



Sentinel Multi-Games

Sentinel Multi-Sport

For multi-use games areas

Suitable for all multi-use ball courts



Key benefits

Safe

No large gaps or protrusions to minimise the risk of injury. Excellent through visibility for supervision and policing of the facility.

Strong

The panels are fully welded at each wire intersection. This gives the fence a high degree of rigidity and excellent resistance to deformation from impact and vandalism.

Accessibility

Betafence provide flush fitting single leaf gates for wheelchair access and double leaf gates for maintenance/emergency vehicular access.

Good rebound performance

The high-density twin wire mesh allows for excellent rebound performance similar to that of a solid surface.

New varimesh panels

Sentinel Multi-Sport mesh panels have up to three intensities of mesh - the density being highest up to 1.2m high (to provide good rebound performance) and reduces at higher levels where ball retention is required.

Little or no maintenance

The galvanising and polyester coating provide a high quality, long lasting finish for 'best value'.

Tamper resistant fixings

All fixings use anti-vandal, tamper proof, stainless steel screws.

Betafence produce three Sentinel ball court systems:

- **Multi-Games** for general use in schools and where there is non-intensive use
- **Multi-Sport** is stronger for heavy daily use or where sport is played at a more professional level
- **Multi-Sport Plus** is an up-graded version of Sentinel Multi-Sport, with 2no. additional cross rails per bay to maximise resistance to heavy impact and vandalism.

The Betafence Sentinel ball court systems are strong, high performance and attractive fences capable of providing a high level of boundary and perimeter security. They have been designed to provide an excellent level of ball rebound and to be safe in use.

The Betafence Sentinel ball court systems are a mixture of purpose designed welded mesh panels supported by steel posts.

The whole of each system is finished off so that the playing side of the fence remains flush. Safe play is ensured as the ends of the mesh panels are covered with a continuous cover plate to eliminate the risk of catching on the wires.

For maximum security, 8mm anti-vandal, tamper proof, stainless steel screws are used to fix the cover plates to the post.

Betafence's Sentinel ball court systems may be used in the following sporting applications:

Sentinel Multi-Games

This provides a robust and safe surround for five-a-side football and kick about areas, multi-games courts and all-weather pitches for hockey, tennis, netball and basketball.

Sentinel Multi-Sport

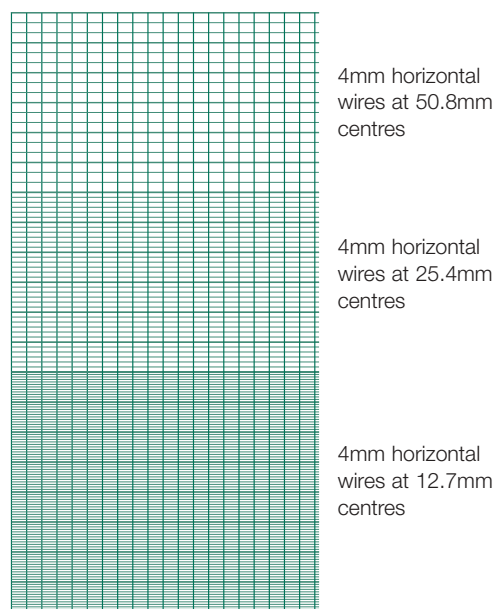
The stronger mesh can withstand heavier use than Sentinel Multi-Games.

Sentinel Multi-Sport Plus

For use where heavy impact against the fence is frequent.

The new Securifor Varimesh panel

Betafence have produced ball court fencing for many years. The new Varimesh fence used in the Sentinel Multi-Sport and Multi-Sport Plus systems represents a new development specifically designed for use in ball courts. It presents an exceptionally strong lower rebound section of closely spaced mesh that can take the wear and tear of heavy daily use along with an upper ball-stop section to help keep balls in the playing area.



