
UK GOVERNMENT APPROVED PRODUCTS

Our range of high security fencing will allow you to have peace of mind and provide maximum protection against intruders. Each high security fencing system has its own specific attributes allowing you to choose the right height security fencing system for you.

To meet the demands on perimeter security in light of new and escalating threats, we have invested heavily in the development of high security fencing systems designed to be employed in the highest security situations, against a range of threats from determined intrusion to the mitigation of collateral damage. This investment was born from a realisation that you cannot simply go on stretching the performance limits of existing products against increasingly sophisticated, determined and audacious attacks and expect them to cope.

TRIDENT® SECURI-MESH® SYSTEM

Trident® Securi-Mesh® Fencing system provides an ideal solution for a wide variety of high security perimeter and access control applications. Both the mesh and posts are designed to meet Home Office specifications for use in prisons and mental health units.

- Mesh overlapped at posts to maintain integrity of protection
- Clamp bar fixings
- Can be stepped to accommodate sloping ground
- May be set into ground/concrete plinth to provide anti-burrowing properties
- Anti-climb design
- Jaktronic® PIDS compatible
- 25-year service life guarantee

Approvals

- CPNI Approved for UK Government Use
- Secured by Design Police Preferred Specification



OVERALL HEIGHT (mm)	POST CENTRES (mm)	TOPPING (mm)
3000	2440	600 MIN FOR 2.4M HIGH MESH

*This product is CPNI approved at the tested height, other heights/specifications are available for this product on request

PANELS

Trident® Securi-Mesh® panels are constructed from 76.2 x 12.7mm mesh (3" x 1/2") with 4mm wire. Panel widths are 2515mm as standard, with heights up to 5200mm.

GATES

Matching single leaf and double leaf gates available

APPROVALS



Approved for UK Government use, for details contact CPNI



POST OPTIONS

- Overlength set in concrete as standard
- Base plated to bolt down onto concrete

FINISHES

- Panels are Galvan® zinc alloy coated to BS EN 10244-2:2009 class A as standard
- Powder coated to BS EN 13438
- Marine coat for installations within 500m of salt water or an estuary

STANDARD COLOURS

- Black RAL 9005
- Green RAL 6005
- Other colours are available on request

TRIDENT® SECURI-MESH® PLUS SYSTEM

The climb resistant double layer mesh with its small apertures and welds at each intersection eliminate foot and finger holds, prevent objects being passed through and is particularly effective against the use of conventional hand and portable power cutting tools.

- Staggered double skin mesh panels with wire welded at every intersection
- Overlapped by a minimum of 75mm at posts to maintain integrity of protection
- Can be stepped to accommodate sloping ground
- Posts can be customised for Barbed wire / Razor wire / Alarm-aFence®
- Anti-climb design
- 25-year service life guarantee

Approvals

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HEIGHT (mm)	POST CENTRES (mm)	MESH (mm)
2500-5200	2400	DOUBLE SKIN OF MESH TO 2500mm HEIGHT

*This product is CPNI approved at the tested height, other heights/specifications are available for this product on request

PANELS

Trident® Securi-Mesh® panels are constructed from 76.2 x 12.7mm mesh (3" x 1/2") with 4mm wire. Panel widths are 2515mm as standard, with heights up to 5200mm.

GATES

Matching single leaf and double leaf gates available

APPROVALS



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POST OPTIONS

- Overlength set in concrete as standard
- Base plated to bolt down onto concrete

FINISHES

- Panels are Galvan® zinc alloy coated to BS EN 10244-2:2009 class A as standard
- Powder coated to BS EN 13438
- Marine coat for installations within 500m of salt water or an estuary

STANDARD COLOURS

- Black RAL 9005
- Green RAL 6005
- Other colours are available on request

TRIDENT® COMBI 2 SYSTEM

The Trident® Combi 2 system combines our experience and expertise in both timber and steel fencing to deliver higher levels of inherent security than generic mesh systems within an attractive timber facade.

Trident® Combi 2 meets the recent guidance within 'Physical Mitigation' measures issued by the National Counter Terrorism Security Office (NaCTSO) to cover assets from view, making observation into a site more difficult.

