The complete guide to permanent perimeter security fencing products
ENVIROMESH are a leading supplier of wire based retention and fencing solutions. The ENVIROMESH range of fencing systems includes Temporary, Permanent and Agricultural products. This is backed up by more than 20 years of experience, a national dealer network and ex-stock availability.

Permanent perimeter security fencing

ENVIROMESH Permanent Fencing Systems covers the full range of perimeter physical security from Boundary Demarcation to prevent trespass to Maximum Security to prevent the most determined entering or leaving the secured area.

All Enviromesh products and systems meet all required standards both in manufacture and assembly.

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WELDED MESH ROLLS

WELDED MESH security fencing rolls are manufactured from pre-galvanised wire, electrically welded at every intersection and are therefore more difficult to penetrate than woven material. Rolls are available in both galvanised and galvanised with a bonded green or black PVC coating. A range of wire diameters, mesh patterns and roll heights offers a cost effective solution for low and medium physical perimeter security requirements.

Applications

Boundary demarcation and anti-intruder
- Recreational areas
- Schools
- Sport
- Industrial and commercial units
- Military

<table>
<thead>
<tr>
<th>Specification</th>
<th>Duty</th>
<th>Mesh Aperture (mm)</th>
<th>Line Wire Diameter (mm)</th>
<th>Roll Height (m)</th>
<th>Roll Length (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvanised Light</td>
<td>50 x 50</td>
<td>2.50</td>
<td>-</td>
<td>0.9m, 1.2m, 1.5m, 1.8m, 2.1m, 2.4m</td>
<td>12.5 or 25</td>
</tr>
<tr>
<td>Galvanised Medium</td>
<td>50 x 50</td>
<td>3.00</td>
<td>-</td>
<td>0.9m, 1.2m, 1.5m, 1.8m, 2.1m, 2.4m</td>
<td>12.5 or 25</td>
</tr>
<tr>
<td>Galvanised Heavy</td>
<td>75 x 25</td>
<td>3.00</td>
<td>-</td>
<td>1.2m, 1.5m, 1.8m, 2.1m, 2.4m</td>
<td>12.5 or 25</td>
</tr>
<tr>
<td>Galvanised (plastic coated)* Light</td>
<td>50 x 50</td>
<td>3.00 / 2.50</td>
<td>-</td>
<td>0.9m, 1.2m, 1.5m, 1.8m, 2.1m, 2.4m</td>
<td>12.5 or 25</td>
</tr>
<tr>
<td>Galvanised (plastic coated)* Heavy</td>
<td>50 x 50</td>
<td>3.50 / 3.00</td>
<td>-</td>
<td>0.9m, 1.2m, 1.5m, 1.8m, 2.1m, 2.4m</td>
<td>12.5 or 25</td>
</tr>
</tbody>
</table>

STANDARD FEATURES Line Wire

<table>
<thead>
<tr>
<th>Specification</th>
<th>Duty</th>
<th>Line Wire Diameter (mm)</th>
<th>Roll Length (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvanised Medium</td>
<td>3.00</td>
<td>-</td>
<td>50</td>
</tr>
<tr>
<td>Galvanised Heavy</td>
<td>3.50</td>
<td>-</td>
<td>50</td>
</tr>
<tr>
<td>Galvanised (plastic coated)* Light</td>
<td>3.00 / 2.00</td>
<td>-</td>
<td>50</td>
</tr>
<tr>
<td>Galvanised (plastic coated)* Heavy</td>
<td>3.50 / 2.50</td>
<td>-</td>
<td>50</td>
</tr>
</tbody>
</table>

Compliance: BS 1722-10:2006 Sizes: Nominal

KEY * available in green or black
CERANA PRO

CERANA PRO is the most cost effective physical security system by Enviromesh with excellent through vision offering a medium level of security and is available in heights of 2.0m, 2.4m and 3.0m. Profiled beams give the panel rigidity and anti tamper fixings fasten the panel securely to steel SHS posts. Durability of the system is assured by the galvanised and polyester coating which gives a low maintenance fence that is aesthetically pleasing.

