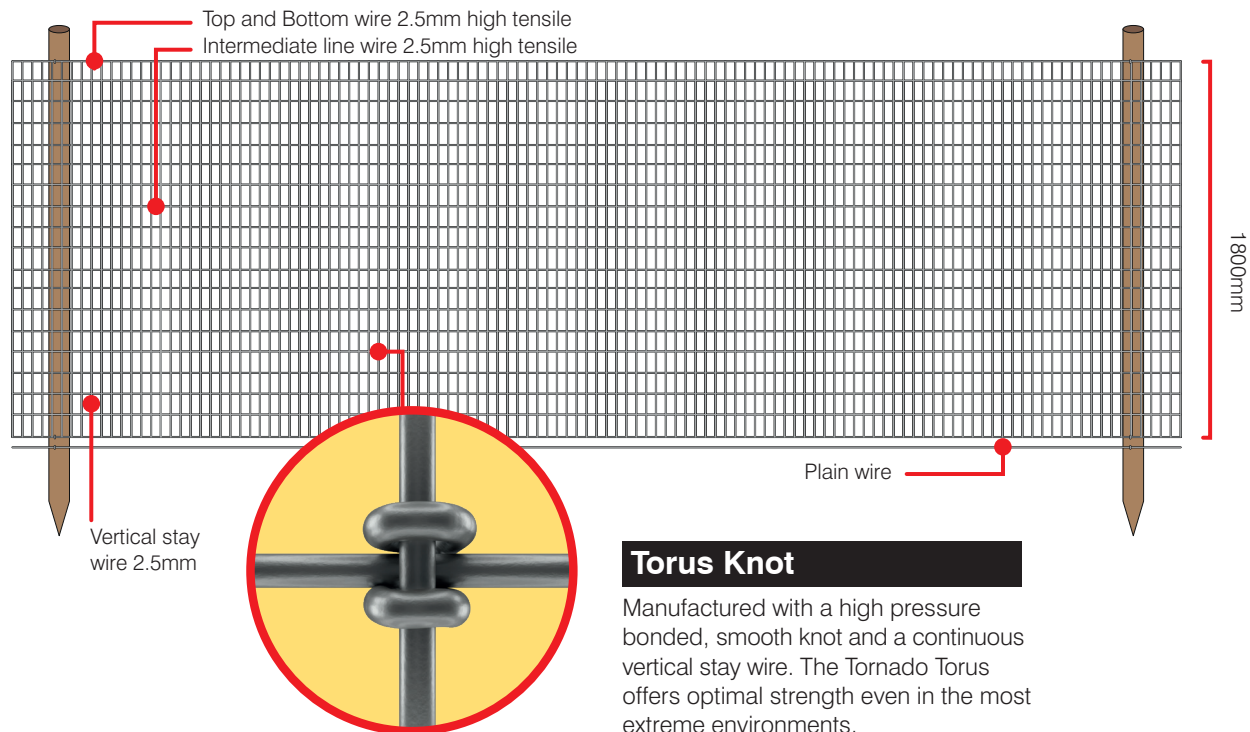


# TORNADO®

## R19/180/5 RURAL SECURITY FENCING



### 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.

### Description

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.

### 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. 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 500mm from the top of the fence or at ground level to enable the fence to be turned out. Zinc and zinc aluminium coated agricultural fence service life can be affected significantly when exposed to extremely acidic or saline environments and this factor should be considered when designing your fence installation. For typical service life to be achieved it is recommended that the product must be installed in an atmosphere with corrosion class C1, C2 or C3 (very low/low/medium) in accordance with ISO 9223 and must not come into contact with substances that will accelerate corrosion, including but not limited to fertilisers, pesticides, herbicides, salt water

and soils of pH lower than 5.5. Particularly at sites with peaty and wet ground conditions it is recommended that you have the soil pH tested prior to designing your installation. For more information on installation please refer to BS1722 part 2

### Suitable For

Universal Applications

### Specification

Number of line wires	19
Overall height	180cm
Distance between stay wires	5cm
Top & bottom line wire specification	2.5mm diameter - 1235 - 1390 N/mm <sup>2</sup>
Intermediate line wire specification	2.5mm diameter - 1235 - 1390 N/mm <sup>2</sup>
Vertical stay wire specification	2.5mm diameter - 695 - 850 N/mm <sup>2</sup>
Approx. weight per 50m roll	127kg
Material composition	Heavily galvanised steel wire

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.

