Product overview

Betafence the group

World leader
With the industry's largest fencing and Weldmesh™ product portfolio, Betafence is the World's number one fencing manufacturer.

125 years of excellence
Betafence looks back at a history of 125 years producing the highest quality in fencing. As the leader in product, service and application innovation, Betafence sets standards of excellence for the entire fencing industry.

500 million
Sales of 500 million (2008) puts Betafence on top of the World fencing market.

2000 employees
Betafence currently employs 2000 people. The headquarters are located in Belgium.

13 plants
Betafence has 13 production sites in 11 countries: Belgium (Zwevegem), France (Bourbourg), the United Kingdom (Sheffield and Wigan), Germany (Schwalmtal and Werl), Italy (Tortoreto), Spain (Burgos), Poland (Kotlarnia), South Africa (Cape Town), China (Tianijn), Turkey (Istanbul) and USA (Ennis, Texas).

25 sales offices
Betafence has sales offices throughout Europe and in the export market. For all our sales representatives, customer satisfaction is the number one priority.

100 countries
A company with global reach, Betafence offers sales and customer service in 100 countries throughout all continents.

△ plants
● sales offices

| North & Latin America | Africa | The Middle East | Asia |

The Betafence tagline says it all:

Securing What Matters

In these often troubled times, the need to feel safe has become imminent and people wish to protect what they cherish.
While respecting the desire for freedom, Betafence offers the protection of everything that people value.

Lots of fencing companies talk about product quality.

Only one can guarantee it.

Perimeter fencing that is installed incorrectly, poorly maintained, or in any way inappropriate, will create a negative impression. The security and safety risks will be self-evident, but visibly poor provision at the all-important boundary conveys a wider message of apathy and inefficiency.

BEKassure™
10year
GUARANTEE

Secured by Design

SBD

Official Police Security Initiative

RIBA · CPD PROVIDERS NETWORK

nbsPlus

Betafence guarantee terms and conditions

BEKassure™
10year
GUARANTEE

Europe's No 1 manufacturer

We are a company founded on the belief that installed perimeter fencing should address a variety of issues:
• Demonstrate effective security and a visible statement of purpose
• Privacy
• Boundary definition
• Security
• Project a positive corporate image
• Reflect social responsibility through sensitive design and attractive appearance.
This broad commitment to quality is embodied in the BEKassure™ 10-year guarantee covering the supply and installation of Betafence fencing systems.

A guarantee worth having

BEKassure™ 10-year guarantee covers the supply and installation of Betafence fencing systems. It reflects the confidence Betafence has in its products and offers total peace of mind to Betafence customers. A guarantee is as good as the organisation that provides it. Customers receiving the BEKassure™ guarantee can have confidence that it is provided by Europe's No1 manufacturer of high quality fencing and part of the worldwide Global Group.

At no cost

A BEKassure™ guarantee costs our customers nothing. The BEKassure™ 10-year guarantee is the industry's only independently audited guarantee. It protects you against sub-standard installation and product performance.

Betafence PRO-net™ Licenced Contractors

To ensure the highest standards of installation, Betafence has created the PRO-net™ Licenced contractor network. PRO-net™ contractors have earned their status through exacting assessments of technical competence and quality of service.

Independent auditing

The installation of all fencing systems carrying a BEKassure™ guarantee is monitored by an independent auditing body. Non-confrontational auditing ensures that correct installation procedures are followed, and that the fencing installed complies with its original intended specification. Should problems be identified, the monitoring process allows for the issues to be resolved amicably on site. Only after this installation is independently audited will a BEKassure™ guarantee be issued.

BETAFENCE

Panels

The Decofor system is a complete decorative fencing system developed for design oriented and rigid fencing solutions.

Decofor®

Benefits

Decorative

Decofor is a professional fence with a contemporary design. The panels are robust and yet extremely elegant and decorative. The panels, posts and gates are perfectly integrated.

High longevity

The coating technology of Betafence is state of the art and guarantees a high longevity. After galvanising an adhesion coating is applied for a perfect bond with the final polyester coating.

Easy installation

The system is very easy to install. All elements are precisely integrated. The Decofor system allows installation between and on walls.

Complete system

The Decofor system consists of panels of different heights, adapted posts, single and double gates and installation accessories. All of one uniform design.

Applications

The Decofor system is recommended for professional fencing of sites where both rigidity and an attractive design are required: residential buildings, parks, schools, public buildings, swimming pools, pedestrian fence etc.
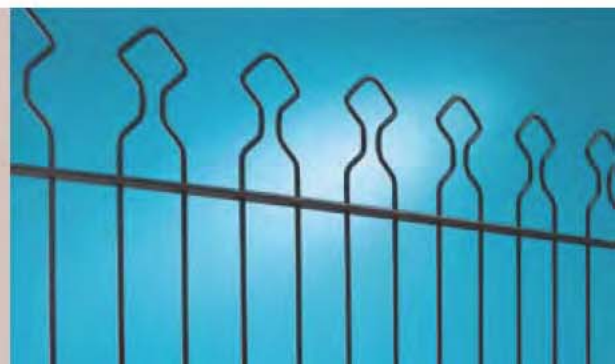
Panels

The panels are out of heavy welded fence, 2015mm wide and available in 4 heights. The mesh size is 200 x 65 mm. The wires are very strong: horizontal double wires 8mm and vertical 6mm.
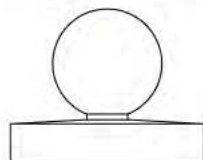
Posts & fixings system

The posts are welded square tubular posts with profile of 60 x 60 x 1,50mm.

For a decorative design the posts are supplied with a metal cap with ball.

Fixation of the panels to the posts by means of metal fixing collars (galvanised and plastic coated) and with security bolts M8 out of stainless steel with self breaking nut.

Security

Decofor satisfies the requirements for Category: 1 (General Purpose) fences.

Gates

The Decofor system is totally finished and safely equipped with single and double Decofor gates.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.

All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Decofor is standard available in black RAL 9005, white RAL 9010 and green RAL 6005. Other colours on request.

ASSORTMENT DECOFOR PANELS AND POSTS WITH CAP WITH BALL				
Arco width x height (middle of the panel) mm	Recto Width x Height mm	Height of the posts mm		Number of collars per post
		For anchoring	Post with aluminium floorplate	
2015 x 886	2015 x 762	1500	965	2
2015 x 1086	2015 x 962	1500	1165	3
2015 x 1286	2015 x 1162	1750	1365	3
2015 x 1486	2015 x 1362	2000	1565	3

Comprehensive installation documents are available by request to our sales office.

Panels

A welded mesh panel fence that has a rolled top and bottom edge for enhanced safety and rigidity.

Roll Top®

Benefits

High rigidity

The rolled beam profile at the top and bottom edge of each panel results in maximum rigidity.

Suitable where safety is a consideration

The principle feature of the panel is the unique rolled beam section at the top and bottom edge. The open mesh profile is also decorative and allows excellent through visibility. These safety features make Roll Top ideal for playgrounds, play areas and parks.

Wide range of options and applications

Available as a complete system in a wide range of colour options for boundary demarcation to general security.

Maximum height

To achieve fence heights above 1.8m the panels are designed for multi-lift erection i.e. one or more panels are placed above the bottom panel.

Applications

Schools, Sports,
Parks & Play grounds,
Company premises,
Utilities: gas, water,
electric & telecommunications.