Applications
Boundary demarcation and anti-intruder
• Industrial and commercial units
• Retail parks
• Schools

<table>
<thead>
<tr>
<th>Standard Features</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard heights</strong></td>
<td>2000mm, 2400mm and 3000mm</td>
</tr>
<tr>
<td><strong>Posts</strong></td>
<td>60 x 60 SHS: 2.0m, 2.4m = 3.0m centres 3.0m = 2.8m centres</td>
</tr>
<tr>
<td><strong>Wire</strong></td>
<td>6mm diameter set at 200mm maximum centres</td>
</tr>
<tr>
<td><strong>horizontal</strong></td>
<td></td>
</tr>
<tr>
<td><strong>verticals</strong></td>
<td>5mm diameter set at 50mm maximum centres</td>
</tr>
<tr>
<td><strong>Profiles</strong></td>
<td>3 per panel = 2.0m and 2.4m 4 per panel = 3.0m</td>
</tr>
<tr>
<td><strong>Fixings</strong></td>
<td>Tamper proof fixings comprising steel clamp with recessed face and permacone security fixings</td>
</tr>
<tr>
<td><strong>Finish</strong></td>
<td>Galvanised wire and polyester powder coated</td>
</tr>
<tr>
<td><strong>Compliance</strong></td>
<td>BS 1722-14:2006, Categories 1 and 2</td>
</tr>
</tbody>
</table>
CERANA CLASSIC

THE CERANA CLASSIC fencing system is the most aesthetically pleasing fence available that will enhance the profile of any location yet still offering a secure perimeter. The extra vertical wires provide a longer cut through time, yet still allows good through vision working well with CCTV. Three profiled beams in the Cerana Classic panel give greater rigidity to the system. The panels are securely fixed to the SHS post with anti-tamper fixings. Long life of the system is assured by the galvanised and polyester coating which gives a low maintenance fence that is aesthetically pleasing.

Applications

Boundary demarcation and anti-intruder

- Schools
- Parks
- Offices
- Airports
- Retail parks

STANDARD FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard heights</td>
<td>2000mm and 2400mm</td>
</tr>
<tr>
<td>Posts</td>
<td>60x60 RHS set at 3m nominal centres</td>
</tr>
<tr>
<td>Wire</td>
<td>6mm diameter set at 150mm maximum centres</td>
</tr>
<tr>
<td>Wire</td>
<td>4mm diameter set at 40mm and 22mm centres</td>
</tr>
<tr>
<td>Profiles</td>
<td>3 per panel</td>
</tr>
<tr>
<td>Fixings</td>
<td>Tamper proof fixings comprising steel clamp with recessed face and permacone security fixings</td>
</tr>
<tr>
<td>Finish</td>
<td>Galvanised wire and polyester powder coated</td>
</tr>
<tr>
<td>Compliance</td>
<td>BS 1722-1:2006, Categories 1 and 2</td>
</tr>
</tbody>
</table>
CERANA 868

CERANA 868 fencing system is manufactured from a double bar heavy duty welded mesh panel which is vandal, impact and cut resistant, yet the open mesh pattern gives excellent through vision. Extra security is achieved with the full length clamp strip fixing to the hollow section steel posts with stainless steel security fixings. Durability of the system is assured by the galvanised and polyester coating which gives a low maintenance fence that is aesthetically pleasing.

Applications

Boundary demarcation and anti-intruder

• Schools
• Parks
• Offices
• Commercial units
• Retail parks
• Sport

Standard gates are available from stock.
1.2m single leaf, 4.3m and 6.3m double leaf.