6mm vertical wires at 76.2mm centres
Double horizontal wires at 152.4mm centres

Sentinel Multi-Games

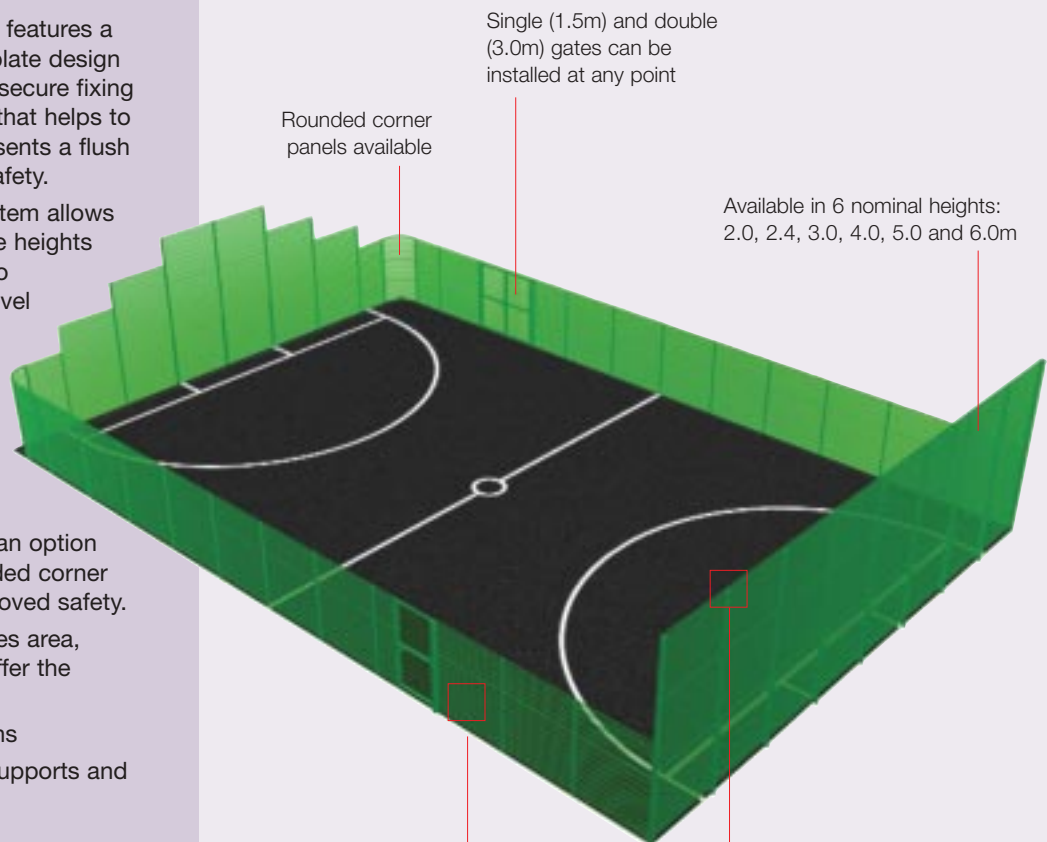
Sentinel Multi-Games features a new post and cover plate design that not only offers a secure fixing for the fence panels, that helps to reduce rattle, but presents a flush finish for maximum safety.

The design of the system allows combinations of fence heights to be used together to provide the desired level of enclosure - for example, the court shown here has a 3m fence along the sides, stepping up to 6m behind the goals.

The system includes an option to use specially rounded corner panels - offering improved safety.

To complete the games area, Betafence can also offer the following:

- recessed goalmouths
- basketball hoops, supports and backboards



Nylofor 2D Super panels



Panels are secured by low profile cover plates, which are specially designed to enclose the ends of the wire panels and fully cover the joint.

Multi-Games component specification

Complete Enclosures

Available in nominal heights: 2.0, 2.4, 3.0, 4.0, 5.0 and 6.0m

Court surrounds can be constructed using a combination of heights.

Fences in excess of 2.4m high are achieved using combinations of panel sizes in a multi-lift configuration.

Welded Mesh Panels

Heavy welded mesh manufactured using galvanised wire electro resistance welded at every intersection. The panels feature double horizontal wires, located on either side of the vertical wires, to enhance rigidity.

Coatings pass a 1000 hour salt-spray test.

- Galvanising: Min. 40 gm/m²
- Polyester coated: 100 microns min. thickness
Colour RAL 6005 Green – other colours on request

Panel sizes	
Mesh aperture	200mm x 50mm (centre to centre)
Wire diameter	6mm vertical wires at 50mm centres 8mm double horizontal wires at 200mm centres, located on either side of the vertical wires
Width of panels	2500mm
Height of panels	1030mm, 1230mm, 1830mm, 2030mm, 2430mm

Posts

Rolled and welded rectangular hollow section tube, complete with M8 threaded inserts fitted on the front face, and black plastic top caps. The posts to be located at 2530mm centres, ±17mm.