Panels

The panels are 3000mm wide and heights range from 900 to 1800mm. To achieve fence heights in excess of 1.8m the panels are designed for multi-lift erection. i.e. one or more panels placed above the bottom panel.

The panels have a unique and "user friendly" closed beam section located along the top and bottom edge of the panel. With no sharp or raw edges, Roll Top panels are suitable where safety is a consideration.

Mesh sizes are 150 x 50mm, and panels are manufactured from heavy 5mm wires, to achieve high levels of rigidity.

Posts and fixings

Twilfix 2000 post system

Twilfix 2000 post is manufactured from 60x60 square hollow sections and fitted with M8 threaded inserts for securing panels. Posts come inclusive of top caps (flat or pyramid shaped top caps).

Panels are fixed using Universal fixing brackets and M8 x 35 Countersunk Trilobe tamper proof bolts.

Security

Roll Top satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Gates

Swing gates available in single and double leaf configuration with a Nylofor or Robusta infill to match your fence.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.

All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

ASSORTMENT ROLL TOP							
Panels			Posts				
Fence height mm	Height x Width mm	Number of beams per panel	Section mm	Overall length mm	Number of fixings		
					Intermediate	Corner	End
900	900 x 3000	2	60 x 60 x 2	1500	3	6	3
1200	1200 x 3000	2	60 x 60 x 2	1800	4	8	4
1500	1500 x 3000	2	60 x 60 x 2	2100	5	10	5
1800	1800 x 3000	2	60 x 60 x 2	2500	6	12	6
2400	2 x 1200 x 3000	2 x 2	60 x 60 x 2	3100	8	16	8

Comprehensive installation documents are available by request to our sales office.

Panels

Designed to suit applications where the emphasis is on protection, safety and demarcation make them the systems of choice for industry, public buildings, private properties, schools, parks and playgrounds.

Sentinel Railings®

Benefits

Built in rigidity

Very high rigidity achieved by using unique custom rolled hollow section to top and bottom rails with welded vertical infill tubes.

Aesthetics

The panels provide a robust yet extremely decorative and elegant finish. The panel's posts and gates are all designed with the same eye for detail. Sentinel railings are professional range of fences with a contemporary design.

Safety

Convex Play is a CHILD SAFE Bow Top system designed for use in schools, play and residential areas.

Easy installation

This system is designed to be easily installed and all components are designed to be fully integrated and concealed.

Available as a complete system

The system consists of panels in various heights, square posts with a specific fixing system and a wide assortment of innovative swing and sliding gates.

Applications

A versatile railing system ideal for applications where the emphasis is not on exclusion but on protection, safety and demarcation. Such as industrial buildings, public buildings, children's playgrounds, schools, parks and commercial premises.
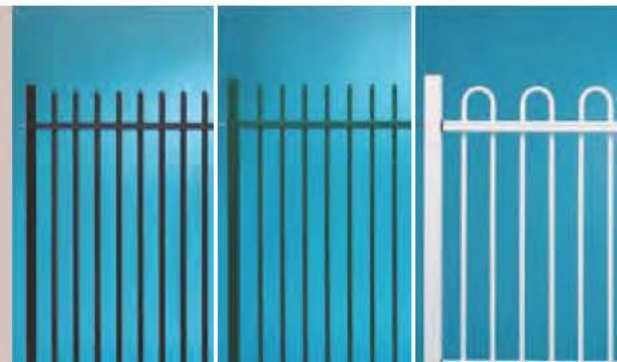
Panels

Panels are available in different specifications in a full range of heights from 1.0m to 2.4m. All panels are constructed from rolled hollow section horizontal rails with both round and square vertical tube infill.

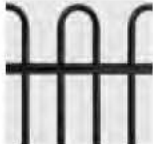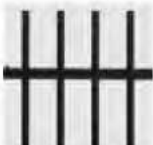**Convex Play is a CHILD SAFE Bowtop railing system,** specifically designed to meet the safety standards demanded for schools, play and residental areas.

Convex Bow Top

Sentinel Convex Bow Top is a round tube bow top railing system. Vertical tubes are 25mm diameter.

Convex

Sentinel Convex is a round vertical tube railing system. Vertical tubes are 25mm diameter. The tops of the vertical tubes are supplied with optional flat cut or angle cut profile.
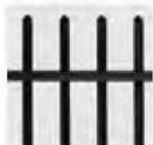
Matrix

Sentinel Matrix is a square vertical tube railing system. Verticals are 25 x 25mm square tubes and are positioned diamond to view to give maximum strength and aesthetic appearance. The tops of the vertical tubes are supplied with optional flat cut or angle cut profile.

Posts

Posts are square hollow sections and are either bolt through or fitted with M8 threaded inserts for securing panels. Posts come inclusive of top caps (flat, pyramid shaped, tamper proof aluminium or decorative 'ball top' aluminum)

Security

Sentinel Railings satisfy the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Gates

A standard range available in single or double leaf configuration complete with infill tubes to match.

Coating

Two finishes are available:
Hot dipped galvanised BS EN ISO1461
Hot dipped galvanised BS EN ISO1461and Polyester powder coated.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

Cost effective

For lower cost installations an economy range is available.
Full details available on request.

ASSORTMENT RAILINGS								
Panels				Posts				
Fence height mm	Height x Width mm	Tube dia mm	Projection from top rail mm	Section mm	Overall length mm	Number of fixings		
						Intermediate	Corner	End
CONVEX PLAY								
1000	950 x 2762	19	85	60 x 60 x 2	1600	4	4	2
1200	1150 x 2762	19	85	60 x 60 x 2	1800	4	4	2
1500	1450 x 2762	19	85	60 x 60 x 2.5	2100	4	4	2
CONVEX BOW TOP								
1500	1450 x 2762	25	150	60 x 60 x 2.5	2100	4	4	2
1800	1750 x 2762	25	200	60 x 60 x 2.5	2500	4	4	2
2000	1950 x 2762	25	200	60 x 60 x 2.5	2700	4	4	2
2400	2350 x 2762	25	200	60 x 60 x 2.5	3100	4	4	2
CONVEX								
1500	1450 x 2762	25	150	60 x 60 x 2.5	2100	4	4	2
1800	1750 x 2762	25	200	60 x 60 x 2.5	2500	4	4	2
2000	1950 x 2762	25	200	60 x 60 x 2.5	2700	4	4	2
2400	2350 x 2762	25	200	60 x 60 x 2.5	3100	4	4	2
MATRIX								
1500	1450 x 2762	25 x 25	150	60 x 60 x 2.5	2100	4	4	2
1800	1750 x 2762	25 x 25	200	60 x 60 x 2.5	2500	4	4	2
2000	1950 x 2762	25 x 25	200	60 x 60 x 2.5	2700	4	4	2
2400	2350 x 2762	25 x 25	200	60 x 60 x 2.5	3100	4	4	2

Comprehensive installation documents are available by request to our sales office.

Panels

Nylofor 3-M is a complete professional system with 3 meter panels providing a cost effective installation.

Nylofor® 3-M

Benefits

Cost effective
3 meter panels provide competitive price levels whilst retaining maximum performance, quality and rigidity.

PVC coating ensures long lifetime
Coating technology of Betafence is state of the art and assures an extra long life. A special layer is applied over the galvanised substrate to ensure total adhesion of the PVC coating.

Faster installation
Due to 3 meter wide panels, the fence is very fast to install.

High rigidity
Heavy welded mesh panels with rectangular meshes and horizontal beams guarantee a high level of rigidity.

