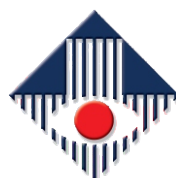




Security Direct
property protection

Large Product Range ✓
Competitive Prices ✓
25 years Experience ✓

Fixed Window Bars



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Window Bars - Fixed



Key Benefits

- Domestic, Commercial, Industrial and Retail
- Fixed Security Grille
- Internally or Externally Fixed
- Medium to High Security
- All Steel construction
- 12mm, 16mm and 20mm Infill Bars
- Powder Coated One of 50 Standard colours
- 2-3 week lead time (Subject to change)

Window Bars - Fixed



Product Overview

Description

The fixed windows bars are popular, as they are a cost effective way of securing a window. They can be fitted externally or for a higher level of security can be fitted internally. We manufacture every grille to suit the application and security risk. For Internal Domestic windows, we suggest a 12mm round bar, as it's not too heavy and prison like. For External use, we recommend a minimum of 16mm bars and for commercial and higher levels of security, we suggest 20mm round bars. We have a range of frame options, depending on the fixing requirements. We also have the option of standoff legs, so the bar grille stands off the wall and allows the windows to still open.

Common use

Fitted internally or externally over windows.

Maximum Width

2500mm

Maximum Height

2500mm

Weight

20-25kgs m/2

Standard Finish

Powder Coated one of 50 standard colours.

Lead Time

10-15 working days (subject to change)

Window Bars - Fixed



Specification

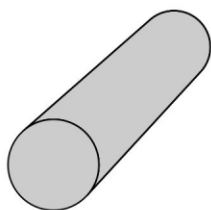
Infill

The infill uses a 12 mm, 16 mm or 20 mm Round Solid Steel bar which is welded to either fixing brackets or to a frame. Intermediate Tie Bars are welded when over 1200 mm in height or higher risk applications.

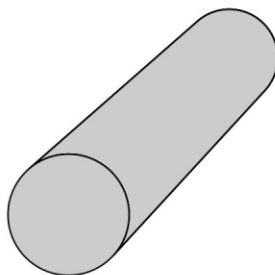
Standard Duty - 12mm Round Bar Infill - Recommended for Internal Domestic and Low Risk Applications.

Intermediate Duty - 16mm Round Bar Infill - Minimum thickness for External Installations

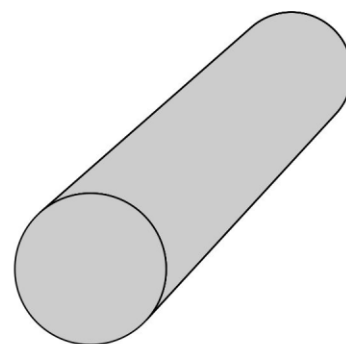
Heavy Duty - 20mm Round Bar Infill - Ideal for High Security Applications and is usually specified by Insurance companies as the minimum requirement for commercial properties.



