Hook deadlock with shoot bolt lock option.

Level 2

Made from stronger materials and with stronger bonds than Level 1.

Comfortably resists hacksaws and electric drills.

Approved by the police security initiative SBD (Secured By Design).

Level 3

LPCB LPS 1175 Security Rating 3

The strongest available retractable grille.

Meets the standard necessary for the protection of hazardous materials and vulnerable equipment within the critical national infrastructure.

Approved by the police security initiative SBD (Secured By Design).

As detailed above, the grilles can also be built as cages which:

- Provide a secure containment.
- Free airflow for climate control, fire detection and suppression.
- A visible area for CCTV monitoring or patrol guarding.
- Can be used as security lobbies at entrances/exits.
- Again the cages are custom designed and built and so there is no limited size range. They can also come in a range of security levels similar to the regular grilles listed above.

OPTIONS AND VARIATIONS

- Products can be combined to reduce costs
- Can come in a range of colours
- Can come in a range of different security classification

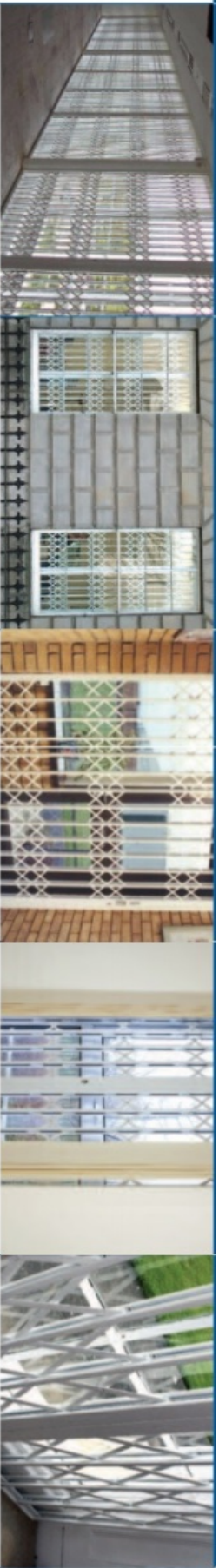
ILLUSTRATIONS







CERTIFICATION AND TESTING



<p>CPNI Centre for the Protection of National Infrastructure Approved by the Association of British Insurers</p> <p>Certified to UP5 1175 Security Rating 3</p> <p>Bomb blast tested*</p>	<p>LPCB Approved by the Association of British Insurers</p> <p>Certified to UP5 1175 Security Rating 2</p> <p>Bomb blast tested*</p>	<p>LPCB Approved by the Association of British Insurers</p> <p>Certified to UP5 1175 Security Rating 1</p> <p>Bomb blast tested*</p>	<p>LPCB Approved by the Association of British Insurers</p> <p>Certified to UP5 1175 Security Rating 1</p> <p>Bomb blast tested*</p>	<p>Provides a cost effective visual and physical deterrent for use when certification is not a requirement.</p>
<p>APPLICATIONS</p> <p>The strongest retractable grille on the market and the only grille to have achieved UP51175 S93. For use by British Government and other high security situations where the highest possible level of testing and certification is required.</p> <p>Cages Available</p>	<p>A bolt cutter resistant grille for high security /high risk locations.</p> <p>High risk locations.</p> <p>Cages Available</p>	<p>With proven resistance to hacksaws and drills this is a Police Preferred Specification that is also suitable for most security requirements and can be combined with the Eclipse or Vulcan grilles to reduce the cost of installation.</p> <p>Cages Available</p>	<p>A best selling certified grille that is suitable for most security requirements. The attractive curved lattice shape is popular for both commercial and domestic properties.</p> <p>Cages Available</p>	<p>High Tempered aluminium alloys and steel components</p> <p>Uplift up/ lift out bottom track and swivel return options for doorways</p> <p>Strong two point slam lock for ease of use.</p>
<p>FEATURES</p> <p>Diamond shaped lattice</p> <p>High Tempered aluminium alloys and steel components</p> <p>Recessed track option for doorways</p> <p>Bespoke high security locking</p>	<p>Diamond shaped lattice</p> <p>High Tempered aluminium alloys and steel components</p> <p>Recessed track option for doorways</p> <p>Bespoke high security locking</p>	<p>Diamond shaped lattice</p> <p>High Tempered aluminium alloys and steel components</p> <p>Uplift up/ out track option for doorways</p> <p>Strong bolt locking into hearth rail and track</p>	<p>Curved lattice</p> <p>Zinc plated anti rust finish</p> <p>Uplift up/ lift out bottom track and swivel return options for doorways (uncertified)</p> <p>Strong two-point slam lock for ease of use</p>	<p>Diamond shaped lattice</p> <p>High Tempered aluminium alloys and steel components</p> <p>Uplift up/ lift out bottom track and swivel return options for doorways</p> <p>Strong two point slam lock for ease of use.</p>