**TORNADO®**  
Latest update: 01/12/21

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### British & 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).
- BS EN ISO9001** Tornado Wire Ltd operates a quality management system certified to this standard.

### Sustainability

All Tornado products are 100% recyclable.

### Traceability

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

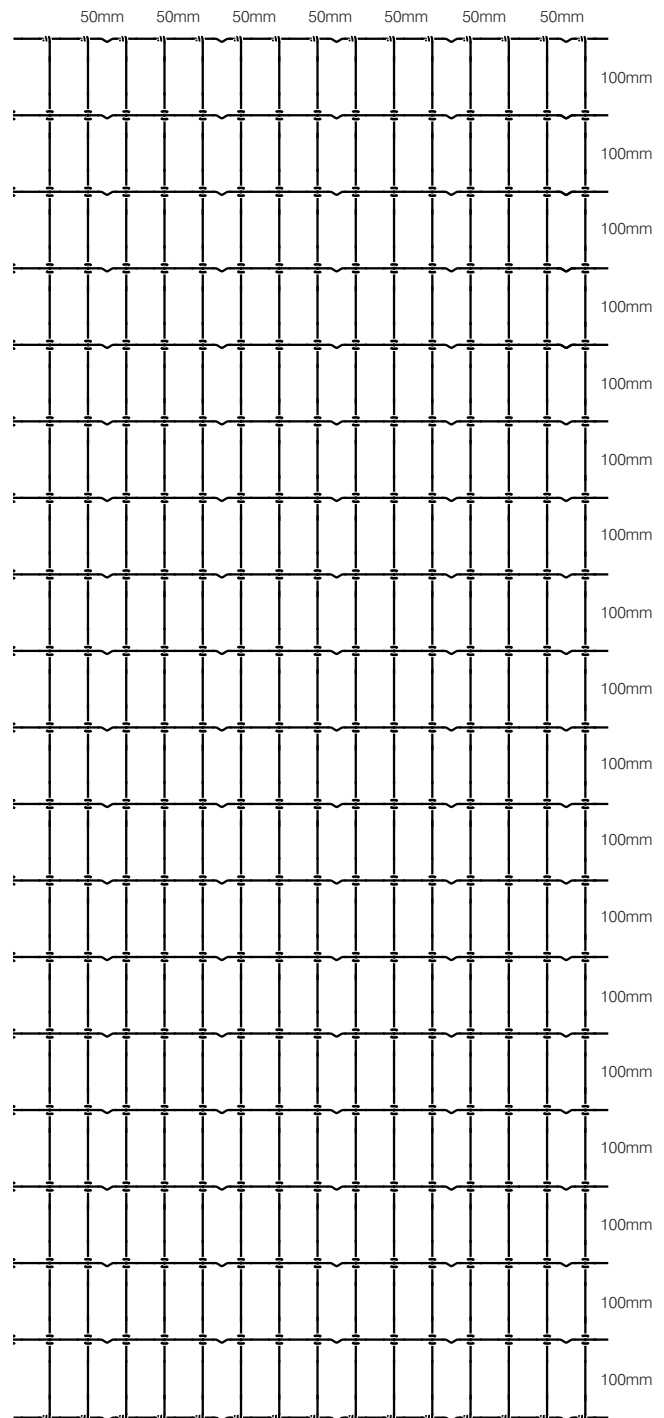
### Health & Safety

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

### Product Codes

<b>50m roll</b>	RZST191803
<b>100m roll*</b>	RZST191801

\*Minimum order quantity may apply



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