



MADE TO ORDER

Security Window Bars

Made-to-measure fixed window bars — 16mm solid steel, fully welded into a rigid box-section frame, engineered to stop forced entry without blocking ventilation or natural light.

16mm solid steel bars

Fully welded 40mm box-section frame

Kit-form assembly for reveal fix

Anti-vermin mesh backing

Fixing kit included

Custom RAL or BS colour match

Horizontal or vertical orientation

Heavy duty configuration

OVERVIEW

Covent Security Window Bars are a fully welded, solid steel barrier system engineered to stop forced entry through vulnerable windows on commercial, industrial and public-sector buildings. Unlike hollow-tube alternatives, our bars are constructed from 16mm solid steel and welded into a rigid 40 × 40 × 3mm box-section frame, producing a single, tamper-resistant panel with no removable parts and no serviceable fixings on the outside face. Each set is made to measure — install internally to retain full window operation for ventilation, or externally as a visible deterrent — and finished in a powder coat of your choice.

FRAME

Fabricated from 40 × 40 × 3mm steel box section on head, jambs and threshold, with welded mounting lugs for M10 sleeve anchors (supplied).

BARS

16mm solid round steel bars set at 150mm vertical centres, reinforced with horizontal tie bars at regular intervals. All joints fully welded. Kit-form (bolted on-site) assembly available for reveal-fix applications.

REVEAL FIX

Bars sit inside the window reveal. Deduct 5–10mm from the aperture dimension when ordering. Available fully welded or as a kit for on-site assembly.

FACE FIX (PLANT ON)

Bars sit proud of the wall, overlapping the reveal. Add 100mm to the aperture dimension when ordering. Supplied fully welded only.

FINISH OPTIONS

Standard finish: white powder coat (RAL 9010). Full RAL and BS colour range available as a polyester powder coat — common specifications include RAL 7016 Anthracite Grey, RAL 9005 Jet Black, BS 18 B29 Raven Grey and BS 14 C39 Holly Green.



SIZES

Minimum **300mm W × 300mm H**

Maximum **2500mm W × 2500mm H**

For apertures larger than 2500mm, multiple panels can be joined — please contact us to discuss multi-panel configurations.

WHAT'S INCLUDED

- Fully welded steel frame & bars
- M10 sleeve anchor fixings
- Optional fixing cover caps

APPLICATIONS

- Substations & transformer rooms
- Plant, generator and pump rooms
- Schools, colleges and public buildings
- Retail units and commercial storefronts
- Warehouses and distribution centres
- Ground-floor offices and vulnerable apertures