BOMB BLAST MITIGATION* In bomb blast mitigation tests the Eclipse and Vulcan grilles were successfully tested in conjunction with glass backed with anti-shatter security film using a 100kg charge at 20 metres. This is equivalent to ISO 16933:2007 - Glass in buildings code EN12201(2). This is classified as a low hazard rating for people inside the building.

BOMB BLAST TESTING

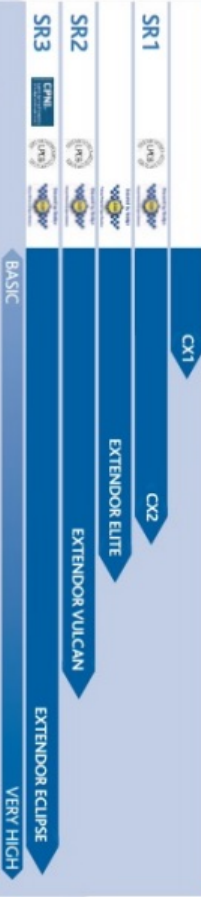
- ▶ Grille mitigates the effects of bomb blasts on glazing treated with anti-shatter film
- ▶ Grilles remain fully functional after the blast and can be used as an emergency exit



- ▶ Grilles prevent looting after glass has been blown out
- ▶ Extendor Eclipse, Vulcan and Elite are the only retractable grilles to be successfully tested.



RESISTANCE TO ATTACK



SECURITY RATING 1	SECURITY RATING 2	SECURITY RATING 3
<p>TESTING TOOLS INCLUDE</p> <ul style="list-style-type: none"> • PRY BARS • SCREWDRIVER • WRENCH KNIFE • GLASS CUTTER • KNIFE • PLIERS <p>MAXIMUM TEST DURATION 10 MINUTES</p> <p>MAXIMUM WORKING TIME 1 MINUTE</p>	<p>TESTING TOOLS INCLUDE</p> <ul style="list-style-type: none"> • SR 1 TOOL PLUS • BOLT CUTTER • CLAW HAMMER • HACKSAW- HAND DRILL • PIPE WRENCH <p>MAXIMUM TEST DURATION 15 MINUTES</p> <p>MAXIMUM WORKING TIME 3 MINUTES</p>	<p>TESTING TOOLS INCLUDE</p> <ul style="list-style-type: none"> • SR 1 & 2 TOOL PLUS • AXE - CAR JACK • COLD CHISEL • GAS TORCH • COBBLERS DRILL <p>MAXIMUM TEST DURATION 20 MINUTES</p> <p>MAXIMUM WORKING TIME 5 MINUTES</p>

EXTENDOR CAGES

Provide enhanced protection within a restricted or shared area. Access to an area can be controlled and monitored and lines of site facilitate CCTV coverage and patrol guarding. Extendor Cages also permit free airflow which means no additional climate control or fire detection and suppression are necessary.

- ▶ Cages are constructed on site from a modular system that can be added to or relocated in the future. No 'hot works' are required in assembly.
- ▶ Available in a range of security levels utilising the Elite, Vulcan and Eclipse grilles
- ▶ Vulcan and Eclipse cages are individually certified LPS1175 SR2 & SR3 respectively
- ▶ Custom designed to suit each location and application
- ▶ Certified for use with raised access floors
- ▶ British Government approved
- ▶ Almost unlimited size range
- ▶ Approved by the association of British Insurers



OPTIGUARD

A cost effective solution to vandalism, Optiguard is an unobtrusive perforated steel mesh fitted to the outside of windows to prevent glass being broken.



WINDOW BARS

20mm solid steel bars ideal for vulnerable premises and designed to rotate to prevent attack from intruders with tools such as hacksaws. The product is made without welding to reduce the risk of rust and is easy to install and maintenance free.





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