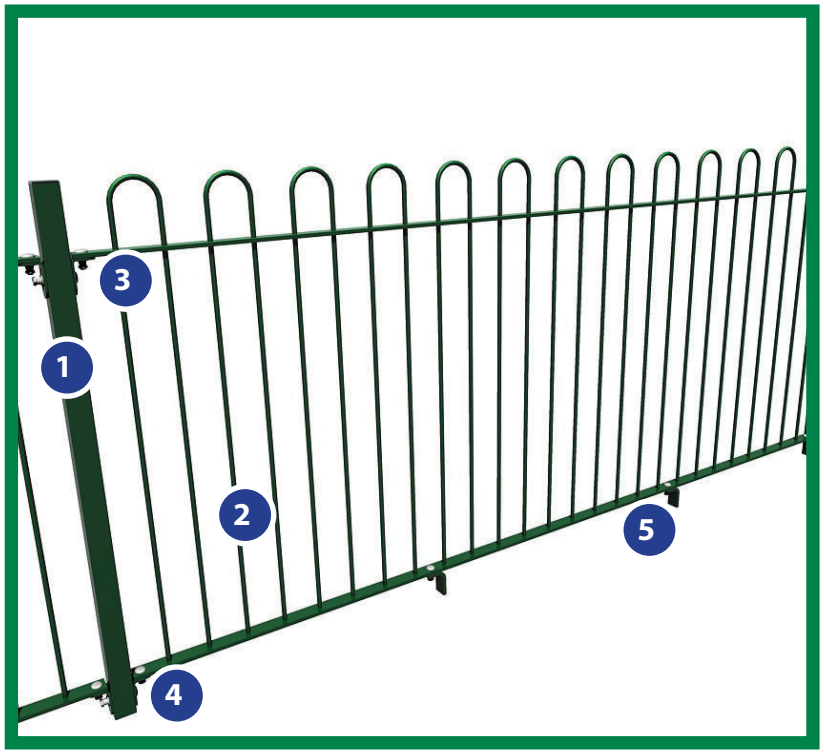
ZAUN

BOWTOP URBAN
Perimeter Railing System



MADE IN BRITAIN

NBS Plus

Conforms to BS1722: Part 9

Benefits

- Slotted cleats allow panels to be installed either on the flat or stepped as desired
- Mid panel feet to support the panel to prevent sagging
- Off-set hinge eliminated finger traps
- Attractive appearance
- Vandal-resistant & Strong
- Available either bolt down, in-ground or on wall

Features

1. Polyester Powder Coated RHS Post
2. 12mm / 16mm Bar Diameter
3. Stepping Cleats
4. Security Fixings
5. Mid Panel Feet

Zaun's range of Bow Top railings provide a decorative and secure perimeter, ideal for use as a boundary fence in housing estates, parks and other commercial properties. In addition, bow Top fencing can be used in a wide variety of different site locations.

Bowtop Urban is designed with a 150mm bow at the top of the panels to provide an attractive bow style top (for ROSPA compliant variation, see Bowtop Play). With available heights, Zaun's range of Bowtop fencing is available from stock.

Slotted cleats on the Bow Top Urban panels allow this fence to be installed either on the flat or stepped as desired. Mid panel feet support the panel to prevent sagging.

Each bow top railing perimeter fencing system is designed and manufactured in Wolverhampton and available in bespoke sizes to suit customer requirements. Our manufacturing capacity enables us to manufacture railings to any height or width required on-site. Zaun can even create railings with inclines to provide a consistent perimeter height.

Bespoke curved bow top railing panels also available to provide your perimeter with a different, more aesthetic style of the corner.

Powder-coated and available in almost any RAL colour to suit customer requirements. Gates and other additional items are also available to complete the perimeter.