Coatings pass a 1000 hour salt-spray test.

- Galvanising: Min. 135 gm/m²
- Polyester coated: 60 microns min. thickness
Colour RAL 6005 Green – other colours on request

Post sizes		
Fence height	Post size	Post length
2.0m	60 x 60 x 2.0mm	2.7m
2.4m	60 x 60 x 2.0mm	3.1m
3.0m	60 x 60 x 2.5mm	3.6m
4.0m	80 x 60 x 2.5mm	4.7m
5.0m	100 x 60 x 3mm	5.9m
6.0m	160 x 60 x 3mm*	6.9m

*Composite post

Fixing System

2.5mm custom rolled “U” profile steel cover plates, galvanised and polyester colour coated RAL 6005 green. Supplied in lengths to match the appropriate height of panel, and complete with M8 x 50 “stayblack” coated stainless steel tri-lobe bolts and flat washers. Corner and Gate posts are ‘flanged’ to receive the panels, which are secured in position with the ‘U’ profile clamp bars.

Coatings as for posts.

Gates specification

Gates may be used with all three Sentinel ball court systems.

Available in single or double leaf, with outer frames constructed from 60 x 60 x 2mm square hollow section, and with one horizontal brace to match.

All gates are fitted with 24mm dia. fully adjustable rear-hung hinges for opening away from the court. Locking is by means of a 50 x 10mm slip-latch holed for padlocking, in combination with 25mm ground-bolts for securing by padlock in the open or closed positions. Infill panels, to match the fence, are welded in position and gate posts are fitted with flanges to receive the adjoining fence panels.

Single leaf gates are supplied 1.5m wide for wheel-chair access, and double leaf gates are supplied 2.96m or 4.06m wide for maintenance and emergency vehicular access. All gates are the same height as the fence, up to 3m in height. Gates for fences in excess of 3.0m high will be supplied 3m high with Lintel bars and panels to suit.

For Sentinel Multi-Games, 1.2m wide single leaf gates are available for 2.0m and 2.4 m high fences.

Coatings as for posts.

Radiused Corner Units specification

Radiused Corner Units may be used with all three Sentinel ball court systems.

Constructed using 40 x 40 x 3mm square hollow section, with 8mm dia. M.S. round infill bars pitched at 60mm centres, and reinforced with 20 x 3mm M.S. welded horizontal flat bars pitched at varying centres to compliment the varimesh panels.

Size – 1.0m radius x 3.0m high

Coatings as for posts.



