

### Overview

R19/180/5 Rural Security Fence has pre-stripped ends for ease of joining. It features solid vertical wires, close vertical wire spacings making it difficult to climb, and the unobtrusive high pressure bonded Torus knot which does not have any sharp edges. R19/180/5 can also be used as embankment netting. It is manufactured with high tensile wire which strains tighter than mild steel and so requires fewer intermediate posts.

### Compliance with British and European Standards

BSEN 10218 - Steel Wire and Wire Products part 2 - General Wire Dimensions and Tolerances.

BSEN 10223 - Steel Wire and Wire Products for Fencing and Netting part 5 - Steel Wire Woven Hinged Joint and Knotted Mesh Fencing.

BSEN 10244 - Steel Wire and Wire Products Non-ferrous Metallic Coatings on Steel Wire part 2 - Zinc or Zinc Alloy Coatings (all Tornado products galvanised to class A).

### Sustainability

All Tornado products are 100% recyclable.

### Traceability

This fence is batch marked and can be traced back to point of manufacture.

### Installation Guidelines

A straining post is required at every major change in direction or any termination and should be supported by a strut or box assembly. Netting should be tied off on the straining posts by hand or with suitable joiners. Cranked brackets at the top of fencing face outwards and are an ideal way to protect enclosures from animals that might otherwise climb over fencing. When tensioning the fence the 'crimp' in the net should be reduced by approx: 50%. Avoid driving staples tight against the wire as this will damage the galvanised coating. A crank can be positioned at ground level or 500mm from the top of the fence to enable the net to be turned out.

### Health and Safety

It is recommended that safety gloves, boots and glasses are worn at all times when handling the product.

### Suitable for

- Rural security fencing

### Specification

No. of Line Wires	19
Overall Height (cm)	180
Distance between stay wires (cm)	5
Top & bottom line wire specification	2.5mm dia - 1235-1390 N/mm <sup>2</sup>
Intermediate line wire specification	2.5mm dia - 1235-1390 N/mm <sup>2</sup>
Vertical stay wire specification	2.5mm dia - 695-850 N/mm <sup>2</sup>
Average Weight per 50 Metre Roll (kg)	129.35
Material Composition	Heavily galvanised steel wire