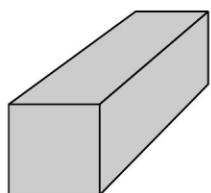
12mm Round Bar



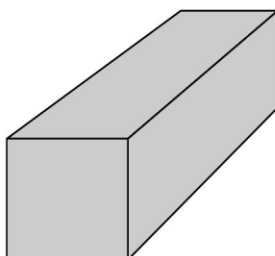
16mm Round Bar



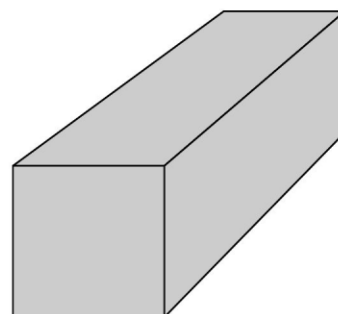
20mm Round Bar



12mm Square Bar



16mm Square Bar



20mm Square Bar

Window Bars - Fixed

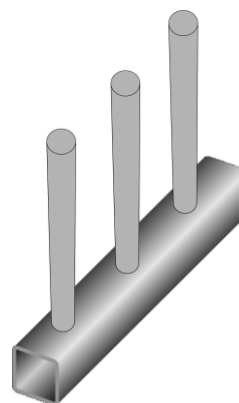


Specification

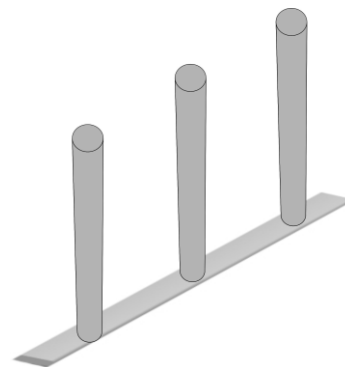
Frame

The Window Bars come as standard with a Box Section frame, other types of frame are available on request.

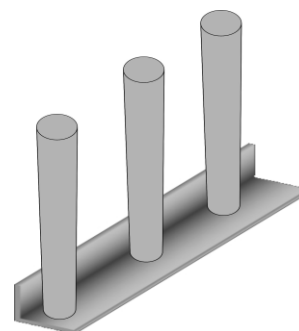
BOX SECTION - The Bar grille is supplied as standard in a fully welded Box Section frame. The size of the box section will depend on the Diameter of the infill bars. The bars are welded into the frame, providing a very strong bar grille. The advantage of the box section is that the fixings can be concealed inside the box section profile, making it a neater and more secure than the other frame types.



FLAT BAR FRAME - the vertical bars are welded into a full frame which is manufactured from Flat Steel Bar. The flat bar frame is ideal when face fixing onto a wall or back of a door.



ANGLE FRAME - the vertical bars are welded into a full frame which is made from Angle Iron. Angle frame is often used in warehouses, where aesthetics are not important.



Window Bars - Fixed

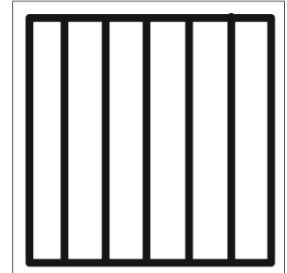


Specification

Options

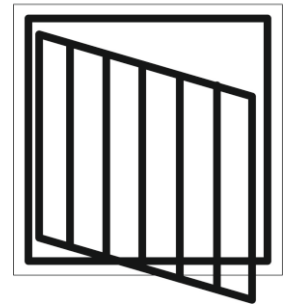
FIXED - The Bar grille is supplied as standard as a Fixed Panel. On larger sizes the grille maybe supplied in sections and required bolting together on site.

FIXED



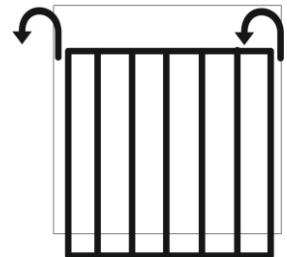
Hinged - There is the option of having the Bar Grille as a Hinged Gate. Ideal for emergency escape, where access is required or for maintenance and cleaning.

HINGED



Lit Out - There is the option of having the grille lift out and lockable if required. This is only available on small openings.