Complete system
The system consists of panels in various heights, square posts with a specific fixing system and a wide assortment of innovative swing and sliding gates.

Applications

The Nylofor 3-M system is highly recommended for professional fencing of public buildings, factories and workshops, schools.

Panels

The panels are 3000mm wide and heights range from 1730 to 2430mm.
The panels have vertical barbs of 30mm on the top of the panel (panels are reversible if required - barbs at top or at bottom).
Mesh sizes are 200 x 50mm, and 100 x 50mm for the beam sections.
Heavy wires, with a diameter of 5mm guarantee a high level of rigidity.

Posts and fixings

Twilfix 2000 post system

Twilfix 2000 post is manufactured from 60 x 60mm square hollow sections and fitted with M8 threaded inserts for securing panels. Posts come inclusive of top caps (flat or pyramid shaped).
Panels are fixed using 3D Profile and Universal fixing brackets with M8 x 35 Countersunk Trilobe tamper proof bolts.

Security

Nylofor 3-M satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences

Gates

The Nylofor 3-M system can be supplied complete with Nylofor or Robusta swing and/or sliding gates for optimal protection.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the heavy PVC coating. Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.
All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

ASSORTMENT NYLOFOR 3-M							
Panels			Posts				
Fence height mm	Height x Width mm	Number of beams per panel	Section mm	Overall length mm	Number of fixings		
					Intermediate	Corner	End
1800	1730 x 3000	3	60 x 60 x 2	2400	5	10	5
2000	2030 x 3000	4	60 x 60 x 2	2700	6	12	6
2400	2400 x 3000	4	60 x 60 x 2	3100	7	14	7

Comprehensive installation documents are available by request to our sales office.

BETAFENCE

Panels

The Nylofor 3D system is the reference on the market. This complete professional fencing system provides an ideal solution for most types of low to medium security fence applications.

Nylofor® 3D

Benefits

Attractive and cost effective solution

The Nylofor 3D system is the reference on the market for most types of low to medium security fence applications.

Panels have a high level of rigidity

Heavy welded mesh panels with rectangular meshes and horizontal beams guarantee a high level of rigidity.

Fast installation

All components have been developed to provide a professional product of high quality that can be installed efficiently and rapidly.

Wide choice of colour options

An extensive range of standard and non standard colour options can be made available.

Available as a complete system

The system consists of panels in various heights, square posts with a specific fixing system and a wide assortment of innovative swing and sliding gates.

Applications

The Nylofor 3D system is highly recommended for professional fencing of public buildings, factories and workshops, schools, parks, playgrounds and sportstadia, airports and military sites.

Panels

The panels are 2500mm wide and heights range from 1730 to 2430mm. The panels have vertical barbs of 30mm on the top of the panel (panels are reversible if required - barbs at top or at bottom).
Mesh sizes are 200 x 50mm, and 100 x 50mm for the beam sections.
Heavy wires, with a diameter of 5mm guarantee a high level of rigidity.

Posts and fixings

Twilfix 2000 post system

Twilfix 2000 post is manufactured from 60 x 60mm square hollow sections and fitted with M8 threaded inserts for securing panels. Posts come inclusive of top caps (flat or pyramid shaped).
Panels are fixed using 3D Profile and Universal fixing brackets with M8 x 35 Countersunk Trilobe tamper proof bolts.

Security

Nylofor 3D satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Gates

The Nylofor 3D system can be supplied complete with Nylofor or Robusta swing and/or sliding gates for optimal protection.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.
All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

ASSORTMENT NYLOFOR 3D							
Panels			Posts				
Fence height mm	Height x Width mm	Number of beams per panel	Section mm	Overall length mm	Number of fixings		
					Intermediate	Corner	End
1800	1730 x 2500	3	60 x 60 x 2	2400	5	10	5
2000	2030 x 2500	4	60 x 60 x 2	2700	6	12	6
2400	2400 x 2500	4	60 x 60 x 2	3100	7	14	7

Comprehensive installation documents are available by request to our sales office.

Panels

The Nylofor F system is a complete system consisting of rectangular heavy welded mesh fence in panels, with horizontal flat wires offering high levels of rigidity.

Nylofor® F

Benefits

High rigidity

The 15 x 6 mm horizontal flat wires provide high rigidity to the panels.

Long lifetime

The quality of the coating is very high. After being galvanised coated, the products are protected by a polyester coating with a perfect adhesion.

Quick installation

The fixing system of Nylofor F guarantees a quick and professional installation.

Available as a complete system

The system consists of panels in various heights, square posts with a specific fixing system and a wide assortment of innovative swing and sliding gates.

Applications

The Nylofor F system is highly recommended for professional fencing of public buildings, factories and workshops, schools, parks, playgrounds and sportstadia, airports and military sites.

Panels

The panels are 2500mm wide and heights range from 1030 to 2030mm.
The panels have vertical barbs of 30mm on the top of the panel (panels are reversible if required - barbs at top or at bottom).
Mesh sizes are 200 x 50mm.
Heavy 15 x 6 mm horizontal flat wires provide high rigidity to the panels.

Posts and fixing

Twilfix 2000 post system

Twilfix 2000 post is manufactured from 60 x 60mm square hollow sections and fitted with M8 threaded inserts for securing panels. Posts come inclusive of top caps (flat or pyramid shaped).
Panels are fixed using Universal fixing brackets and M8 x 35 Countersunk Trilobe tamper proof bolts.

Security

Nylofor F satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Gates

The Nylofor F system can be supplied complete with Nylofor or Robusta swing and/or sliding gates for optimal protection.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.
All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

ASSORTMENT NYLOFOR F							
Panels			Posts				
Fence height mm	Height x Width mm	Number of beams per panel	Section mm	Overall length mm	Number of fixings		
					Intermediate	Corner	End
1000	1030 x 2500	0 (flat panel)	60 x 60 x 2	1500	3	6	3
1200	1230 x 2500	0 (flat panel)	60 x 60 x 2	1800	4	8	4
1800	1830 x 2500	0 (flat panel)	60 x 60 x 2	2400	5	10	5
2000	2030 x 2500	0 (flat panel)	60 x 60 x 2	2700	6	12	6

Comprehensive installation documents are available by request to our sales office.

IB BETAFENCE

Panels

The Nylofor 2D & 2D Super system is manufactured from heavy welded mesh panels with double horizontal wires. This complete professional fencing system provides both maximum rigidity and resistance to vandalism

Nylofor® 2D/2D Super

Benefits

Attractive solution

The Nylofor 2D/2D Super system is particularly attractive due to the panels flat construction which is enabled by the secure double horizontal wires one positioned on either side of the verticals.

High level of rigidity and security

The panels are extremely rigid due to the use of heavy welded mesh in conjunction with double horizontal wires. Nylofor 2D Super has extra heavy double horizontal wires.

Fast installation

All components have been developed to provide a professional product of high quality that can be installed efficiently and rapidly.

Wide choice of colour options

An extensive range of standard and non standard colour options can be made available.

Available as a complete system

The system consists of panels in various heights, square posts with a specific fixing system and a wide assortment of innovative swing and sliding gates.

Applications

The characteristics of these panels render them to be ideally suited for applications requiring a high degree of resistance to impact and vandalism of the fence.