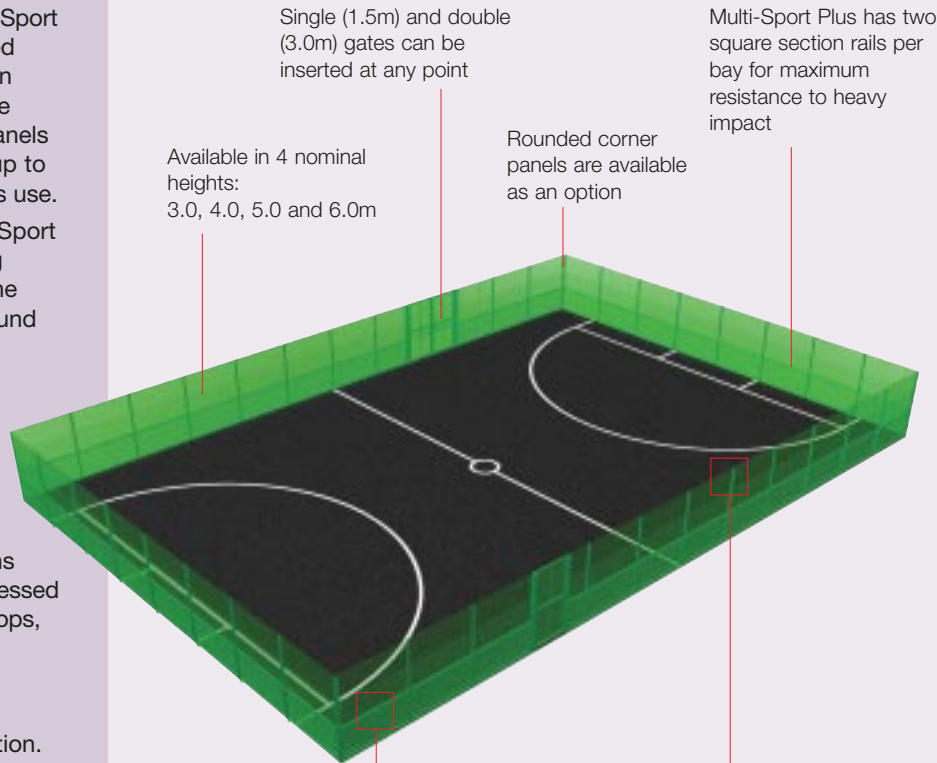
Sentinel Multi-Sport & Multi-Sport Plus

Sentinel Multi-Sport and Multi-Sport Plus have a more sophisticated cover plate and mesh retention system that is designed for the heaviest use. The Varimesh panels are also capable of standing up to the most intensive multi-games use.

For extra intensive use, Multi-Sport Plus offers the option of fitting cross rails on the outside of the mesh at 1.2m high and at ground level. The cross rails provide the maximum resistance to heavy impact for uses such as urban kick-about areas, adult five-a-side pitches and hockey pitches.

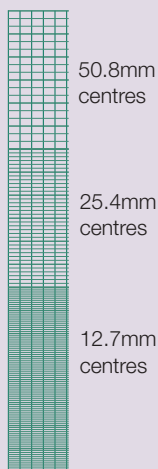
Sentinel Multi-Sport & Multi-Sport Plus also include options for rounded corner panels, recessed goalmouths and basketball hoops, supports and backboards.

Fences in excess of 3m use a combination of welded mesh panels in a multi-lift configuration.



Panel options

Varimesh



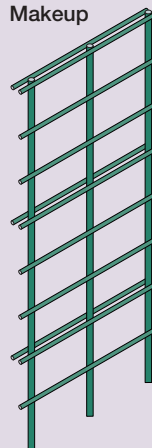
For general use around the ball court

Rebound

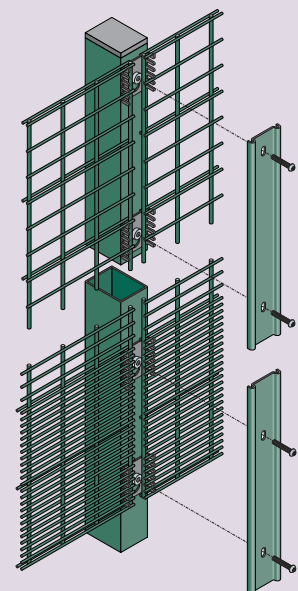


For use behind the goal posts

Makeup



The Mesh panels feature double horizontal wires at 152.4mm centres for resistance to heavy impact



Panels held in retention combs and secured by profiled cover plate to posts

Specification – Sentinel Multi-Sport & Multi-Sport Plus

Multi-Sport & Multi-Sport Plus component specification

Complete Enclosures

Available in nominal heights: 3.0, 4.0, 5.0 and 6.0m

Court surrounds can be constructed using a combination of heights.

Fences in excess of 3.0m high are achieved using makeup panels in a multi-lift configuration, with the varimesh panel as the base panel.

Welded Mesh Panels

Panels are available in 3 options: Varimesh, Rebound and Makeup.

1. Varimesh panels

Heavy welded double-bars, manufactured using galvanised wire electro resistance welded at every intersection. The panels feature horizontal wires spaced at 12.7mm centres for 1.2m high at the foot of the panel, decreasing to 25.4mm and 50.8mm towards the top of the panel.

2. Rebound panels

Heavy welded double-bars, manufactured using galvanised wire electro resistance welded at every intersection. The panels feature horizontal wires spaced at 12.7mm centres for the full 3m panel height.

3. Makeup panels

These are for use above the varimesh panels where the ball court enclosure is over 3m high.

Coatings as for Sentinel Multi-Games.