STANDARD FEATURES  Cerana 868 and Cerana 868 Sport

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard heights</td>
<td>1030, 2030, 2430, 3030, 4060 and 4870mm (heights above 3030mm are supplied as 2 panels)</td>
</tr>
<tr>
<td>Posts</td>
<td>Set at 2520mm nominal centres  Up to 2430mm high: 60x40 RHS, 3060mm high: 80x40 RHS, 4060mm high: 100x50 RHS, 4870mm high: 120x60 RHS</td>
</tr>
<tr>
<td>Wire</td>
<td>2no. 8mm diameter set at 200mm  2no. 8mm diameter set at 66mm (for the lower 1200mm portion of Cerana 868 Sport ‘Rebound’ panel sections)</td>
</tr>
<tr>
<td>Fixings</td>
<td>Posts nutserted to receive stainless steel fixings and full length clamp strip</td>
</tr>
<tr>
<td>Finish</td>
<td>Galvanised wire and polyester powder coated</td>
</tr>
<tr>
<td>Compliance</td>
<td>BS 1722-14:2006. Categories 1 and 2</td>
</tr>
</tbody>
</table>
THE CERANA 868 SPORT fencing system is designed to be used for all types of sporting activities from football to tennis. It is available in heights of 3m, 4m and 4.8m with a clamp bar fixing arrangement that ensures there are no trapping points on the posts. Long life of the system is assured by the galvanised and polyester coating which gives a low maintenance fence that is aesthetically pleasing.

The Cerana 868 Sport containment area fencing system uses the versatile and resilient Cerana 868 Sport panel offering a cost effective multi games boundary fence with rigidity and good through vision.

Cerana 868 Sport systems are tailor made to suit budget, available space and sporting activities. Standard pedestrian and vehicular gates or chicane entrances, goal recesses and basketball fittings are available as required.

The Cerana 868 Sport Rebound panel provides greater rigidity to the bottom 1200mm of the fence with additional 8mm horizontal wires forming a mesh spacing of 66mm x 50mm, giving extra strength for continuous use by adults. (pictured above right)
CERANA 358 & CERANA 358 BEAM

CERANA 358 high security fencing system is not only for use in high risk areas but also in more sensitive locations such as schools protecting pupils, assets and infrastructure. The narrow aperture mesh pattern prevents foot or finger holds but allows excellent vision through the fence even at oblique angles making 358 an excellent fence choice to work alongside CCTV. CERANA 358 BEAM has all the attributes of Cerana 358 but with the added feature of two horizontal pressed beams adding rigidity to the panel. Durability of the 358 systems is assured by the galvanised and polyester coating which gives a low maintenance fence that is aesthetically pleasing.

Applications
Boundary demarcation, anti-intruder and high security
- Secure units
- Airports
- Schools
- Utility
- Ministry of Defence

STANDARD FEATURES

<table>
<thead>
<tr>
<th>Standard heights</th>
<th>2135, 2440 and 3000mm (all other heights are available on request)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Posts</td>
<td>Set at 2440mm nominal centres</td>
</tr>
<tr>
<td></td>
<td>Up to 2135mm high: 60x60 RHS, 2440mm high: 70x70 RHS, 3000mm high: 80x80 RHS</td>
</tr>
<tr>
<td>Wire</td>
<td>4mm diameter with a mesh size of 76.2 x 12.7mm</td>
</tr>
<tr>
<td>Fixings</td>
<td>Galvanised bolt, permacone security nut and full length clamp bar</td>
</tr>
<tr>
<td>Finish</td>
<td>Posts and clamp bar - hot dip galvanised to BS EN ISO 1461 or galvanised and polyester powder coated</td>
</tr>
<tr>
<td></td>
<td>Panels - Galvanised or galvanised and polyester powder coated</td>
</tr>
<tr>
<td>Compliance</td>
<td>BS 1722-14:2006. Categories 2, 3 and 4</td>
</tr>
</tbody>
</table>
STEEL PALISADE fencing offers both visual and physical deterrence to would-be intruders. It is manufactured from hot and cold rolled steel in accordance with Utility and Public Sector specifications. A choice of ‘D’ or ‘W’ sections is available with a variety of pale heads and thicknesses to suit all physical security requirements. Pedestrian and vehicular gates are available to match the chosen pale profile and pale head. The palisade fencing system is hot dip galvanised to BS EN ISO 1461 and galvanised and polyester colour coated if required.