Panels

The panels are manufactured from heavy welded mesh, 2500mm wide and heights range from 1030 to 2430mm with mesh sizes 200 x 50m. The panels have vertical barbs of 30mm on the top of the panel (panels are reversible if required - barbs at top or at bottom).

The panels are extremely rigid and secure due to the double horizontal wires one positioned on either side of the verticals, panels offer increased resistance to cutting.

Type	Wire diameter	
	Horizontal	Vertical
Nylofor 2D	2 x 6 mm	5 mm
Nylofor 2D Super	2 x 8 mm	6 mm

Posts and fixings

Twilfix 2000 post system

Twilfix 2000 post is manufactured from 60 x 60mm square hollow sections and fitted with M8 threaded inserts for securing panels. Posts come inclusive of top caps (flat or pyramid shaped).

Panels are fixed using Universal / 2D Super fixing brackets and M8 x 35 Countersunk Trilobe tamper proof bolts.

Security

Nylofor 2D/2D Super satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Gates

The Nylofor 2D/2D super system can be supplied complete with Nylofor or Robusta swing and/or sliding gates for optimal protection.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.

All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

ASSORTMENT NYLOFOR 2D/2D SUPER							
Panels			Posts				
Fence height mm	Height x Width mm	Number of beams per panel	Section mm	Overall length mm	Number of fixings		
					Intermediate	Corner	End
1000	1030 x 2500	0 (flat panel)	60 x 60 x 2	1500	3	6	3
1200	1230 x 2500	0 (flat panel)	60 x 60 x 2	1800	4	8	4
1800	1830 x 2500	0 (flat panel)	60 x 60 x 2	2400	5	10	5
2000	2030 x 2500	0 (flat panel)	60 x 60 x 2	2700	6	12	6
2400	2430 x 2500	0 (flat panel)	60 x 60 x 2	3100	7	14	7

Comprehensive installation documents are available by request to our sales office.

IB BETAFENCE

Panels

An attractive welded mesh panel fence due to its innovative aesthetic appearance in combination with strength and security. Ideal solution for most types of medium security fence applications.

Paladin® FX

Benefits

Design
A popular Weldmesh panel due to its aesthetic appearance.

Panels have a high level of rigidity
Heavy welded mesh panels with rectangular meshes and horizontal beams guarantee a high level of rigidity.

Wide choice of colour options
An extensive range of standard and non standard colour options can be made available.

Available as a complete system
Available as a complete system for boundary demarcation to general security and anti-intruder fencing. The system consists of panels in various heights, square posts with a specific fixing system and a wide assortment of innovative swing and sliding gates.

Applications

Company premises, Public spaces, Schools, Retail, Factories, Airports, Utilities: gas, water, electric & telecommunications.
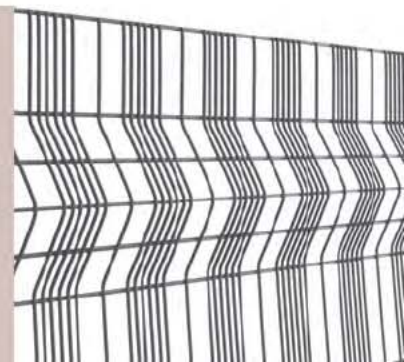
Panels

The panels are 3000mm wide and heights range from 900 to 2400mm. The panels have pressed 'V' beams which contain additional 5mm wires to give increased strength and rigidity.

Mesh sizes vary to a maximum 150 x 50mm.

Paladin FX has good looks whilst providing secure fencing system.

Posts and fixings

Twilfix 2000 post system

Twilfix 2000 post is manufactured from 60 x 60mm square hollow sections and fitted with M8 threaded inserts for securing panels. Posts come inclusive of top caps (flat or pyramid shaped).

Panels are fixed using Universal fixing brackets and M8 x 35 Countersunk Trilobe tamper proof bolts.

Security

Paladin FX satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Gates

Swing gates available in single and double leaf configuration with a Paladin or Robusta infill to match your fence.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.

All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

ASSORTMENT PALADIN FX							
Panels			Posts				
Fence height mm	Height x Width mm	Number of beams per panel	Section mm	Overall length mm	Number of fixings		
					Intermediate	Corner	End
900	900 x 3023	2	60 x 60 x 2	1500	3	6	3
1200	1200 x 3023	2	60 x 60 x 2	1800	4	8	4
1800	1800 x 3023	2	60 x 60 x 2	2500	5	10	5
2000	2000 x 3023	3	60 x 60 x 2	2700	6	12	6
2400	2400 x 3023	3	60 x 60 x 2	3100	7	14	7

Comprehensive installation documents are available by request to our sales office.

Panels

The most attractive welded mesh panel fence available due to its innovative and unique aesthetic appearance in combination with strength and security.

Paladin® Classic

Benefits

Prestigious design

Paladin is the most popular Weldmesh panel due to its innovative and aesthetic appearance.

High performance

Strong lightweight construction with high levels of performance against "cut-through" and climbing.

Excellent through vision

Unique mesh pattern provides clear visibility along the fence line.

Maximum height

To achieve fence heights above 2.4m the panels are designed for multi-lift erection i.e. one or more panels are placed above the bottom panel.

Wide range of options and applications

Available as a complete system for boundary demarcation to general security and anti-intruder fencing.

Applications

Company premises, Public spaces, Schools, Retail, Factories, Airports, Utilities: gas, water, electric & telecommunications
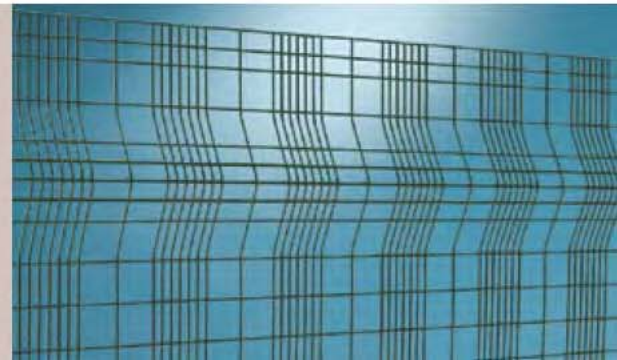
Panels

The panels are 3000mm wide and heights range from 900 to 2400mm.
The panels have pressed 'V' beams which contain additional 4mm wires to give increased strength and rigidity.
Mesh sizes vary to a maximum **50 x 50mm**.
Paladin has sophisticated good looks whilst providing a very secure fencing system.

Posts and fixings

Twilfix 2000 Post System

Twifix 2000 Post System post is manufactured from 60x60 square hollow sections and fitted with M8 threaded inserts for securing panels. Posts come inclusive of top caps (flat or pyramid shaped top caps).
Panels are fixed using 25 x 5mm flat clamp bar and M8 x 40 Button-Head Trilobe tamper proof bolts.

Security

Paladin Classic satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Gates

Swing gates available in single and double leaf configuration with a Paladin or Robusta infill to match your fence.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.
All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours are available on request.

ASSORTMENT PALADIN CLASSIC							
Panels			**Posts**				
Fence height mm	Height x Width mm	Number of beams per panel	Section mm	Overall length mm	Number of fixings		
					Intermediate	Corner	End
900	925 x 3025	2	60 x 60 x 2	1500	3	6	3
1200	1240 x 3025	2	60 x 60 x 2	1800	4	8	4
1800	1850 x 3025	2	60 x 60 x 2	2500	5	10	5
2000	2000 x 3025	3	60 x 60 x 2	2700	6	12	6
2400	2440 x 3025	3	60 x 60 x 2	3100	7	14	7

Comprehensive installation documents are available by request to our sales office.