Its combination of unlike materials provides the additional advantages of resistance to cutting, a flat facing surface free from hand and foot holds, while the closely faced timber slats ensure privacy without giving the appearance of a solid barrier.

- Welded mesh panel
- 3 rows of barbed wire standard topping
- Security comb on top rail
- Unique vandal proof panel to post fixing
- Can be stepped to accommodate sloping ground
- May be set into ground/concrete plinth to provide anti-burrowing properties
- 25-year service life guarantee

Approvals

- CPNI Approved for UK Government Use
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OVERALL HEIGHT (mm)	POST CENTRES (mm)	TOPPING (mm)
3000	3054	600mm FOR 2.4M HIGH FENCE

*This product is CPNI approved at the tested height, other heights/specifications are available for this product on request

PANELS

Constructed from 5mm horizontal wire and 40mm x 17mm treated timber slats, with a 3 rows of barbed wire topping or coil of razor wire as standard.

GATES

Matching single leaf and double leaf gates available

APPROVALS



Approved for UK Government use, for details contact CPNI



POST OPTIONS

- Over length set in concrete as standard
- Base plated to bolt down onto concrete
- Cranked to suit wall mounting
- Timber clad to front face to match fence

FINISHES

- Timber slats are planed, Jakcure® vacuum pressure treated as standard
- Mesh panels are zinc alloy coated as standard
- Posts are hot dip galvanised to BS EN 1461 as standard

STANDARD COLOURS

- Black RAL 9005
- Green RAL 6005
- Other colours are available on request

TRIDENT® MESH 2 SYSTEM

The Trident® Mesh 2 system has been designed to provide the performance of a conventional Class 2, 75mm x 25mm galvanised, welded mesh fence but with two important additional benefits: significantly reduced installation times, significantly reduced costs.

This rapidly deployed fence system employs our unique installation process for all intermediate posts which mechanically drives the posts in place on a cushion of air in a single operation. Only the end and corner posts are set in concrete foundations.

The mesh is fixed to end/corner posts with stretcher bars with tamper proof fittings and tensioned with line wires to ensure the mesh stays taut across its face.

- Rapid deployment security fence
- Stretcher bar fixings at end and corner posts for strength and tamper resistance
- Complete with 3 row barbed wire topping
- Jaktronic® PIDS compatible
- 25-year service life guarantee

Approvals

- CPNI Approved for UK Government Use
- Secured by Design Police Preferred Specification



OVERALL HEIGHT (mm)	POST CENTRES (mm)	TOPPING (mm)
3000	3000	600

*This product is CPNI approved at the tested height, other heights/specifications are available for this product on request

PANELS

75mm x 25mm galvanised welded mesh fence with 3 rows of barbed wire topping or coil of razor wire.

GATES

Matching single leaf and double leaf gates available

APPROVALS



Approved for UK Government use, for details contact CPNI



FINISHES

- Over length set in concrete as standard
- Cranked to suit wall mounting

POST OPTIONS

- Overlength set in concrete as standard
- Base plated to bolt down onto concrete
- Cranked to suit wall mounting

TRIDENT® JAKOUSTIC® 2 SYSTEM

Trident® Jakoustic® 2 system is a combination of a single facing of interlocking 'V' timber boards, backed with a layer of steel mesh to 1.70m above ground. The interlocking 'V' coupled to a tongue and groove locates the boards in such a way that eliminates gaps even when boards shrink and expand with changes in the weather. The totally flat attack face, steel mesh lining and combination of dissimilar construction materials makes the fence difficult to scale or penetrate.

- Zero visibility or footholds
- Up to 28dB* noise reduction
- Combination of timber boards and steel mesh
- Post extensions as standard to carry 3 rows of barbed wire topping or may be specified to carry razor wire
- Razor wire security toppings
- Follows ground profiles
- 25-year Jakcure® guarantee

Approvals

- CPNI Approved for UK Government Use
- Secured by Design Police Preferred Specification

*Jakoustic® barrier certified laboratory results:

Rating according to BS EN 1793 - 2:1998, Category = B3, Laboratory sound reduction 28 dB, Superficial mass 25kg/m² (single layer)



OVERALL HEIGHT INC. TOPPING (mm)	FENCE HEIGHT (mm)	POST CENTRES (mm)	TOPPING (mm)
3000	2400	2410	600 - 3 ROWS BARBED WIRE

*This product is CPNI approved at the tested height, other heights/specifications are available for this product on request

PANELS

Single facing of interlocking 'V' Jakoustic® timber boards, backed with a layer of steel mesh to 1.70m above ground.