**Applications**
- Utilities
- Industrial units

### STANDARD FEATURES

<table>
<thead>
<tr>
<th>Palisade Height (m)</th>
<th>Gauge (mm)</th>
<th>Profile D or W</th>
<th>Pale Head Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Rounded</td>
</tr>
<tr>
<td>1.2</td>
<td>3.00</td>
<td>D</td>
<td>✓</td>
</tr>
<tr>
<td>1.5</td>
<td>3.00</td>
<td>D</td>
<td>✓</td>
</tr>
<tr>
<td>1.8</td>
<td>3.00</td>
<td>D</td>
<td>✓</td>
</tr>
<tr>
<td>1.8</td>
<td>2.00</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>2.0</td>
<td>3.00</td>
<td>D</td>
<td>✓</td>
</tr>
<tr>
<td>2.0</td>
<td>3.00</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>2.0</td>
<td>2.00</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>2.1</td>
<td>3.00</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>2.1</td>
<td>2.00</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>2.4</td>
<td>3.00</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>2.4</td>
<td>3.00</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>2.4</td>
<td>2.00</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>2.4</td>
<td>2.50</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>3.0</td>
<td>3.00</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Finish: Galvanised wire and polyester powder coated. **Compliance:** BS 1722-12:2006

### GATE SYSTEMS

<table>
<thead>
<tr>
<th>Gate Height and Type (m)</th>
<th>Gate Width (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8 Single</td>
<td>1.0</td>
</tr>
<tr>
<td>1.8 Double</td>
<td>3.0</td>
</tr>
<tr>
<td>1.8 Double</td>
<td>4.0</td>
</tr>
<tr>
<td>1.8 Double</td>
<td>5.0</td>
</tr>
<tr>
<td>1.8 Double</td>
<td>6.0</td>
</tr>
<tr>
<td>2.4 Single</td>
<td>1.0</td>
</tr>
<tr>
<td>2.4 Double</td>
<td>3.0</td>
</tr>
<tr>
<td>2.4 Double</td>
<td>4.0</td>
</tr>
<tr>
<td>2.4 Double</td>
<td>5.0</td>
</tr>
<tr>
<td>2.4 Double</td>
<td>6.0</td>
</tr>
<tr>
<td>2.4 Double</td>
<td>7.0</td>
</tr>
<tr>
<td>2.4 Double</td>
<td>8.0</td>
</tr>
</tbody>
</table>

**KEY** • indicates available palisade head profile
CHAIN LINK fencing is one of the longest established fencing systems available and still remains one of the most versatile. It is suitable for a wide range of applications from demarcation to anti-intruder and sports facilities such as tennis.

Chain link is available in galvanised or galvanised and plastic coated with a wide range of heights from 0.9m to 3.6m and wire diameters from 2.00mm to 3.55mm. Erection is on steel hollow section, angle iron or concrete post systems.

Applications
Boundary demarcation and anti-intruder
- Schools
- Sports fields
- Industrial units
- Military bases

### STANDARD FEATURES

<table>
<thead>
<tr>
<th>Wire Type and Gauge (mm)</th>
<th>Mesh Aperture (mm)</th>
<th>Roll Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>900</td>
</tr>
<tr>
<td>Galvanised</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>50</td>
<td>•</td>
</tr>
<tr>
<td>2.50</td>
<td>50</td>
<td>•</td>
</tr>
<tr>
<td>3.00</td>
<td>50</td>
<td>•</td>
</tr>
<tr>
<td>3.55</td>
<td>50</td>
<td>•</td>
</tr>
<tr>
<td>PVC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial Galvanised</td>
<td>2.50 / 1.70</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>3.15 / 2.24</td>
<td>50</td>
</tr>
<tr>
<td>Heavily Galvanised</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.15 / 2.24</td>
<td>50</td>
<td>•</td>
</tr>
<tr>
<td>3.55 / 2.50</td>
<td>50</td>
<td>•</td>
</tr>
<tr>
<td>4.00 / 3.00</td>
<td>50</td>
<td>•</td>
</tr>
<tr>
<td>4.75 / 3.55</td>
<td>50</td>
<td>•</td>
</tr>
</tbody>
</table>

**Compliance:** BS 1722-1:2006 and BS 1722-10:2006

**KEY** 
- Available in green or black
- 25m or 12.5m rolls
- > 12.5m rolls only
TOPPINGS: Barbed • Rotating

AS PART of a complete fencing package Enviromesh include a range of anti intruder toppings from barbed tape, rotating topping and barbed wire systems that can be part of a new fence installation or retro fitted to existing fencing systems or walls to increase the level of security.