BETAFENCE

Panels

The Securifor 3D system is a complete system developed to combine high security and aesthetic design.

Secured by Design
SBD
Police Preferred Specification

Securifor® 3D

Benefits

High security

The panels are heavy welded mesh with small rectangular apertures. Due to the large wire diameter (4 mm) and the restricted width of mesh (12.7 x 76.2mm) Securifor 3D offers maximum security.

Attractive design

Panels incorporate a pressed beam section which not only enhances appearance but provides additional strength and support.

Long lifetime

The coating technology of Betafence is state of the art and guarantees an extra high longevity.

Through visibility

The system has excellent see-through visibility particularly important for camera surveillance.

Available as a complete system

The system consists of panels in various heights, square posts with a specific fixing system and a wide assortment of innovative swing and sliding gates.

Applications

The Securifor 3D system is, thanks to the combination of an attractive design and a high security level, ideally suitable for application in schools, recreation, hospitals, railways, warehouses and commercial or industrial sites.

Panels

The panels are 2515mm wide and heights range from 2000 to 3000 mm. Mesh sizes are 76.2 x 12.7mm, and manufactured from 4mm wires. Weld strength is 75% of the minimum tensile strength of the wire (tensile range 540-690 N/m²).

Featuring a toe and finger proof mesh aperture, this system combines an anti-climb and anti-cut fence with excellent through visibility and resistance to vandalism.

These panels incorporate a pressed beam section which not only enhances appearance but provides additional strength and support.

Secured by Design

Securifor 3D is a secured by design product. Having passed the standards and tests which are required to achieve Police Preferred Specification.

Posts and fixings

Securifor Posts

Securifor posts are manufactured from high grade steel for maximum strength and rigidity. Manufactured from 80x60 and 80x80 hollow section and are complete with M8 threaded inserts for fixing panels. Posts come inclusive of top caps.

Panels are fixed using Securifor 3D fixing bracket and M8 x 35 Countersunk Trilobe tamper proof bolts.

Security

Securifor 3D satisfies the requirements for Category: 2 (Security) and Category: 3 (High Security) fences.

Gates

The Securifor 3D system can be supplied complete with Securifor or Robusta swing and/or sliding gates for optimal protection.

Coating technique

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanized substrate in accordance with Euro norm 10147.

All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005 and Black RAL9005. Other colours available on request.

ASSORTMENT SECURIFOR 3D							
Panels			Posts				
Fence height mm	Height x Width mm	Number of beams per panel	Section mm	Overall length mm	Number of fixings		
					Intermediate	Corner	End
2000	2000 x 2515	2	80 x 60 x 2	2700	6	12	6
2400	2400 x 2515	3	80 x 60 x 2	3100	7	14	7
3000	3000 x 2515	3	80 x 80 x 2.5	3800	10	20	10

Comprehensive installation documents are available by request to our sales office.

BETAFENCE

Panels

The Securifor 2D system is a unique system developed to combine very high rigidity and security with an aesthetic design.

Secured by Design

SBD

Police Preferred Specification

Securifor® 2D

Benefits

Secure

Securifor 2D is the ultimate heavy weldmesh panel for providing a very high degree of security with the most discreet visual impact on the environment. The rigidity of the panels is further reinforced by the inclusion of 6mm vertical wires and the addition of double 4mm horizontal wires at 152,4mm centres to the inside face of the panel. This product is ideally suited for applications that require high rigidity.

Vandal resistant

The finger-and-toe-proof mesh profile combines an anti-climb and anti-cut panel with excellent through visibility and resistance to vandalism. The small mesh apertures combined with heavy wires result in long cut-through delay times.

Discreet

Minimal visual impact on the environment with excellent see-through visibility, essential for use with CCTV.

Durable

Low maintenance and long life resulting from high quality coating

Available as a complete system

The system consists of panels in various heights, posts with a specific fixing system and a wide assortment of innovative swing and sliding gates.

Applications

The Securifor 2D system is, due to the combination of an attractive design and a superior security level, suitable for applications in schools, industrial sites, warehouses, vulnerable industries, high risk areas, prisons.

Panels

The panels are 2515mm wide and heights range from 2000 to 3000mm (greater heights are available on request). Mesh sizes are 76.2 x 12.7mm, and manufactured from 4mm and 6mm wires. Weld strength is 75% of the minimum tensile strength of the wire (tensile range 540-690 N/m²). Featuring a toe and finger proof mesh aperture, this system combines an anticlimb and anticut fence with excellent through visibility and resistance to vandalism.

This new panel incorporates a unique combination of increased vertical wire diameter (6mm) and the incorporation of a double horizontal wires at 152.4mm centres on the inside face. The result is a very rigid panel, higher level of strength and security.

Secured by Design

Securifor 2D is a secured by design product. Having passed the standards and tests which are required to achieve Police Preferred Specification.

Posts and fixings

Securifor Posts

Securifor posts are manufactured from high grade steel for maximum strength and rigidity. Manufatured from 80x60 and 80x80 hollow section and are complete with M8 threaded inserts for fixing panels. Posts come inclusive of top caps.

Panels are fixed using Securifor 2D fixing bracket and M8 x 35 Countersunk Trilobe tamper proof bolts.

Security

Securifor 2D satisfies the requirements for Category: 2 (Security) and Category: 3 (High Security) fences

Gates

The Securifor 2D system can be supplied complete with Securifor or Robusta swing and/or sliding gates for optimal protection.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanized substrate in accordance with Euro norm 10147.

All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

ASSORTMENT SECURIFOR 2D							
Panels			Posts				
Fence height mm	Height x Width mm	Number of beams per panel	Section mm	Overall length mm	Number of fixings		
					Intermediate	Corner	End
1200	1200 x 2515	0 (flat panel)	–	–	–	–	–
2000	2000 x 2515	0 (flat panel)	80 x 60 x 2	2700	6	12	6
2400	2400 x 2515	0 (flat panel)	80 x 60 x 2	3100	7	14	7
3000	3000 x 2515	0 (flat panel)	80 x 80 x 2.5	3800	10	20	10

Comprehensive installation documents are available by request to our sales office.

BETAFENCE

Panels

Securifor is the ultimate in discreet high security perimeter protection. These systems combine an anti-climb and anti-cut fence with excellent through visibility.

Secured by Design
SBD
Police Preferred Specification

Securifor® 358 / Super 6

Benefits

Vandal resistant

The finger-proof aperture combined with 4mm wire diameter provides a substantial barrier that is difficult to climb and penetrate. Almost impossible to cut wires by use of conventional bolt or wire cutters.

Secure and discreet

The ultimate system for providing a high degree of security where a discreet visual impact on the immediate environment is essential.

Formidable

An effective deterrent to intruders available in various heights up to 6m - specially designed for high security applications. Compatible with electronic alarm and detection systems.

6mm Vertical wires

Securifor Super 6 is the highest level of security panel within the Securifor range. This NEW panel incorporates 6mm vertical wires to give maximum resistance to cut through attacks.

Through visibility

The system has excellent see-through visibility particularly important for camera surveillance.

Available as a complete system

The system consists of panels in various heights, square posts with a specific fixing system and a wide assortment of innovative swing and sliding gates.

Applications

The Securifor system is developed for all applications where total security is essential: schools, warehouses, distribution centres, power plants, laboratories, computer centres, financial institutions, military sites, penitentiaries, etc. For specific applications (e.g. prisons) particular solutions can be proposed.