GATES

Matching single leaf and double leaf gates available

APPROVALS



Approved for UK Government use, for details contact CPNI



POST OPTIONS

- Steel posts
- Post dimensions to suit fence height, site and ground conditions
- Over length set in concrete as standard

FINISH

- Planed interlocking timber boards are Jakcure® vacuum pressure treated as standard
- Posts are hot dip galvanised to BS EN 1461 as standard
- Posts can be hot dip galvanised and powder coated to BS EN 13438 in Black RAL 9005 or Green RAL 6005
- Marine coat for installations within 500m of salt water or estuary

TRIDENT® JAKOUSTIC® 3 SYSTEM

Trident® Jakoustic® 3 system is of sandwich construction comprising two layers of interlocking 'V' timber boards, interlined with a layer of high security steel mesh 2.28m above ground. The interlocking 'V' coupled to a tongue and groove locates the boards in such a way that eliminates gaps even when boards shrink and expand with changes in the weather. The totally flat attack face, high security steel mesh interlining and combination of unlike construction materials makes the fence extremely difficult to scale or penetrate.

- Zero visibility or footholds
- Double layer of timber boards reinforced by a layer of high security mesh
- Post extensions as standard to carry 3 rows of barbed wire topping or may be specified to carry razor wire
- Reflective acoustic barrier with 28dB* reduction in noise
- High security with an attractive "natural" presentation
- 25-year Jakcure® guarantee

Approvals

- CPNI Approved for UK Government Use
- Secured by Design Police Preferred Specification

*Jakoustic® barrier certified laboratory results:

Rating according to BS EN 1793 - 2:1998, Category = B3, Laboratory sound reduction 28 dB, Superficial mass 25kg/m² (single layer)



OVERALL HEIGHT INC. TOPPING (mm)	POST CENTRES (mm)	TOPPING (mm)
3900	2410	900 - 3 ROWS BARBED WIRE

*This product is CPNI approved at the tested height, other heights/specifications are available for this product on request

PANELS

The acoustic barrier comprises of 4.8m acoustic boards, laid brick fashion with joins staggered in each row fixed to galvanised steel 'I-Beam' post; creating a chain-effect along the attack face with great structural integrity.

GATES

Matching single leaf and double leaf gates available

APPROVALS



Approved for UK Government use, for details contact CPNI



POST OPTIONS

- Steel posts
- Post dimensions to suit fence height, site and ground conditions
- Over length set in concrete as standard

FINISHES

- Planed interlocking timber boards are Jakcure® vacuum pressure treated as standard
- Posts are hot dip galvanised to BS EN 1461 as standard
- Posts can be hot dip galvanised and powder coated to BS EN 13438 in Black RAL 9005 or Green RAL 6005
- Marine coat for installations within 500m of salt water or estuary