Barbed Tape
Enviromesh Barbed Tape is available in three formats: Concertina, Spiral and Flatwrap constructed from 21mm wide 5mm thick galvanised steel tape with 30mm barbs at 50mm centres with 8mm reinforcing band.

Barbed Wire
Barbed Wire is the most common form of anti-climb fence topping with both mild steel and high tensile available manufactured to BS EN 10223-1 and galvanised to BS EN 10244-2 Class A.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Diameter</th>
<th>Tensile Strength</th>
<th>Roll Length (m)</th>
<th>Avg, Roll Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Line Wire (mm)</td>
<td>Barb (mm)</td>
<td>Line Wire (N/mm²)</td>
<td>Barb (N/mm²)</td>
</tr>
<tr>
<td>Hi-Tensile Plus Titan</td>
<td>2.00</td>
<td>1.89</td>
<td>1100 - 1250</td>
<td>415 - 495</td>
</tr>
<tr>
<td>Hi-Tensile Plus Standard</td>
<td>1.60</td>
<td>1.45</td>
<td>1050 - 1390</td>
<td>415 - 495</td>
</tr>
<tr>
<td>Mild Steel</td>
<td>2.50</td>
<td>2.00</td>
<td>415 - 495</td>
<td>415 - 495</td>
</tr>
</tbody>
</table>

Rotating : Hercules Cacti
Hercules Cacti rotating topping is a robust, powerful device that is a very tenacious deterrent if challenged.

Rotating : Vandgard
Vandgard rotating topping is an advanced anti-scaling barrier for walls, fences and gates.
CERANA VERTICAL BAR & FINIALS

CERANA VERTICAL BAR railings offer a traditional and long lasting solid boundary fence, ranging in height from 1.2m to 2m and available with blunt, spiked or domed tops, decorated with finials of your choice if required. For a more individual appearance, the cranked, convex or turret options are available. Cerana Vertical Bar is supplied as standard with a 100mm maximum gap, rolled steel joist posts, angle cleats, security fixings and round bar verticals. The system is either hot dip galvanised or galvanised and polyester powder coated.

Applications
- Parks
- Domestic and office buildings

Finish: Galvanised or galvanised and polyester powder coated  Compliance: BS 1722-9:2006

Finials
CERANA BOW TOP RAILINGS covers the standard, cost effective single bow, to more complex designs such as the Commondale. Cerana bow top fencing can be supplied in standard panels from stock or manufactured in non-standard lengths, raked or radiused to suit individual requirements. The bow top range is manufactured in heights from 0.6m to 2m and is available hot dip galvanised to BS EN 1461 or galvanised and polyester coated. Gates are manufactured in widths to suit individual requirements.

Westerdale Bow Top
- Heights: 600, 900, 1000, 1200, 1400, 1600, 1800 and 2000mm
- Post Centres: 2.8m max.
- Infill bar size increases with height of fence

Applications
- Parks
- Domestic and office buildings

Commondale Bow Top
- Heights: 1000, 1200, 1400, 1600, 1800 and 2000mm
- Post Centres: 2.9m max.
- Infill bar size increases with height of fence

Matching gates available to suit Westerdale

Matching gates available to suit Commondale

<table>
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<th>STANDARD FEATURES</th>
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<td>Standard heights</td>
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<td>Posts</td>
</tr>
<tr>
<td>Fixings</td>
</tr>
<tr>
<td>Finish</td>
</tr>
<tr>
<td>Compliance</td>
</tr>
</tbody>
</table>
CERANA PLAYSEC & PROSEC

CERANA PLAYSEC bow top and Playsec flat top railings are designed to meet the requirements of BS EN 1176 Playground Equipment Specification such that gaps do not exceed 89mm and are free from any neck entrapments.

