

SeceuroBar Removable Window Bars



**EMAIL: ENQUIRIES@SAMSONDOORS.CO.UK
TELEPHONE: (01933) 448850
MON - FRI 8:00AM - 5:00PM**

Built for security,
designed for
access.



Introduction

SecuroBar removable window bars offer reliable security with uncompromised access.

Removable window bars help protect vulnerable ground-floor or rear access windows from intrusion.

The award-winning system uses powder-coated anti-cut steel bars which are locked in place on the inside, in either a vertical or horizontal format.

Strong extruded aluminium retaining units secure each bar, while the unique locking system means that they can be released in seconds, to allow unobstructed views, emergency access from the inside, window cleaning or maintenance.

- Available with single key operation up to 3000 mm wide
- Can accommodate wider openings with an additional lock and set of bars
- Maximum height 2100 mm (requires spreader bars above 1500 mm)
- 19 mm steel inner outer tube with free-moving anti-cut 15 mm steel inner
- High-security 10 pin radial camlock with 5 million + key combinations
- Durable powder coated finish in White RAL 9010 as standard
- 125 mm spacing between the centres of each bar

Powder Coating

Available in a full range of RAL colours

Specification & Sizes

Flexible design for domestic and commercial locations needing reliable, removable window security.

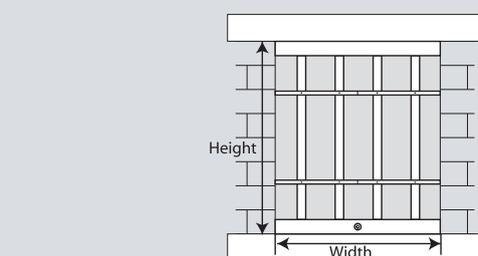
Vertical Installation (single unit)

REVEAL WIDTH:	250 mm - 3000 mm
REVEAL HEIGHT:	200 mm - 2100 mm
MAX HEIGHT WITHOUT SPREADER BARS:	1500 mm

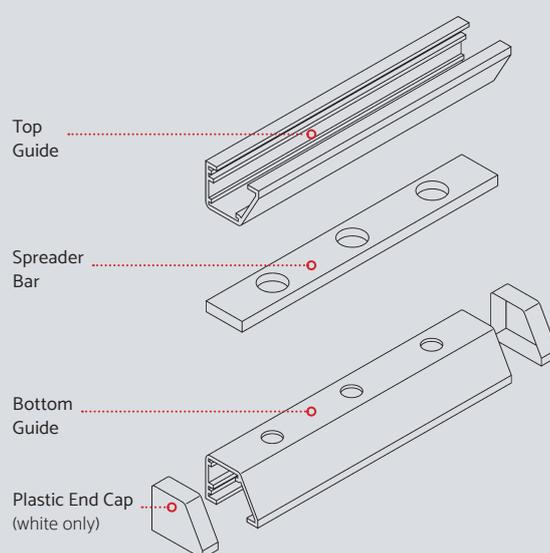
Spreader Bars

Spreader bars are used to minimise deflection on taller installations and to make bar removal easier. For applications exceeding 1500 mm in height, two rows of spreader bars are required. To ensure maximum rigidity, spreader bars should be positioned approximately one quarter of the tube height from both the top and bottom of the unit.

Spreader bars must be installed prior to locating the window bars into the top and bottom retaining units. Each spreader bar is secured in place using an M5 x 8 mm grub screw with a 2.5 mm Allen head.



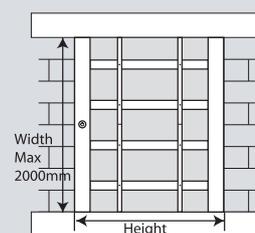
Vertical installation within a window reveal



Horizontal Installation

On narrow, but high openings or doorways, removable window bars can be installed with the retaining units running vertically and steel bars horizontally. When mounting the bars horizontally the lock must always be fixed on the left hand side when viewed from inside looking out.

REVEAL WIDTH:	200 mm - 2000 mm
REVEAL HEIGHT:	250 mm - 2000 mm

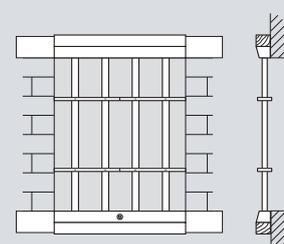


Horizontal installation within a window reveal

Face Fixed Installation

The system can be supplied (at additional cost) with powder coated 50 mm x 50 mm aluminium packers to face fix it to any wall.

Removable window bars are designed to be fitted internally and under no circumstances are they to be installed externally.



Window bars installed around the window (face fixing)

Surveying & Installation

Designed to fit as closely as possible to the window frame, to avoid a cavity for dust and dirt to collect in.

Surveying

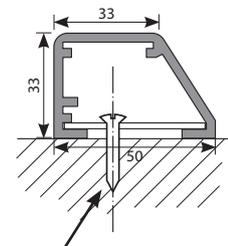
It is important to check during the survey that the opening is suitable for the removable window bars. If the reveal construction is solid steel or a cavity then it would be better to face fix the system around the opening.

Ensure that tight reveal sizes (in particular the height) are given when ordering. Failure to do this could mean that the bars are cut too short for the opening compromising the level of security achieved.

You must check that the reveal is straight and level, any deflection of the bottom retaining unit will cause the mechanism to stick. Packing strips can be used to make the reveal level.