Panels

The panels are 2515 mm wide and heights range from 900 to 5200 mm. Mesh sizes are 76.2 x 12.7 mm, and manufactured from 4mm wires **(Securifor Super 6 has 6mm vertical wires)**. Weld strength is 75% of the minimum tensile strength of the wire (tensile range 540-690 N/m²).

Featuring a toe and finger proof mesh aperture, this system combines an anti-climb and anti-cut fence with excellent through visibility and resistance to vandalism.

Extra length panels can be supplied (+300 mm) for below ground to prevent burrowing.

Secured by Design
Securifor 358 / Super 6 is a secured by design product. Having passed the standards and tests which are required to achieve Police Preferred Specification.

Posts and fixings

Securifor Posts

Securifor posts are manufactured from 60x60mm and 80x80mm square hollow section and are holed for bolt through fixing. Posts come inclusive of top caps.

Panels are fixed using 25 x 5mm slotted clamp bar, M8 x 100 galvanised cup square round bolts and sheer-nuts, fixings at 305mm centres.

Post system Bekasecure

The Bekasecure post's design and high yield strength steel provide the ultimate in high security, rigidity and ease of installation. Posts are foreseen with a double range of wholes 10 x 20 mm and the fixation of the panels is secured by the use of a continuous cover plate and specific inox security bolts. The open profile of the post allows electrical or fibre optic cabling and is closed with specific metal cap.

- Post profile
- 140 x 119 x 3,00 mm (h. fence 3 - 4 m)
- 140 x 150 x 5,00 mm (h. fence 4,2 - 6 m)

Security

Securifor 358 / Super 6 satisfy the requirements for Category: 2 (Security), Category: 3 (High Security) and Category: 4 (Maximum Security) fences.

Gates

The Securifor system can be supplied complete with Securifor or Robusta swing and/or sliding gates for optimal protection.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.

All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

The panels are also available coated in Zincalu Super (95% zinc, 5% aluminium): on request.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

ASSORTMENT SECURIFOR 358 / SUPER 6								
Panels			Posts					
Fence height mm	Height x Width mm	Number of beams per panel	Section mm	Overall length mm		Intermediate	Corner	End
1270	1270 x 2515	0 (flat panel)	-	-		-	-	-
2400	2400 x 2515	0 (flat panel)	60 x 60 x 2.5	3100		9	18	9
2700	2700 x 2515	0 (flat panel)	80 x 80 x 2.5	3400		10	20	10
3000	3000 x 2515	0 (flat panel)	80 x 80 x 2.5	3800		11	22	11
3300	3300 x 2515	0 (flat panel)						
3600	3600 x 2515	0 (flat panel)						
4000	4000 x 2515	0 (flat panel)						
4500	4500 x 2515	0 (flat panel)	Specifications available on request					
4800	4800 x 2515	0 (flat panel)						
5200	5200 x 2515	0 (flat panel)						

Comprehensive installation documents are available by request to our sales office.

Panels

Bekasport is the ideal system to fence and protect all types of sports and recreational areas.

Bekasport®

Benefits

Maximum rigidity

The use of the Nylofor 2D panel gives this system extremely high level of rigidity.

Heights up to 6m

The Bekasport system is available for ball-stop heights up to 6m.

Varimesh panel

The 'varimesh' panel is designed with mixed mesh apertures the lower third having a high density mesh for maximum strength in the contact area.

Sound damping fixings

Specific sound damping fixings are used in this system which greatly reduces the noise generated by impact on the fence.

Wide choice of colour options

An extensive range of standard and non standard colour options can be made available.

Available as a complete system

The system consists of various heights and all components have been developed to provide a professional product of high quality that can be installed efficiently and rapidly.

Applications

The Betafence unique ball-stop system is an ideal solution for fencing sport or playgrounds. The system is a combination of a special post with panels type Nylofor 2D.

Panels

The panels are manufactured from heavy welded mesh, 2500mm wide and heights range from 3000 to 6000mm and are constructed from a unique 'varimesh' pattern to provide a lower rebound area 1200mm high.

The panels are extremely rigid and secure due to the double horizontal wires one positioned on either side of the verticals. This system is ideally suited to a games containment area, with provision for recessed goal areas and increased heights across goal ends or goal areas.

Posts

The rectangular posts are equipped with plastic sound damping clips. Thanks to a special insert in the posts these clips are located within the post. This means that the clip is an installation aid for hanging the panels. After hanging, the panel is fixed to the Bekasport post by means of steel clips.

Gates

The Bekasport system can be supplied complete with Nylofor or Robusta swing gates.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.

All Betafence powder coated products are tested for adherence to 1000 hour Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) + DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005.
Other colours available on request.

ASSORTMENT BEKASPORT					
Panels			Posts		
Fence height mm	Lower panel Width x Height mm	Upper panel Width x Height mm	Section mm	Overall length mm	Number of fixings
3000	3030 x 2500	–	70 x 50 x 2	3800	10
4000	3030 x 2500	1030 x 2500	80 x 50 x 3	4800	12
5000	3030 x 2500	2030 x 2500	120 x 50 x 4	6000	16
6000	3030 x 2500	2030 + 1030 x 2500	120 x 50 x 4	7000	18

Comprehensive installation documents are available by request to our sales office.

BETAFENCE

Panels

Bekasport Super is ideally suited for ball courts, urban kick-around areas, hockey all types of sports and recreational areas providing maximum resistance to heavy impact.

Bekasport® Super

Benefits

Very rigid

The use of Securifor 2D Varimesh panel gives this system extremely high level of rigidity.

Heights up to 6m

The Bekasport Super system is available for ball-stop heights up to 6m.

Varimesh panel

The 'varimesh' panel is designed with mixed mesh apertures the lower third having a high density mesh for maximum strength in the contact area.

Cross rails

Cross rails are available to give lateral reinforcement for maximum resistance to heavy impact.

Wide choice of colour options

An extensive range of standard and non standard colour options can be made available.

Available as a complete system

The system consists of various heights and all components have been developed to provide a professional product of high quality that can be installed efficiently and rapidly.

Applications

The Bekasport Super system is ideally suited to provide a robust and safe ball court for urban kick-around areas, hockey, professional pitches and all types of sports and recreational areas.

Panels

The panels are 2515 mm wide and heights range from 3000 to 6000mm.
Mesh sizes are 76.2 x 12.7 mm, and manufactured from 4mm and 6mm wires.

Varimesh panels

Varimesh panels are constructed from a mesh pattern
(76.2 x 12.7 – 25.4 – 50.8mm) to provide a lower rebound
area 1200 mm high.

This new panel incorporates a unique combination of
increased vertical wire diameter (6 mm) and the incorporation
of double horizontal wires at 152.4 mm centres on the rear
face. The result is a very rigid panel.

This system is ideally suited for football, urban kick around
areas, hockey and basketball and may be tailored to suit
specific requirements i.e. reinforced and recessed goal areas,
increased height across goal ends or goal areas. Additional
cross rails are available to give lateral reinforcement for
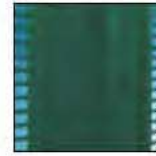maximum resistance to heavy impact.

Make up panels

Make up panels are used to extend the fence height above the
lower panel.

Rebound panels

Rebound panels are available for areas particularly vulnerable to
heavy impact.