Varimesh panel sizes			
Mesh aperture	76.2mm x 12.7/25.4/50.8mm (centre to centre varies)		
Wire diameter	6mm vertical wires at 76.2mm centres 4mm horizontal wires on contact face at 12.7mm centres, reducing to 25.4mm and 50.8mm centres, with intermittent 4mm double-wires at 152.4mm centres on the rear face of the panel		
Panel width	2515mm	Panel height	3048mm
Rebound panel sizes			
Mesh aperture	76.2mm x 12.7mm		
Wire diameter	6mm vertical wires at 76.2mm centres 4mm horizontal wires on contact face at 12.7mm centres, with intermittent 4mm double wires at 154.2mm centres		
Panel width	2515mm	Panel height	3048mm
Makeup panel sizes			
Mesh aperture	76.2mm x 12.7, or 25.4, or 50.8mm (centre to centre)		
Wire diameter	6mm vertical wires at 76.2mm centres 4mm horizontal wires on contact face at 50.8mm centres, and intermittent 4mm double-wires at 152.4mm centres on the rear face of the panel		
Panel width	2515mm	Panel heights	914mm, 1829mm, 2743mm

Posts

Rolled and welded rectangular hollow section tube, complete with keyhole slots in the front face to receive M8 x 20 stainless collar nuts, and black plastic top caps. Galvanised and polyester colour coated RAL 6005 green. The posts to be located at 2550mm centres, ±12mm.

Coatings as for Sentinel Multi-Games.

Post sizes		
Fence height	Post size	Post length
3.0m	80 x 60 x 2.5mm	3.8m
4.0m	100 x 60 x 3mm	4.9m
5.0m	160 x 60 x 3mm*	5.9m
6.0m	160 x 60 x 3mm*	6.9m

* Composite post

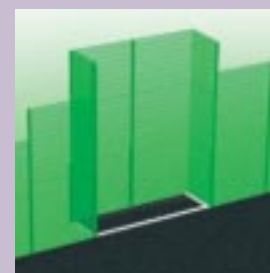
Fixing System

3.0mm pressed M.S. panel mounting brackets with inverted keyhole slots to receive M8 x 20 stainless steel collar nuts, and finished with black electropaint undercoat and RAL 9005 black polyester topcoat.

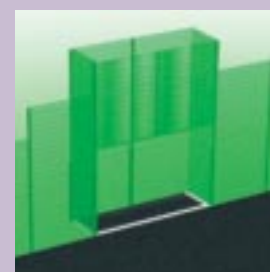
The panels are secured to the mounting brackets with 3.0mm custom rolled profiled steel cover plates, galvanised and polyester colour coated RAL 6005 green. Supplied in lengths to match the appropriate height of panel, and complete with M8 x 40 “stayblack” coated stainless steel tri-lobe bolts and flat washers.

Goal Recesses

The following two goal recess options may be used with all Sentinel ball court systems.



Recessed goal area



Recessed goal area with lintel panel over (for fitting basketball backboard and hoop)

The Betafence advantage



A comprehensive service

Betafence offer an integrated supply chain partnership that covers:

- stockists
- approved contractors
- high quality coatings
- high tech entry control.

Betafence's commitment to service is second to none. Our aim is to provide high quality fencing that is widely available nationally, installed by licensed contractors and has a finish that will provide best value over the long term.

Licensed contractors

Betafence has set up a network of licensed contractors, called Pro-net. This provides peace of mind for clients who know that the installer has been fully trained and approved in the installation of their chosen fencing system.

Betafence has a continuous programme of auditing and feedback from clients to ensure standards are maintained.

Guarantee

All Betafence fencing, installed by one of our Pro-net contractors comes with the BEKassure 10 year guarantee at no extra cost. This covers both the materials used and the installation. The BEKassure 10 year guarantee demonstrates our confidence in the quality of our products and a professional audited installation, a confidence you can share in with Betafence.



Quality finishes

Betafence have developed coatings to provide the highest quality finishes for all our products.

All our metal components are galvanised to provide a high level of rust protection. The majority of our products are supplied with a polyester coating.

We believe this attention to detail ensures a long life product that offers the lowest "Life Time Cost".

The Betafence Holding is European leader in physical perimeter fencing systems and access control

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