Playsec Railings
Cerana Playsec is manufactured in two heights: 1m and 1.2m, with a choice of 12mm or 16mm infill. This is available hot dip galvanised to BS EN ISO 1461 or galvanised and polyester powder coated.

Prosec Gates
Cerana Prosec hydraulic self closing pedestrian gate is manufactured to comply with BS EN 1176 for playground equipment, making it free from finger traps, crush points, and shear action that could cause injury to children.

Available 1m and 1.2m in height with a 1.2m free passage. Finished in hot dip galvanised or galvanised and polyester coated yellow RAL1021 or red RAL3000 as standard.

Applications
- Nurseries
- Schools
- Play areas

STANDARD FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard heights</td>
<td>1000mm and 1200mm</td>
</tr>
<tr>
<td>Posts</td>
<td>Playsec</td>
</tr>
<tr>
<td>Verticals</td>
<td>50x50 RHS set at 2800mm centres</td>
</tr>
<tr>
<td>Rails</td>
<td>Playsec</td>
</tr>
<tr>
<td>Gate length</td>
<td>Prosec</td>
</tr>
<tr>
<td>Fixings</td>
<td>Playsec railings: Domed headed bolts, permacone security fixings and special angle cleats which allow the panels to be stepped 0-16mm and 56-72mm on site</td>
</tr>
<tr>
<td>Finish</td>
<td>Hot dip galvanised to BS EN ISO 1461 or galvanised and polyester powder coated. Standard colours are RAL 1021 yellow or RAL 3000 red</td>
</tr>
<tr>
<td>Compliance</td>
<td>BS EN 1176</td>
</tr>
</tbody>
</table>
CERANA ORNAMENTAL RAILINGS

CERANA ORNAMENTAL railings are fencing systems for the more discerning properties where the fence style must be in keeping with, or enhance an area, without breaking the budget. The solid construction and innovative designs available in various corrosion protective coatings assures the durability of the system. Both pedestrian and vehicular gates are available for each railing design.

Applications

• Parks
• Domestic
• Office

<table>
<thead>
<tr>
<th></th>
<th>AYTON options</th>
<th>DANBY options</th>
<th>EGTON options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard heights</td>
<td>1600, 1800 and 2000mm</td>
<td>1200, 1400, 1600 and 1800mm</td>
<td>1000, 1200, 1400, 1600 and 1800mm</td>
</tr>
<tr>
<td>Length</td>
<td>2.7m nominal</td>
<td>1.8m nominal</td>
<td>2m nominal</td>
</tr>
<tr>
<td>Posts</td>
<td>Posts and infill bar sizes increase with the height of the fence</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finish</td>
<td>Hot dip galvanised to BS EN ISO 1461 or galvanised and polyester powder coated</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CERANA SQUARE & ROUND TUBE

CERANA TUBULAR FENCING includes both square and round tube verticals with square top or angle top options set at a maximum 100mm gap. Heavy duty channel horizontal rails are supported on rolled steel joist posts. If undulating ground is a problem, the special angle cleats allow the panels to be stepped on site and in particularly severe areas, panels can be specially manufactured to suit the contour of the land. Cerana tubular fence systems are hot dip galvanised to BS EN ISO 1461 or galvanised and polyester power coated. Pedestrian and vehicular gates are available to match both the round and square tubular fencing systems.