Posts and Fixings

Posts are manufactured from 80 x 60 or 100 x 60 hollow
section and fitted with M8 threaded inserts for securing
panels using mounting brackets, 3.00mm custom rolled
profiled steel cover plates and
M8 x 40 Stainless Steel Trilobe tamper proof bolts.

Gates

The Bekasport Super system can be supplied complete with Securifor or
Robusta swing gates.

Coating

Panels are manufactured from pre-galvanised wires. An adhesion coating
is applied to allow perfect adhesion with the polyester coating (min.
100 micron). Posts are polyester coated with a galvanized substrate in
accordance with Euro norm 10147.

All Betafence powder coated products are tested for adherence to 1000 hour
Salt Spray testing according to DIN 50021 (= ASTM B 117 = ISO 9227) +
DIN 53167 and conforming to EN 10223 - 7.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

ASSORTMENT BEKASPORT SUPER						
Panels			Posts			
Fence height mm	Lower Panel Width x Height mm	Upper Panel	Section mm	Overall length mm	Number of fixings	
					Intermediate	Corner
3000	3000 x 2515 (Varimesh)	–	80 X 60 2.5	3800	11	22
4000	3000 x 2515 (Varimesh)	1000 x 2515 (Make up panel)	100 X 60 X 3	4800	15	30
5000	3000 x 2515 (Varimesh)	2000 x 2515 (Make up panel)	100 X 60 X 3*	6000	18	36
6000	3000 x 2515 (Varimesh)	3000 x 2515 (Make up panel)	100 X 60 X 3*	7000	21	42

* + 60 X 60 X 3mm Godfather post on rear face.

Comprehensive installation documents are available by request to our sales office.

Rolls

The Sentinel Chain Link system is a fencing system that is versatile and easy to install.

Sentinel® Chain Link

Benefits

Versatile
A well proven popular, versatile and easy to erect fencing suitable for a wide variety of applications.

Long lifetime
The coating technology of Betafence is state of the art and guarantees an extra high longevity.
After galvanising the wire can be given an extra protection coating of durable PVC.

Easy to use
A professional product of high quality that is easy to use and can be installed efficiently and rapidly.

Applications

The Sentinel Chain Link system is recommended for the professional fencing of garden and court yards, playgrounds, and sport fields, tennis courts, factories and workshops.

Mesh

A well proven popular, versatile and easy to erect fencing suitable for a wide variety of applications. From a simple boundary marker to a permanent secure fence, there will be a specification of Chain Link suited to the purpose.

Most Chain Link is available compact wound and palletised. Standard PVC colours are green or black.

Available in either barbed or knuckled edges or combination of both.

Supplied standard in 12.5 m rolls

Knuckled Top   Barbed Top

Security

Sentinel Chain Link satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Gates

The system can be supplied complete with Nylofor or Robusta swing and/or sliding gates for optimal protection.

Colour

Standard PVC colours are green or black.

Coating

Galvanised.
PVC coated bright core.
PVC coated galvanised core.

ASSORTMENT SENTINEL CHAIN LINK

Rolls			Rolls			Rolls		
Fence height mm	Height x Length m	Mesh x Wire mm	Fence height mm	Height x Length m	Mesh x Wire mm	Fence height mm	Height x Length m	Mesh x Wire mm
GALVANISED			**PVC BRIGHT CORE**			**PVC GALVANISED CORE**		
900	0.9 x 25	50 x 2.5	900	0.9 x 25	50 x 2.5/1.7	900	0.9 x 25	50 x 3.15/2.24
1200	1.2 x 25	50 x 2.5	1200	1.2 x 25	50 x 2.5/1.7	1200	1.2 x 25	50 x 3.15/2.24
1400	1.4 x 25	50 x 2.5	1400	1.4 x 25	50 x 2.5/1.7	1800	1.8 x 25	50 x 3.15/2.24
1800	1.8 x 25	50 x 2.5	1800	1.8 x 25	50 x 2.5/1.7	2400	2.4 x 25	50 x 3.15/2.24
2400	2.4 x 25	50 x 2.5	900	0.9 x 25	50 x 3.15/2.24	2750	2.75 x 25	50 x 3.15/2.24
900	0.9 x 25	50 x 3	1200	1.2 x 25	50 x 3.15/2.24	3600	3.6 x 25	50 x 3.15/2.24
1200	1.2 x 25	50 x 3	1400	1.4 x 25	50 x 3.15/2.24	900	0.9 x 25	50 x 3.55/2.5
1400	1.4 x 25	50 x 3	1500	1.5 x 25	50 x 3.15/2.24	1200	1.2 x 25	50 x 3.55/2.5
1500	1.5 x 25	50 x 3	1800	1.8 x 25	50 x 3.15/2.24	1800	1.8 x 25	50 x 3.55/2.5
1800	1.8 x 25	50 x 3	2400	2.4 x 25	50 x 3.15/2.24	2400	2.4 x 12.5	50 x 3.55/2.5
2150	2.4 x 12.5	50 x 3	2750	2.75 x 12.5	50 x 3.15/2.24	2750	2.75 x 12.5	50 x 3.55/2.5
2400	2.4 x 12.5	50 x 3	3050	3.05 x 12.5	50 x 3.15/2.24	3600	3.6 x 12.5	50 x 3.55/2.5
2750	2.75 x 12.5	50 x 3	900	0.9 x 25	50 x 3.55/2.5	1800	1.8 x 12.5	50 x 4/3
3600	3.6 x 12.5	50 x 3	1200	1.2 x 25	50 x 3.55/2.5	2400	2.4 x 12.5	50 x 4/3
1800	1.8 x 12.5	50 x 3.55	1800	1.8 x 25	50 x 3.55/2.5	2750	2.75 x 12.5	50 x 4/3
2400	2.4 x 12.5	50 x 3.55	2150	2.15 x 12.5	50 x 3.55/2.5	1800	1.8 x 12.5	50 x 4.75/3.55
2750	2.75 x 12.5	50 x 3.55	1800	1.8 x 12.5	50 x 4/3	2150	2.15 x 12.5	50 x 4.75/3.55
						2400	2.4 x 12.5	50 x 4.75/3.55
						2750	2.75 x 12.5	50 x 4.75/3.55

BETAFENCE

Rolls

Manufactured from high tensile wire – over twice the strength of traditional Chain Link fencing.

Sentinel® Super 70

Benefits

High security

Sentinel Super 70 provides a chain link fence with a significantly higher degree of security and performance against 'cut through'. Manufactured throughout from High Tensile wire – over twice the strength of traditional Chain Link. The increase strength of the wire allows for greater tensioning making the fence difficult to vandalise and dismantle.

High longevity

Betafence's state of the art coating technology provides Super 70 with increased resistance to corrosion. Wires are heavily galvanised prior to a unique green treatment.

Rigidity and strength

A rigid fence with increased strength is, achieved as a result of using high tensile wires.

Professional installation

Developed to provide a professional product of high quality that can be installed efficiently and rapidly.

Applications

Sentinel Super 70 is designed for applications where an increased level of strength and security is required: Highways, Track side, Military, Airports, Power plants and sports stadium.

Mesh

Provides increased levels of security compared to traditional Chain Link Fencing.

