

Removable Window Bars

1. General Information and specification

GENERAL

Product Name: Removable Window Bars
Description: Commercial window bar system using fixed steel tube outer bar and free rotating inner tube. Bars can be fitted horizontally on lower heights. Operated with 10 pin cam-lock.

BARS

Description: 19mm outer steel tube with 15mm inner tube
Dimensions:
Weight:
Stock colours: White RAL 9010 finish as standard. Can be powder coated in standard range of colours. (End caps only available in white)

SPREADER BAR

Type/s: 3 hole version
50mmx32mm, 3mm thick steel flat bar 65mmx32mm,
2 hole version:
50mmx32mm, 3mm thick steel flat bar 65mmx32mm,

TOP & BOTTOM GUIDES

Construction: Extruded aluminium section

INSTALLATION

Guides: The Guides must be securely fastened with 10 x 2" countersunk woodscrews through fixing plates.

MAXIMUM AND MINIMUM SIZES

Vertical bars

Maximum Height 2100mm high (spreader bars fitted to height 1500mm and above).
Minimum Height: 200mm
Maximum width: 3000mm (greater if multiple units used)

Removable Window Bars

Minimum width: 250mm

Horizontal bars

Maximum Height: 2000mm high, greater if multiple units used (spreader bars fitted to height 1500mm and above).

Minimum Height: 250mm

Maximum width: 2000mm

Minimum width: 200mm

These maximum bar sizes are due to the deflection of the bars (even with spreader bars fitted). For taller windows fit two or more sets or consider using horizontal bars.

STANDARDS

The shutters are compliant with the Machinery directive and the Construction Product Directive. The main product standard for these products is BS EN 13241-1.