LIFT OUT

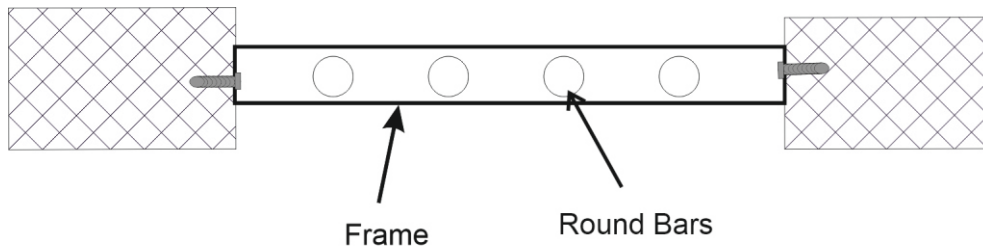


Window Bars - Fixed



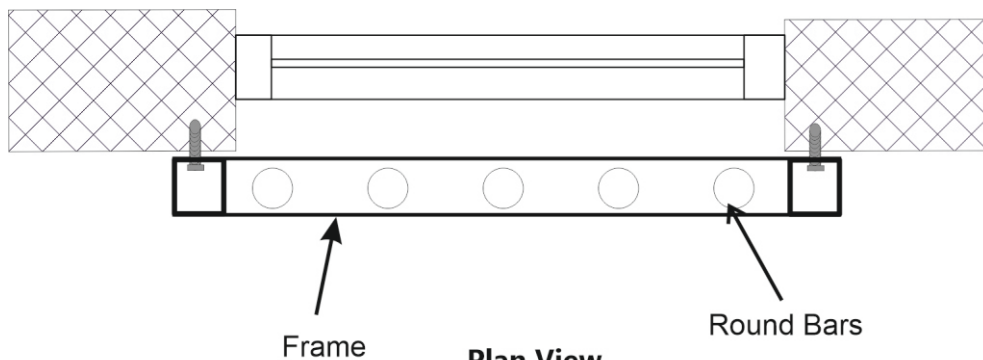
Specification

Standard Reveal Fixing



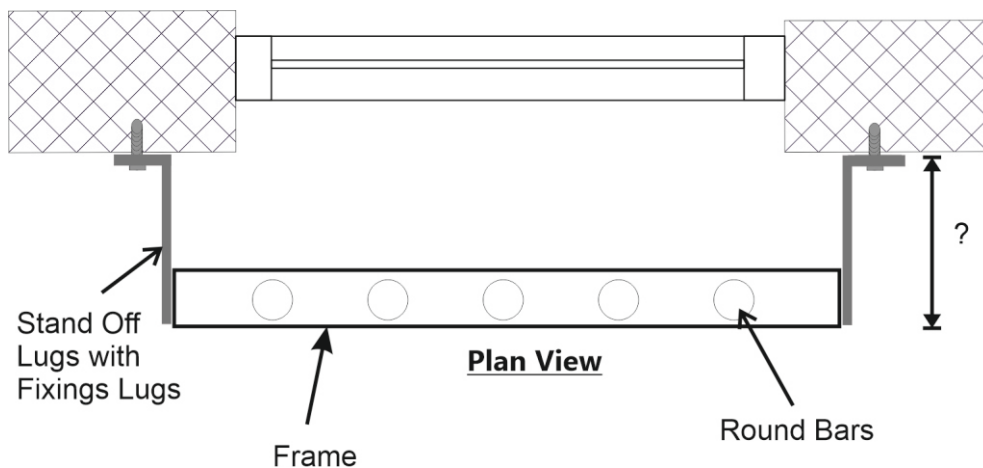
Plan View

Standard Face Fixing



Plan View

Optional Stand Off Fixing



Plan View

Window Bars - Fixed



Specification

Rust Protection

Our Window Bars are powder coated after manufacture as standard. The powder coating is a paint finish, it doesn't provide any rust protection. If the paint gets chipped or damaged then water can reach the raw steel and the grille will rust.

We advise that if the grilles are fitted externally then they have some form of rust protection under the powder coating. We offer two options;

ZINC BASE PRIMER - This is a basic sprayed primer that is applied to the grille prior to powder coating. This is a cost effective way of protecting the grille from rusting. This is an extra cost.

HOT DIPPED GALVANISING - This is a heavy duty industrial process, where the grilles are dipped into a Molten Zinc bath. The zinc provides a thick coating to the steel, which is heavy duty and robust. It is an industrial process and you do get some spikes and the surface can be left with some rough edges. The grilles can be left Galvanised finish or can be powder coated. There is a minimum charge for Hot Dipped Galvanising, so is more cost effective when there are quite a few grilles.



Window Bars - Fixed



Colours

STANDARD COLOURS



BAND A COLOURS



BAND B COLOURS



BAND C COLOURS



Please note the colours illustrated will not be an exact match and are intended as a guide only