Applications
- Parks
- Commercial premises
- Schools

<table>
<thead>
<tr>
<th>STANDARD FEATURES</th>
<th>Square tube fencing options</th>
<th>Round tube fencing options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard heights</td>
<td>1800, 2000, 2400 and 3000mm</td>
<td>1800, 2000, and 2400mm</td>
</tr>
<tr>
<td>Posts - verticals</td>
<td>102x44 RSJ set at 2750mm post centres, 25x25 SHS set diamond to view to give a maximum gap of 100mm</td>
<td>102x44 RSJ set at 2750mm post centres, 25mm O.D. CHS set to give a maximum gap of 100mm</td>
</tr>
<tr>
<td>Rails - horizontals</td>
<td>Heavy duty rolled steel channel. Up to 2400mm high - 2 (No.), 3000mm high - 3 (No.)</td>
<td>Mild steel flat</td>
</tr>
<tr>
<td>Fixings</td>
<td>Domed headed bolts, permacone security fixings and special angle cleats which allow the panels to be stepped 0-35mm and 85-123mm on site</td>
<td>Domed headed bolts, permacone security fixings and special angle cleats which allow the panels to be stepped 0-29mm and 79-117mm on site</td>
</tr>
<tr>
<td>Finish</td>
<td>Hot dip galvanised to BS EN ISO 1461 or galvanised and polyester powder coated</td>
<td></td>
</tr>
</tbody>
</table>
THE CERANA RANGE of galvanised light welded aviary mesh provides a great solution to a multitude of everyday applications. Used in aviaries and small animal pens, for inconspicuous garden fencing, or as effective protection for plants and fruit trees.

Features

- Supplied in 6m and 30m quality checked rolls
- Available in 900mm (36") and 1200mm (48") heights

Applications

- Small animals and birds
- Domestic animals
- Garden fencing
- Plant / fruit protection

Finish

- Heavily galvanised to BS EN 10244 Class A for longevity and durability

AVIARY MESH

<table>
<thead>
<tr>
<th>Height (mm)</th>
<th>Wire Size</th>
<th>Roll</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mesh (mm)</td>
<td>Wire Dia. (mm)</td>
</tr>
<tr>
<td>900</td>
<td>6 x 6</td>
<td>0.70</td>
</tr>
<tr>
<td>900</td>
<td>12 x 12</td>
<td>1.00</td>
</tr>
<tr>
<td>900</td>
<td>25 x 25</td>
<td>1.60</td>
</tr>
<tr>
<td>900</td>
<td>50 x 50</td>
<td>1.60</td>
</tr>
<tr>
<td>1200</td>
<td>25 x 25</td>
<td>1.60</td>
</tr>
</tbody>
</table>

CERANA HEXAGONAL NETTING

CERANA HEXAGONAL NETTING delivers an effective and low-cost solution for controlling rabbits and preventing the damage and economic loss they can cause. The current high price of grain means that it is now more economical to fence rabbits out of areas where previously they would have been tolerated. It is also perfectly suitable for use in poultry runs, as a crop guard or for temporary fencing — a truly versatile and indispensable product. We offer a comprehensive range of hexagonal netting in various heights, mesh sizes and gauges, heavily galvanised for long life.

Features

- Available in a range of heights and mesh sizes, including premium and budget, for a choice of cost effective solutions
- Suitable for a variety of applications and environments

Applications

- Rabbit control
- Crop protection
- Chicken/poultry

Finish

Premium: Heavily galvanised to BS EN 10244 Class A
Budget: Commercial galvanised

PREMIUM HEXAGONAL NETTING

<table>
<thead>
<tr>
<th>Height (mm)</th>
<th>Wire Size</th>
<th>Roll</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mesh (mm)</td>
<td>Wire Dia. (mm)</td>
</tr>
<tr>
<td>1050</td>
<td>30</td>
<td>1.00</td>
</tr>
<tr>
<td>1050</td>
<td>30</td>
<td>1.20</td>
</tr>
<tr>
<td>1200</td>
<td>30</td>
<td>1.00</td>
</tr>
<tr>
<td>1200</td>
<td>30</td>
<td>1.20</td>
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</tbody>
</table>

BUDGET HEXAGONAL NETTING

<table>
<thead>
<tr>
<th>Width (mm)</th>
<th>Wire Size</th>
<th>Roll</th>
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</thead>
<tbody>
<tr>
<td>600</td>
<td>30</td>
<td>1.00</td>
</tr>
<tr>
<td>1050</td>
<td>30</td>
<td>1.00</td>
</tr>
<tr>
<td>1800</td>
<td>25</td>
<td>1.00</td>
</tr>
<tr>
<td>1800</td>
<td>50</td>
<td>1.00</td>
</tr>
</tbody>
</table>
INSTALLATION ACCESSORIES

BURDENS have a comprehensive selection of site tools and equipment designed to get the job done on time and on budget. Listed here are what we consider to be the essential items that you may find helpful in making your installation that little bit more straightforward.