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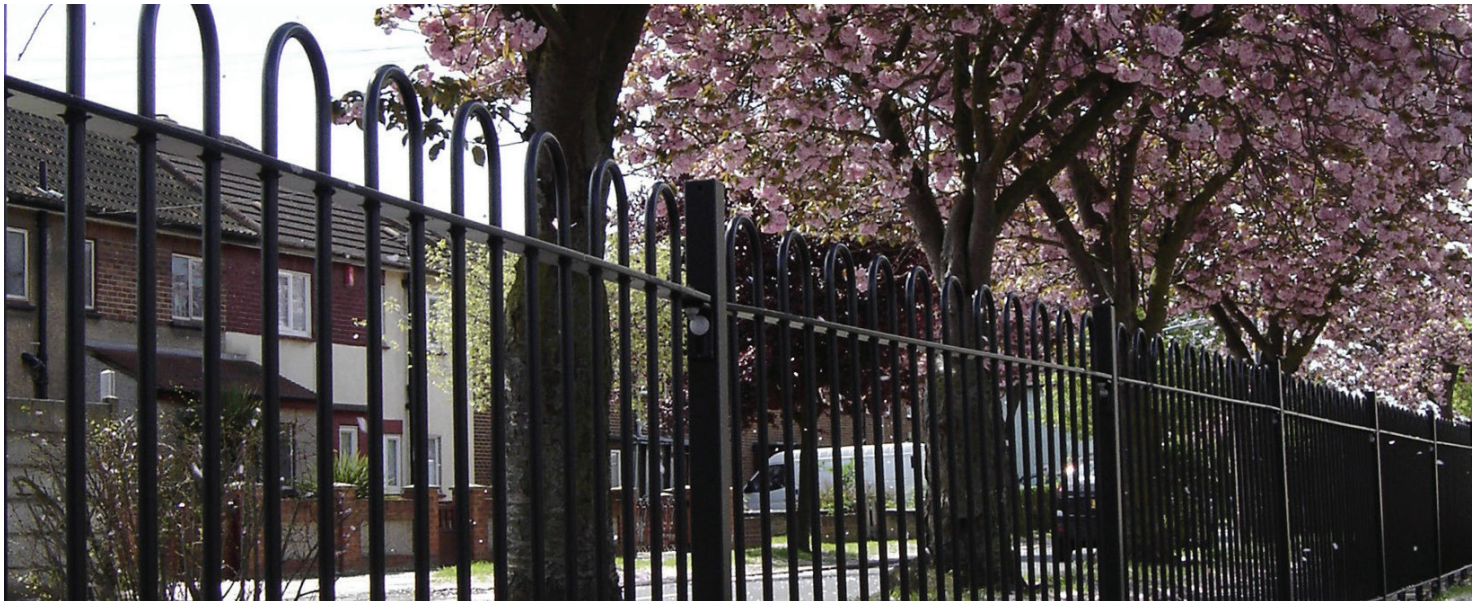


Finish
Hot-dip galvanised to ISO1461 & optional polyester powder coated, after stringent cleaning & treatment to give a well-adhered coating with a minimum of 60 microns. All Zaun posts/panels/gates and painted auxiliary components (for example, clamp-bars, slide bolts etc.) benefit from a protective zinc layer and electrostatically applied polyester powder coating to BS1722 p16. Care is taken with pre-treatment to ensure sound adhesion between the zinc and paint layers. In a UK C1 environment, as defined in ISO 12944 p2, this should ensure a useful life expectancy of the fence of at least 15-20 years. Life expectancy in all environments can be extended by maintaining the fencing with regular washing. Useful life will be reduced if the fencing is damaged. Any coating damage should be repaired to reduce the effect on useful life. Enhanced painting systems such as marine coatings are also available for improved life expectancy in C2-C5M environments.

Posts & Fixings
The Bowtop Urban railing system features a post and stepping cleat configuration, providing a simple and easy installation method. Supplied with Cup Square Bolts and Shear Nuts and installed using either power or hand tools.

Sloping Ground
Panels can be stepped as required on the post. Where gradients exceed 1:16, it is recommended that the stepping cleats are adjusted to suit the gradient as required. Panels can also be sloped to the following gradients, within the tolerance of the post section: 0 to 16mm / 56mm / 56 to 72mm

Variations
Posts are available in different lengths to accommodate panel heights and ground conditions. Additional variations are also available:

- Wall fixing, cranked posts or base plated.
- Bespoke panels can be manufactured to be raked and radiused

Gates:
Pedestrian gates are single leaf 1.2m wide (or width to suit), framed in a 50mm x 50mm RHS with Bowtop Urban style panels within the gate frame, with slide latch and slow closer. Gate supplied with 2 x suitable gate posts.

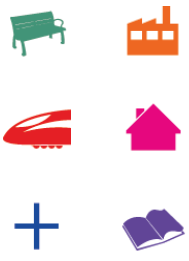
Vehicle access gates are double leaf (single leaf vehicle gates available) 3.0m wide (or width to suit), framed in 50mm x 50mm RHS, with Bowtop Urban style panels within the gate frame, with drop bolts and slide latch. Gate supplied with 2 x suitable gate posts.

Note: Slow closing RoSPA compliant playground gates also available

Specification

Height:	900, 1000, 1200, 1500, 1800, 2000mm
Note: Other heights also available upon request	
Panel Width:	2700mm
Bar Diameter:	12mm / 16mm / 20mm
Bar Centres:	112mm / 120mm
Post Size:	50mm x 50mm / 70mm x 70mm (Dependant on height)
Post Centres:	2760mm / 2780mm (Dependant on height)
Horizontal Bar:	40 x 8mm / 50 x 10mm (Dependant on height)
Bow Over Sail:	150mm
Support Legs:	1 x Per bay to prevent sag
Fixings:	Cup square bolts & shear nuts

Applications



Drawings
DWG and PDF drawings available from our website www.zaun.co.uk/drawings

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