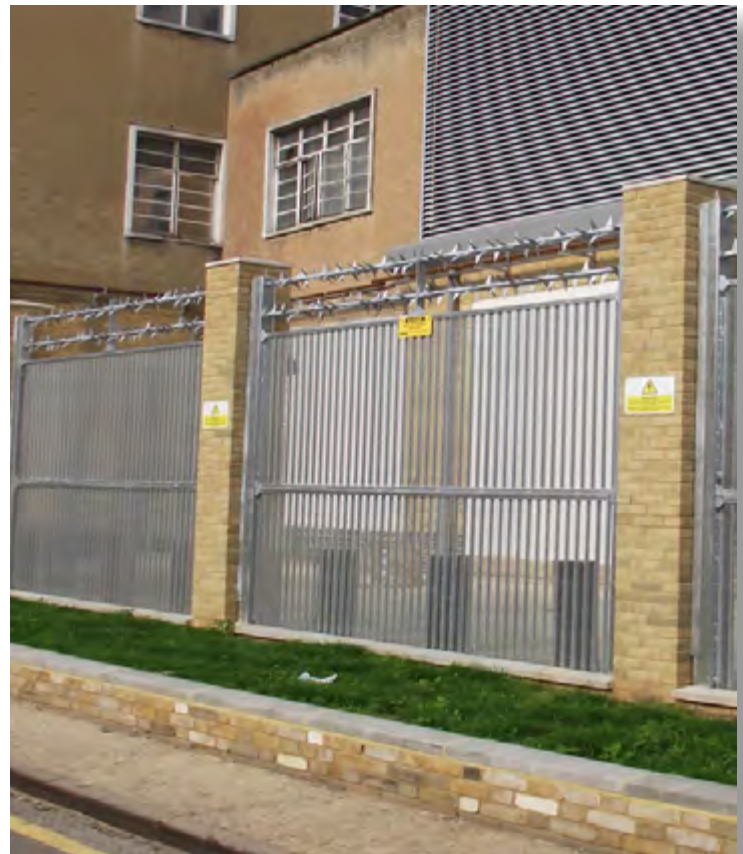
TRIDENT® XTREME 3 SYSTEM

Trident® Xtreme 3 combines a welded pale-through-rail construction with horizontal rails sleeved on upright posts with concealed fixings, it incorporates cut delay technology within its structure and 358 Securi-Mesh® on the attack face. Trident® Xtreme 3 system provides enhanced levels of protection against attempts to penetrate through the fence.

- Fully welded tubular semi pale-through-rail construction
- Closely spaced pales of substantial wall thickness
- 358 Securi-Mesh® to the attack face
- Incorporating cut-delay technology
- Anti-climb design
- Jaktronic® PIDS compatible
- Resistant to aggressive and sustained attack
- Panels may be manufactured at reduced widths to suit individual sites
- 25-year service life guarantee

Approvals

- CPNI Approved for UK Government Use
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OVERALL HEIGHT (mm)	POST CENTRES (mm)	TOPPING (mm)
3900	2450	900

*This product is CPNI approved at the tested height, other heights/specifications are available for this product on request

PANELS

Vertical round hollow section pales welded into top and bottom rail with "358" Securi-Mesh® installed on one side.

GATES

Matching single leaf and double leaf gates available

APPROVALS



Approved for UK Government use, for details contact CPNI



POST OPTIONS

- Overlength set in concrete as standard
- Base plated to bolt down onto concrete
- Cranked to suit wall mounting

FINISHES

- Hot dip galvanised to BS EN ISO 1461 as standard
- Hot dip galvanised and powder coated to BS EN 13438
- Marine coat for installations within 500m of salt water or an estuary