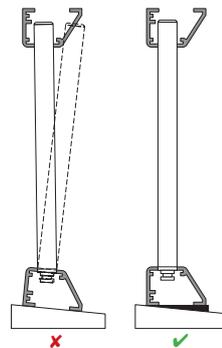
If the reveal slopes inwards or outwards (see figure 2.), or the top retaining unit is not fitted directly above the bottom retaining unit, the sockets will not lock in the slider mechanism. The reveal should be levelled up with packing strips and re-measured.

When surveying for window bars which are fitted horizontally you must provide the width and height as shown in the diagram. The maximum width for a window bar fitted horizontally is 2000 mm. When mounting the bars horizontally the lock must always be on the left looking from the inside out.



Counter sunk screw

Aluminium guide and fixing plate



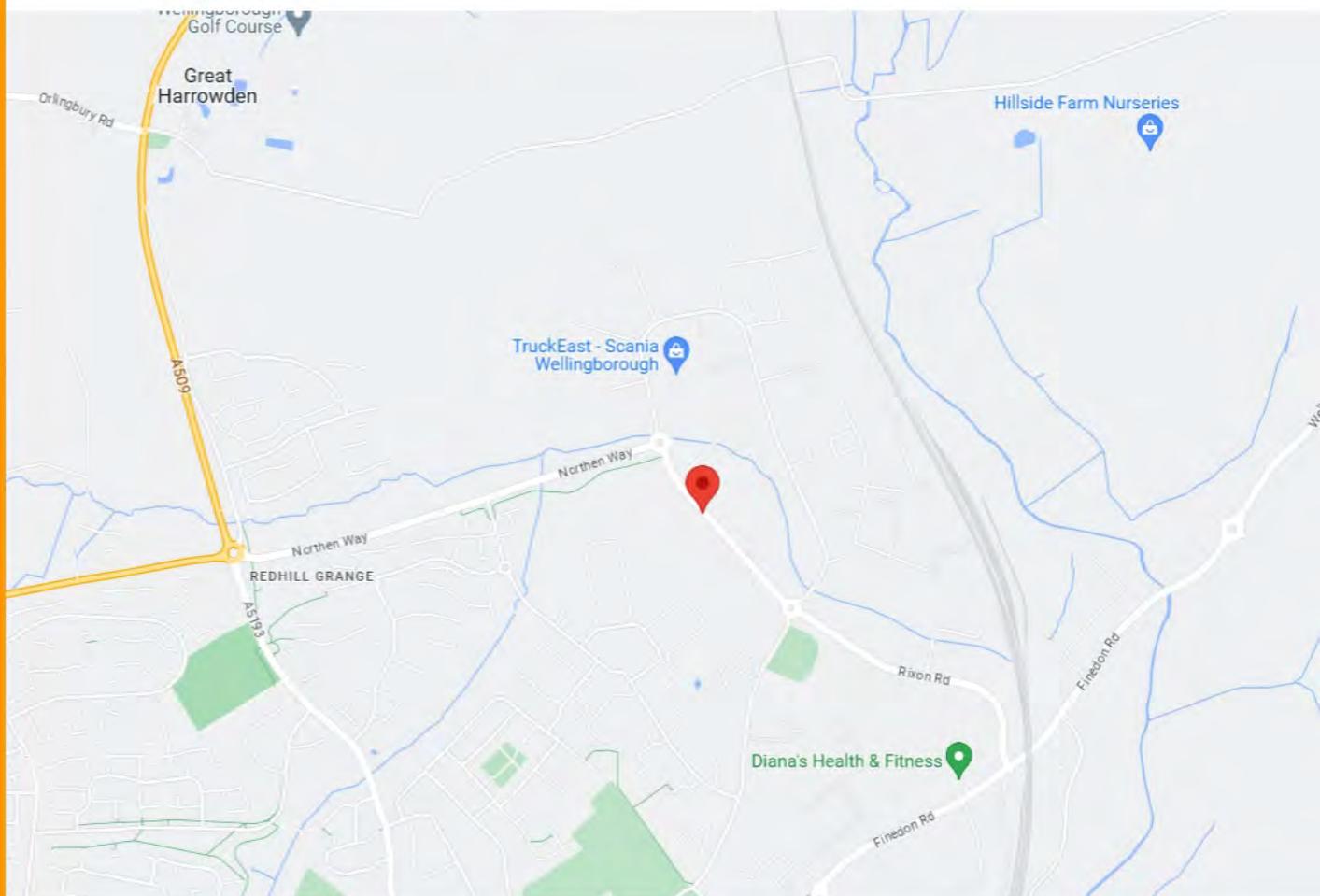
Installation

The top and bottom retaining units can be placed up to the window frame and the fixing positions marked with a pencil, the retaining units can then be removed and the appropriate size hole drilled. The minimum recommended fixing is 10 x 2" (50 mm) countersunk wood screws (see figure 1.). It is very important that countersunk screws are used, these will allow greater clearance in the top retaining unit. It is usually necessary to create a small recess directly below the lock position to allow the bottom fitment to seat correctly. For wider or horizontal bar applications the fixing plates can be secured within the retaining unit by using masking tape or a small amount of silicone sealer (this will eliminate fixing plate movement). Before finally tightening the top and bottom retaining units the end caps should be moved out to the end of the opening, this will provide a neat and even finish to the system.

Operation

Operated by a single radial lock point. The key **must always be pressed in** before any key rotation is possible. All occupants of the building must be familiar with the operation of the system, and aware of the key's location.

Samson



**29-31 STEWARTS ROAD
WELLINGBOROUGH
NORTHAMPTONSHIRE
NN8 4RJ**

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