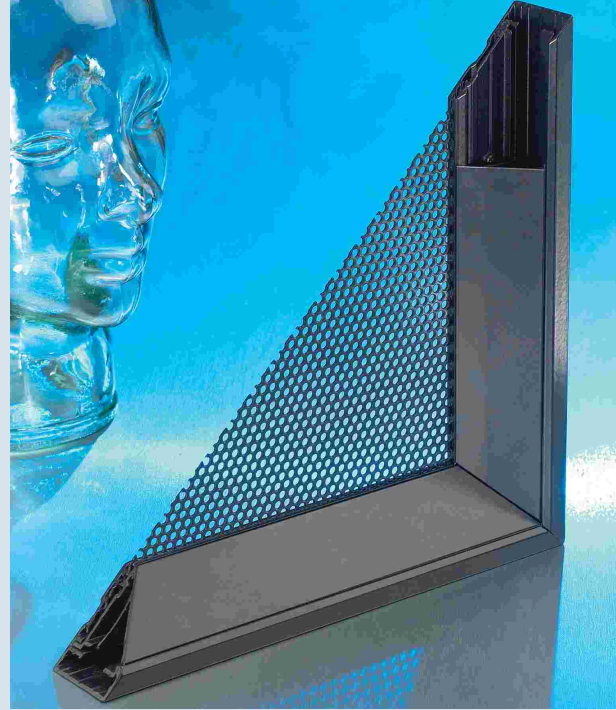


DESCRIPTION

GriffinGuard is a framed and perforated sheet of 3CR12 ferretic stainless steel that fits over a window opening to protect it from burglary and vandalism. It has been designed to blend in with the architectural features of a building and is hardly visible from a distance but, up close, it is visible and strong enough to protect property.



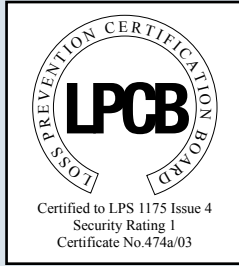
[RETURN TO MENU](#)

FEATURES & BENEFITS

| Features | Benefit |
|--|---|
| <ul style="list-style-type: none"> • Tested and certified by the LPCB to LPS 1175 security rating level one | <ul style="list-style-type: none"> • Peace of mind |
| <ul style="list-style-type: none"> • 5 year guarantee including corrosion | <ul style="list-style-type: none"> • Peace of mind |
| <ul style="list-style-type: none"> • Simple construction | <ul style="list-style-type: none"> • Quick and easy to install |
| <ul style="list-style-type: none"> • 60% visibility through mesh | <ul style="list-style-type: none"> • Low environmental interference |
| <ul style="list-style-type: none"> • 3CR12 ferretic stainless steel mesh | <ul style="list-style-type: none"> • Corrosion resistance |
| <ul style="list-style-type: none"> • Mesh completely covers glass | <ul style="list-style-type: none"> • Protects against vandalism • May reduce noise and protect against flying objects |
| <ul style="list-style-type: none"> • Hinging option | <ul style="list-style-type: none"> • Allows cleaning and alternative fire escape |
| <ul style="list-style-type: none"> • Stand-off option | <ul style="list-style-type: none"> • Allows window to open |
| <ul style="list-style-type: none"> • Anti-graffiti option | <ul style="list-style-type: none"> • Resists paint and allows easy wipe-off |
| <ul style="list-style-type: none"> • High quality frame with firm grip on mesh | <ul style="list-style-type: none"> • Reduces rattling and movement |
| <ul style="list-style-type: none"> • Hidden fixtures | <ul style="list-style-type: none"> • Reduces potential for successful attack |

[RETURN TO MENU](#)

Certification



GriffinGuard has been tested and certified by the Loss Prevention Certification Board against Loss Prevention Standard 1175 and has achieved Security Rating Level 1.



Police Preferred Specification

The Association of Chief Police Officers has awarded GriffinGuard its 'Police Preferred Specification' status and a licence for the Secured by Design scheme.

[RETURN TO MENU](#)

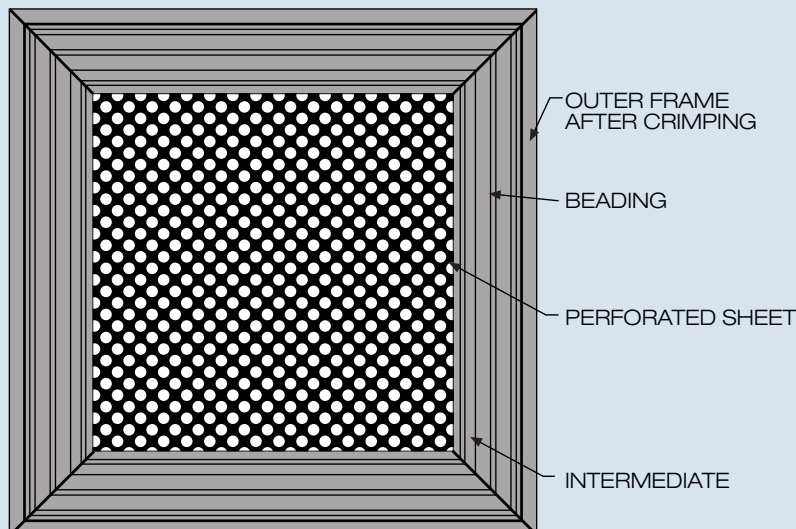
Sizes

The following sizes have been tested by the LPCB are certified to LPS1175 Security ratings Level 1.

