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Security Grille Buying Guide



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Security Grille Buying Guide

We have a very large range of Security Grilles, all of which have many different configurations. This Security Direct Buyer's Guide is designed to help you understand ALL the options available, and with our help, select the right Grille for your particular application.

WHAT IS THE SECURITY GRILLE FOR?

Security Grilles can be fitted over many types of openings, not just Doors and Windows. The reason why Security Grilles are installed can be 1) just as a Visual Barrier 2) for Security of Property, or 3) Protection against Vandalism. Depending on the type of opening and the reason why the Security Grille is being fitted, will help narrow down the type of Security Grille that you require.

EXAMPLES:-

VISUAL BARRIER - This could be Fixed Windows Bars fitted Internal or Externally. It could be Folding Security Grilles fitted internally. These will provide a visual deterrent to thieves and will usually deter them as it requires a lot of effort. Usually the opportunist thief is carrying a screwdriver and they want to be in and out very quick, they certainly don't want the hassle and effort to break through a Grille. Depending on the Security Risk, a Visual Deterrent is usually enough.

SECURITY - When the priority is Security then it comes down to budget. The higher the Security you require, the more money you pay for the Grille. When Security is a priority it is always more secure to fit the Grilles on the inside rather than the outside. Anything fitted externally is more vulnerable to attack as the fixings are more accessible and they can attack the grille without breaking any glass or activating any alarms.

We have Grilles that have been tested and certified by the Insurance Companies. Sometimes Insurance Companies may specify a certain security level. The higher the level the longer it would take to break through the grille and the more advanced tools would be required.

VANDALISM - Usually Window Mesh is fitted externally to prevent windows and glass from being vandalised. The Window Mesh comes in different types starting with the basic weldmesh which is cost effective and would stop bricks. We then have a Perforated Mesh which has smaller holes and would stop smaller projectiles ie; stones and air pellets. We also have a Polycarbonate Window Shield that is 100% clear, it's an expensive option but protects against many projectiles.

WHAT MATERIALS ARE THE SECURITY GRILLE MANUFACTURED FROM?

All Security Grilles are manufactured from Steel. The Thicknesses of the steel depends on the product, but the general rule is that the thicker the steel the stronger the product.

Normally the Grilles fitted internally would be Powder Coated for aesthetics. Security Grilles externally should have some protection from weathering e.g Galvanised and Powder Coated.

WHAT TYPES OF SECURITY GRILLES ARE AVAILABLE?

There are basically THREE Types of Security Grilles available;

WINDOWS BARS - Usually the most cost effective type of Security Grille. These are usually bars welded Horizontally or Vertically within a frame. They can be fitted internally for a higher level of security or externally. The Vertical Bars are available in a range of thicknesses, styles and designs to suit most requirements. The windows bars can be permanently fixed into the wall, or Hinged like a Swing Gate or Removable (Internal Only).



FIXED WINDOW BARS



HINGED WINDOW BARS



DIAMOND WINDOW BARS

FOLDING SECURITY GRILLES - These are usually fitted internally. The advantage of these grilles is that they can lock and slide back to one side or join in the middle and fold back to both sides. They are very neat with the benefit of being able to open and close the grille when required. The grilles can be fitted over Windows, Doors and any other opening. We have folding grilles specifically for Fire Exit Doors as well as a Trackless Barrier System.

The range includes Insurance Approved Folding Security Grilles, which have been tested and certified by the Insurance Companies. The grilles are tested using different tools and over certain length of time, the more aggressive tools used and the longer attack time means a higher security rating.



FOLDING GRILLE

FIRE EXIT GRILLE

TRACKLESS BARRIER

MESH GRILLES - These are usually fitted externally providing protection from vandalism e.g Bricks, Stones, Balls etc. The most basic mesh is Weldmesh which is the most cost effective Mesh Grille, ideal for stopping bricks and balls. Then there is a Perforated Mesh for Higher Security Applications where Security and Vandalism is a priority. We also have Polycarbonate which provides 100% vision. It comes in different thicknesses for different security levels. The Clear Window Guard is an expensive option.

As these grilles are fitted externally usually over windows, they mostly need to stand off the wall to allow the windows to open. This is possible using either standoff legs for or box section for a Higher Level of Security.



WELDMESH

PERFORATED MESH

POLYCARBONATE

WHAT FINISHES ARE AVAILABLE?

The Security Grilles are all manufactured from Steel. Normally the Grilles are Powder Coated to provide a paint finish, which is ideal for internal use and can be easily cleaned.

If fitting any Security Grille externally we strongly recommend having the Grilles Galvanised. This is an industrial process where the grilles are dipped in Molten Zinc which provides a Long Term rust protection. It is an industrial process and does cause some rough surface on the grilles. The grilles can be supplied in the Silver Metal finish or can Powder Coated a colour.

We carry a large range of colours in stock, which can be seen on our website. If we don't have the colour in stock, then we can buy it in especially at an extra cost.