Get your copy of the complete Burdens Trade Store Catalogue – visit your local Burdens depot today

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<table>
<thead>
<tr>
<th>HI-VIS CONSTRUCTORS JACKET</th>
<th>SHOVEL HOLDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conforms to health and safety regulation EN471 class 3</td>
<td>Insulated for light duty use</td>
</tr>
<tr>
<td><strong>Code</strong></td>
<td><strong>Code</strong></td>
</tr>
<tr>
<td>WSS00471</td>
<td>WSS02075</td>
</tr>
<tr>
<td>WSS00472</td>
<td>WSS00560</td>
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<tr>
<td>WSS00473</td>
<td>WSS00630</td>
</tr>
<tr>
<td>WSS00474</td>
<td>WSS00481</td>
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<td><strong>Size</strong></td>
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<tr>
<td>L</td>
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</tr>
<tr>
<td>XL</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HI-VIS WAISTCOAT</th>
<th>PDI POST DRIVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conforms to health and safety regulation EN471 class 2</td>
<td>Tubular steel rammer for driving posts deep into heavy ground. For use on round or square posts</td>
</tr>
<tr>
<td><strong>Code</strong></td>
<td><strong>Code</strong></td>
</tr>
<tr>
<td>WSS00479</td>
<td>WSS00127</td>
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<tr>
<td>WSS00480</td>
<td>BTD140RFE</td>
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<tr>
<td>WSS00481</td>
<td>BGA452RFE</td>
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<tr>
<td><strong>Size</strong></td>
<td><strong>Size</strong></td>
</tr>
<tr>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>L</td>
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</tr>
<tr>
<td>XL</td>
<td>XL</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>A59 PEAK HARD HAT</th>
<th>18v 115mm ANGLE GRINDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety helmet with 4 point plastic suspension with forehead comfort band, 4 point chinstrap anchorage and 3-level height adjustment</td>
<td>Wheel size: 115mm diameter</td>
</tr>
<tr>
<td><strong>Code</strong></td>
<td><strong>Code</strong></td>
</tr>
<tr>
<td>WSS00887</td>
<td>WSS06615</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td><strong>Description</strong></td>
</tr>
<tr>
<td>White</td>
<td>110v</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>EAR DEFENDERS</th>
<th>18v 115mm ANGLE GRINDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suited to a wide range of applications SNR 28 dB</td>
<td>No load speed: 10,000rpm</td>
</tr>
<tr>
<td><strong>Code</strong></td>
<td><strong>Description</strong></td>
</tr>
<tr>
<td>WSS00887</td>
<td>BTD140RFE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLACK ULTIMATE BOOT</th>
<th>18v Electric Breaker AVT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double density sole steel toe cap and mid sole. Full grain leather, triple stitched water resistant upper. Safety rating of S3 including anti-static protection</td>
<td>Blows per minute: 1,100bpm</td>
</tr>
<tr>
<td><strong>Code</strong></td>
<td><strong>Code</strong></td>
</tr>
<tr>
<td>WSS06586</td>
<td>WSS06586</td>
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<tr>
<td>WSS06587</td>
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<td><strong>Size</strong></td>
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<td>6</td>
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<td>7</td>
<td>11</td>
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<tr>
<td>8</td>
<td>12</td>
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<tr>
<td>9</td>
<td>13</td>
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</tbody>
</table>

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other publications in the Enviromesh series

Temporary Fencing

Agricultural Fencing

Commercial and Garden Gabions