| | | Min | Max |
|--------------------|--------|-------|--------|
| No joining strip | Height | 400mm | 1300mm |
| | Width | 400mm | 2500mm |
| With joining strip | Height | 400mm | 2600mm |
| | Width | 400mm | 2600mm |

[RETURN TO MENU](#)

Assembly



[RETURN TO MENU](#)

Options

Hinge away / stand-off option



Anti-graffiti option

Causes paint to 'bead' off rather than sticking and is supplied with a cleaning kit.

Euro-profile cylinders

Euro-profile cylinders for locks are supplied as either half cylinders or as full cylinders.

Full cylinders are used where key access is required from either side. Half cylinders are used where key access is required from one side only.

All cylinders can be supplied as either random keyed or as keyed alike in any combination for a single order.

The cylinder cam is unique to the Trellidor lock. Other models of profile cylinder cannot be used with this lock. It is possible to supply Trellidor cylinders with standard cams if required.

[RETURN TO MENU](#)

Construction

Perforated sheet in an aluminium frame crimped together using corner cleats and fixed with be joined together with a joining strip.

The **frame** is constructed of structural grade extruded aluminium and has three components:

- Outer frame
- Intermediate frame
- Beading

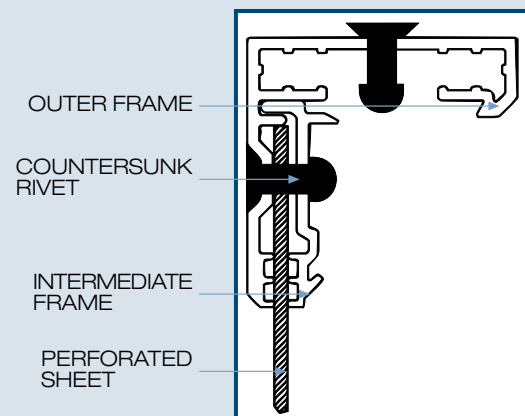
The **corner cleat** is constructed of structural grade aluminium.

Countersunk rivets - 4.8X12 CSK BLK

The unit is secured to the substrate with tamper-resistant **coach screws** which can only be removed using a special drive socket.

The **Perforated sheet** is constructed of 3CR12 ferretic stainless steel:

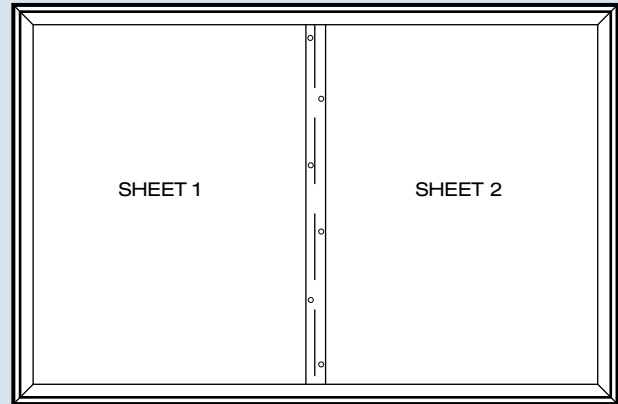
- 1.5 mm thickness
- 4.0 mm hole size at a 5mm pitch
- 60% visibility
- Powder coated (normally in matt black VX8102 for optimum visibility)



[RETURN TO MENU](#)

Joining mesh for greater size

The **Joining Strip** is constructed of aluminium and is riveted (using 4812 countersunk rivets) to the mesh. When two maximum size sheets are joined using the joining strip the resultant unit will be 2500mmX 2600mm. This is the maximum size unit that will conform to the limitations of the LPCB certification (LPS1175 SR1).