STANDARD COLOURS

- Black RAL 9005
- Green RAL 6005
- Other colours are available on request

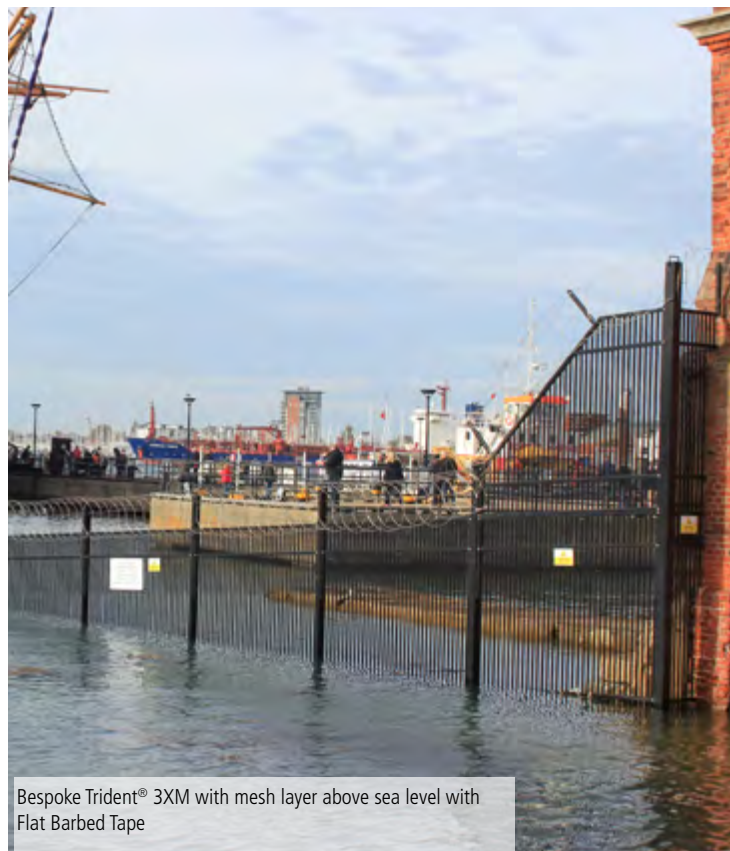
TRIDENT® XTREME 3XM

Trident® Xtreme 3XM is a high security vertical bar system featuring a welded semi pale-through-rail construction with horizontal rails sleeved on to the upright posts with concealed fixings, the Trident® Xtreme 3XM system provides an immensely strong and rigid structure. With its closely spaced pales of substantial wall thickness and novel cut-delay technology to frustrate attempts to penetrate through the fence.

- Fully welded tubular semi pale-through-rail construction
- Provides good visibility
- Incorporating cut-delay technology
- Anti-climb design
- Panels may be manufactured at reduced widths to suit individual sites
- May be stepped to maintain height over uneven ground and slopes
- Jaktronic® PIDS compatible
- 25-year service life guarantee

Approvals

- CPNI Approved for UK Government Use
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Bespoke Trident® 3XM with mesh layer above sea level with Flat Barbed Tape

OVERALL HEIGHT INC. TOPPING (mm)	POST CENTRES (mm)	TOPPING (mm)
3900	2450	900

*This product is CPNI approved at the tested height, other heights/specifications are available for this product on request

PANELS

Closely spaced square hollow section rails with concealed fixings and concertina razor wire topping.

GATES

Matching single leaf and double leaf gates available

APPROVALS



Approved for UK Government use, for details contact CPNI



POST OPTIONS

- Overlength set in concrete as standard
- Base plated to bolt down onto concrete
- Cranked to suit wall mounting

FINISHES

- Hot dip galvanised to BS EN ISO 1461 as standard
- Hot dip galvanised and powder coated to BS EN 13438
- Marine coat for installations within 500m of salt water or an estuary

STANDARD COLOURS

- Black RAL 9005
- Green RAL 6005
- Other colours are available on request

TRIDENT® XTREME 4

Trident® Xtreme 4 features a welded pale-through-rail design with horizontal rails sleeved into upright posts with concealed fixings and 358 Securi-Mesh® on the attack face.

The structure is immensely strong and rigid with closely spaced pales of substantial wall thickness and novel cut-delay and self-healing technology to frustrate attempts to penetrate through the fence employing hand and portable power tools and non-contact cutting tools.

- Fully welded tubular semi pale-through-rail construction
- Closely spaced pales of substantial wall thickness
- 358 Securi-Mesh® to the attack face
- Incorporating self-healing and cut-delay technology
- Anti-climb design
- Jaktronic® PIDS compatible
- Resistant to aggressive and sustained attack employing hand and portable power tools and non-contact cutting tools
- Panels may be manufactured at reduced widths to suit individual sites
- 25-year service life guarantee

Approvals

- CPNI Approved for UK Government Use
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OVERALL HEIGHT (mm)	PANEL WIDTH (mm)	TOPPINGS (mm)
3900	2450	900

*This product is CPNI approved at the tested height, other heights/specifications are available for this product on request

PANELS

Fence panels comprises of reinforced 32mm tubular vertical bars welded within 60mm by 40mm horizontal rails. The panels in corporate "358" mesh panels welded on attack face, with a 900mm coil of razor wire topping.

GATES

Matching single leaf and double leaf gates available

APPROVALS



Approved for UK Government use, for details contact CPNI



POST OPTIONS

- Overlength set in concrete as standard
- Base plated to bolt down onto concrete
- Cranked to suit wall mounting

FINISHES

- Hot dip galvanised to BS EN ISO 1461 as standard
- Hot dip galvanised and powder coated to BS EN 13438
- Marine coat for installations within 500m of salt water or an estuary

STANDARD COLOURS

- Black RAL 9005
- Green RAL 6005
- Other colours are available on request