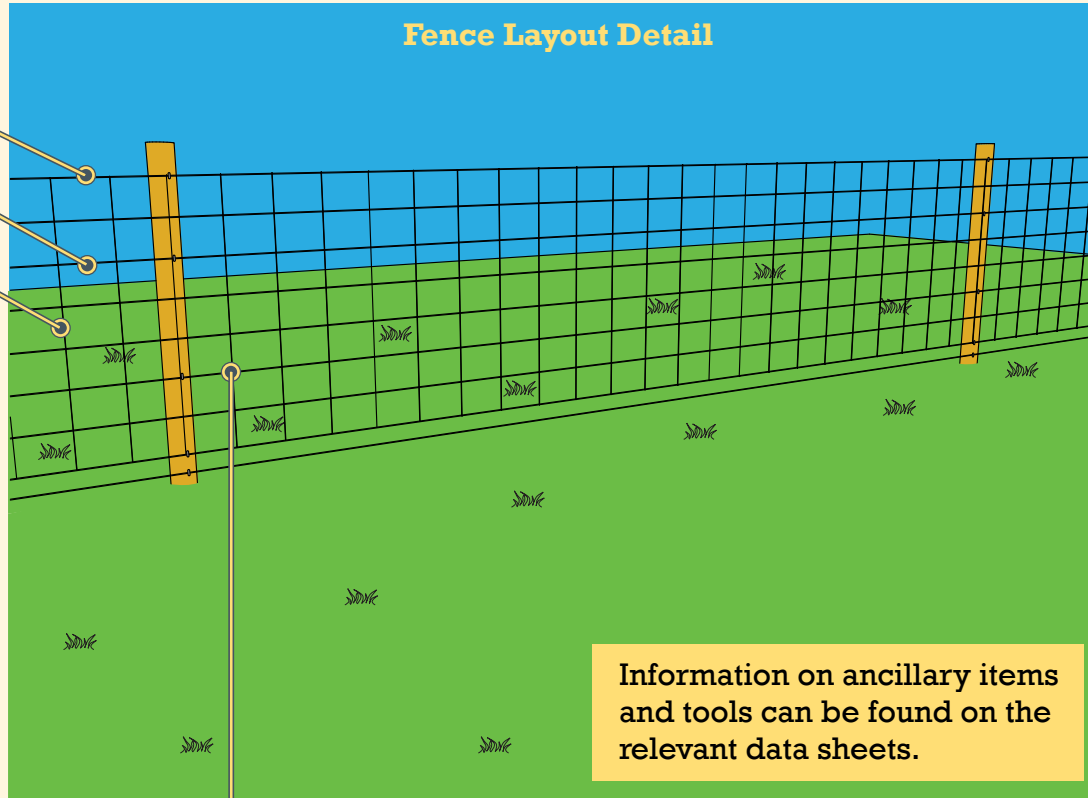
### Product Codes

RZST191803	50 metre roll
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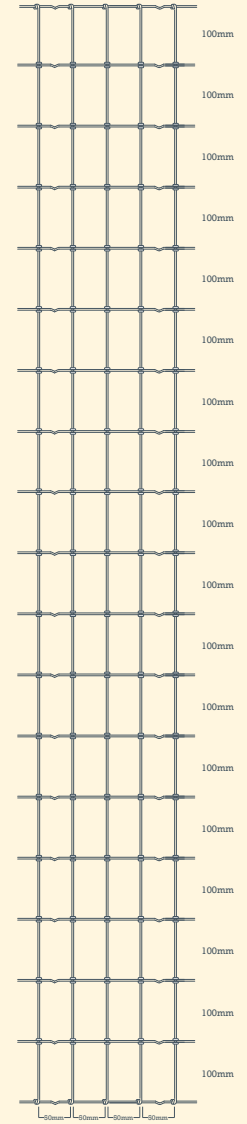
All measurements are approximate. It is the user's responsibility to check the product is suitable for the application. We reserve the right to change specifications without notification.

## Fence Layout Detail

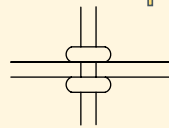
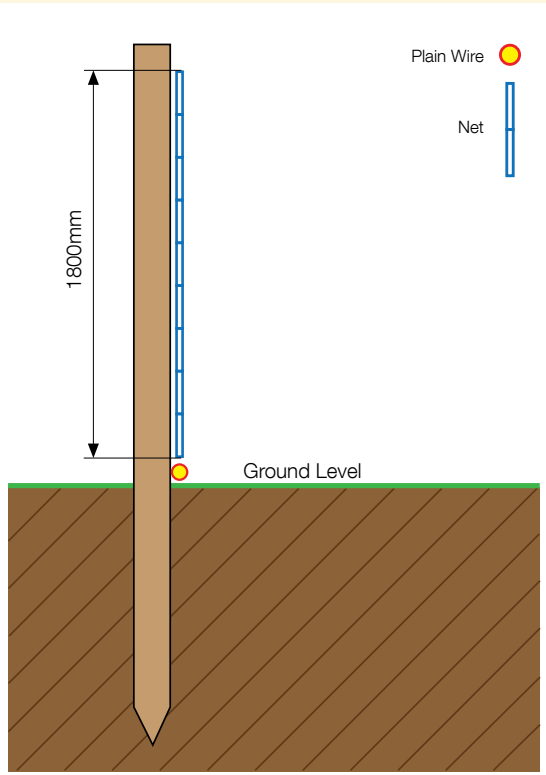
- Top wire 2.5mm high tensile
- Intermediate line wire 2.5mm high tensile
- Vertical stay wire 2.5mm



## Line Wire Detail



## Fence Configuration Detail



### Torus Knot

Manufactured with a high pressure bonded, smooth knot and a continuous vertical stay wire. The Tornado Torus offers optimal strength even in the most extreme environments.

Information on ancillary items and tools can be found on the relevant data sheets.

### Related Products

- Plain wire
- Staples
- Cranked brackets
- Stock-ade staple gun
- Range of fence installation tools