38MM X 3MM JOINING STRIP - CENTRALLY LOCATED

[RETURN TO MENU](#)

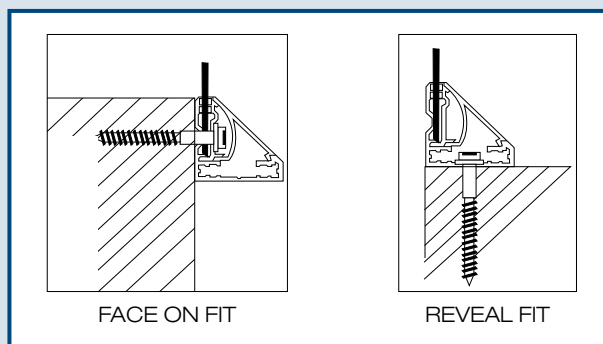
Finishes

Frames can be supplied in any of the following stock range of colours utilising high quality ultra-violet resistant polyester powder coatings suitable for exterior use. Additionally they can be supplied in any standard RAL or BS number and can be matched to corporate identity specification. The mesh is usually supplied in Matt black to increase the optical illusion of greater visibility. The anti-graffiti option is supplied with a cleaning kit.



[RETURN TO MENU](#)

Installation

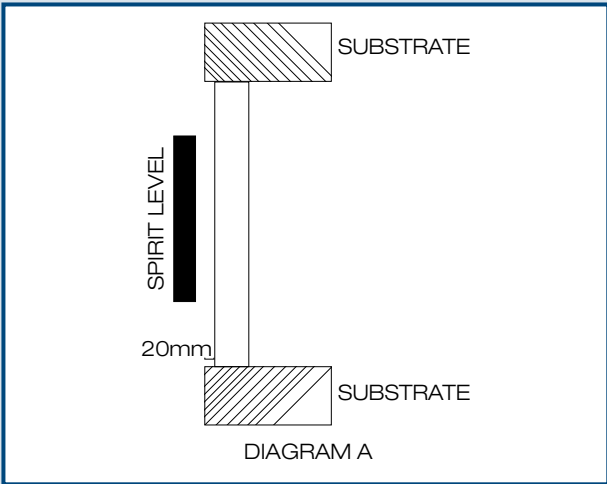


- Fixing holes should be drilled no more than 500mm apart through the unit for Face on or Reveal installation.





- The unit is placed in position and squared with a spirit level back to front as per Diagram A.
- The unit should be no less than 20mm from the front face of the substrate, to prevent the substrate cracking or breaking from the fixings as they expand.



- Pre-drilled holes are marked onto the substrate with a pencil.
- The substrate is then drilled with 7mm or 7.5mm drill, depending on the substrate, for Reveal fit and 8.5mm hole for Face on fit.

- The plastic plugs should be inserted for Reveal fit as per Diagram B and should be flush with the substrate. The 8mm anchor insert is placed into the hole & pushed down to the bottom of hole as per Diagram C. (For Face on fit only) The operation is repeated on all the holes.

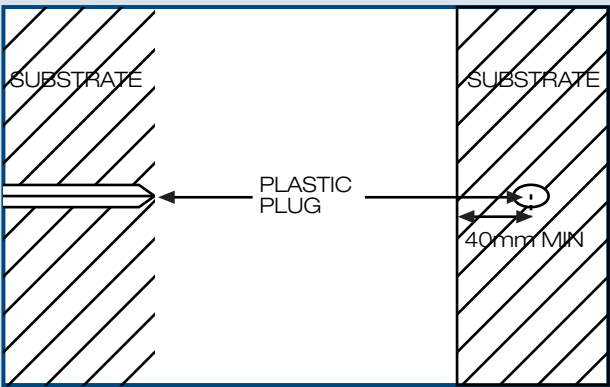


DIAGRAM B - REVEAL FIT

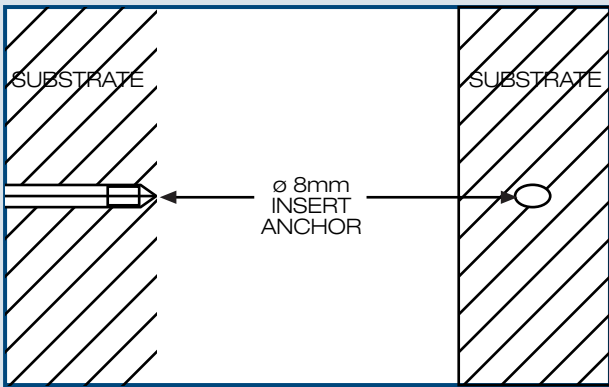


DIAGRAM C - FACE ON FIT

- The unit is placed back and secured with 6mm x 50mm customised tamper proof coach screw or 8mm x 50 High Tensile tamperproof coach screw. Spacers are supplied in the fitting kit if required to space unit evenly and square to the substrate. (This is mainly for Reveal fits).
- Once all the fixing screws have been secured, the correct beading is clipped onto the corresponding Outer Frame.

THE BEADING SHOULD ONLY BE FITTED ONCE THE INSTALLATION IS COMPLETE, AS IT IS IMPOSSIBLE TO REMOVE WITHOUT CAUSING DAMAGE TO THE FRAMEWORK.

Pictures



[RETURN TO MENU](#)