Manufactured from High Tensile wire 70tpsi (1050 N/mm²)

Mesh and wire:

40 mm x 3 mm

50 mm x 3 mm or 3.55 mm

Presentation

Supplied standard in 12.5 m rolls

Barbed or Knuckled edges or a combination of both are available

Knuckled Top   Barbed Top
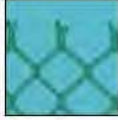
Security

Sentinel Super 70 satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Gates

Sentinel Super 70 can be supplied complete with Nylofor or Robusta swing and/or sliding gates for optimal protection.

Coating

Wires are heavily galvanised prior to a unique green treatment to provide increased resistance to corrosion.

Colours

Green.

ASSORTMENT SENTINEL SUPER 70								
Wire Size mm	Height mm							
	900	1200	1400	1800	2000	2400	2750	3600
3.00	•	•	•	•	•	•	•	•
3.55	•	•	•	•	•	•	•	•

Comprehensive installation documents are available by request to our sales office.

Rolls

**A comprehensive range of
Weldmesh security rolls
available in three specifications**

Weldmesh® Security Rolls

Benefits

Built in rigidity

Weldmesh provides a rigid fence manufactured from 2.50 or 3.00mm diameter wire.

Versatile

Weldmesh is a well proven popular, versatile and easy to erect fencing suitable for a wide variety of applications. Available in either 50 x 50mm square mesh or 75 x 25mm rectangular mesh and in heights from 900 – 3000mm.

Easy to use

A professional product of high quality that is easy to use and can be installed efficiently and rapidly on any type of steel, concrete or even timber posts.

Wide range of applications

Weldmesh security rolls are designed to cover the broadest spectrum of applications in almost every category of the fencing market.

Applications

All types of perimeter security applications including commercial/industrial through to highways, utilities and airports, Sports, leisure and play areas

Mesh

Supplied standard in rolls of either 25 m or 12.5 m depending on specification.
Manufactured from 2.50 or 3.00 mm diameter wire and available in either 50.8 x 50.8mm square mesh or 76.2 x 25.4mm rectangular mesh.
Heights from 900 – 3000mm.
Manufactured from pre-galvanised wire.

Security

Weldmesh Security Rolls satisfy the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Gates

Weldmesh can be supplied complete with Nylofor or Robusta swing and/or sliding gates for optimal protection.

Coating

Weldmesh rolls are supplied with a galvanised finish.

ASSORTMENT WELDMESH		
Rolls		
Fence height mm	Height x length m	mesh x wire mm
LIGHT		
914	0.9 x 25	50.8 x 50.8 x 2.5
1220	1.2 x 25	50.8 x 50.8 x 2.5
1372	1.4 x 25	50.8 x 50.8 x 2.5
1524	1.5 x 25	50.8 x 50.8 x 2.5
1829	1.8 x 25	50.8 x 50.8 x 2.5
2134	2.1 x 12.5	50.8 x 50.8 x 2.5
2438	2.4 x 12.5	50.8 x 50.8 x 2.5
MEDIUM		
914	0.9 x 25	50.8 x 50.8 x 3
1220	1.2 x 25	50.8 x 50.8 x 3
1372	1.4 x 25	50.8 x 50.8 x 3
1524	1.5 x 25	50.8 x 50.8 x 3
1829	1.8 x 25	50.8 x 50.8 x 3
2134	2.1 x 25	50.8 x 50.8 x 3
2438	2.4 x 25	50.8 x 50.8 x 3
2692	2.7 x 12.5	50.8 x 50.8 x 3
2997	3 x 12.5	50.8 x 50.8 x 3
HEAVY		
914	0.9 x 25	76.2 x 25.4 x 3
1220	1.2 x 25	76.2 x 25.4 x 3
1372	1.4 x 25	76.2 x 25.4 x 3
1524	1.5 x 25	76.2 x 25.4 x 3
1829	1.8 x 25	76.2 x 25.4 x 3
2134	2.1 x 25	76.2 x 25.4 x 3
2438	2.4 x 25	76.2 x 25.4 x 3
2743	2.7 x 12.5	76.2 x 25.4 x 3
2997	3 x 12.5	76.2 x 25.4 x 3

Rolls

The Fortinet System is a total system, composed of plastic coated fence on rolls ideal for industrial buildings, airports and military sites.

Fortinet®

Benefits

Rigidity

A rigid fence, constructed from welded wire mesh.

High longevity

The wire is galvanised, resistance welded at every intersection and plastic coated with maximum adhesion.

Complete system

The Fortinet system is a complete system with a range of fence heights and a wide assortment of innovative swing and sliding gates.

Applications

	Medium	Super
Parks	•••	••
Schools	•	••
Sportstadia	••	••
Warehouses	•	••
Industrial buildings	••	•••
Public buildings	••	••
Airports	••	•••
Military sites	••	•••

• Possible - •• Recommended - ••• Ideal

Fortinet Medium

Fortinet Super

Wire Mesh

Welded mesh (50 x 50 mm), from galvanised wire, electrically welded at every intersection and then plastic coated. The horizontal wires have a crimp at every mesh. Rolls 150 cm and higher have barbs of 25 mm at one side, to be placed at the top or the bottom. Length of rolls: 25 m

Coating

The rolls are made out of galvanised wires. A pre-treatment process garantuees a perfect PVC coating adhesion to the product surface.

Gates

The Fortinet system is completed by a range of Robusta: single and double swing and sliding gates.

Security

Fortinet satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences.

Colours

Fence: green 6073

TYPES FORTINET					
		Wire Ø		Tensile strength of wire	
Type	Mesh dimension mm	Horizontal mm	Vertical mm	Horizontal	Vertical
Fortinet Medium	50 x 50	2,95	2,95	400 - 550 N/mm²	650 - 850 N/mm²
Fortinet Super	50 x 50	3,50	3,50	400 - 550 N/mm²	600 - 800 N/mm²

ASSORTMENT FORTINET MEDIUM	ASSORTMENT FORTINET SUPER
Total height mm	Total height mm
1020	–
1220	–
1500	1500
1800	1800
2010	2010
2510	2510

Access control

Single and double Robusta swing gates with tubular infill, adapted posts, hinges, lock and ground bolt system.

Swing Gates

Benefits

Rigid construction

All elements of the Swing gates are of an extremely rigid construction: frame, square bars and post system.

Infill options

Four infill options are available to allow the gate to match your chosen fence option. All infill options are fully welded within the gate frame.

Optimal setting

The locking system allows optimal setting and is easy to install.

Fully adjustable hinges

The hinges are adjustable and allow each leaf to swing through 180°.

High quality coating

Betafence Swing gates receive the best coating that exists today.

Rapid installation

Betafence Swing gates are designed for quick installation.

Applications

The industrial swing gates are recommended wherever industrial safety and security are crucial: factories and workshops, administrative centres, public buildings, play and sport grounds, schools, parks, airports and military sites.

Gates

Single and double leaf manually operated. Robusta gates are purpose designed to minimise the number of components for fence assembly. All gates are supplied complete with instructions for assembly and erection.

Accessories

Concealed mortice lock fitted inside of frame with interlocking slam plates to prevent levering apart. Handle or key operated supplied with profiled cylinder lock and 3 keys

Slip latch option available.

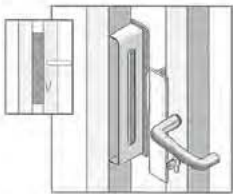**Fully adjustable hinges**, rear hung to prevent tampering.

Lockable ground bolts on single and double gates.
Anti-lift brackets on double leaf gates only.

Standard gate available inward opening.

All gates supplied as free standing posts. N.B. additional fence posts required.

Optional serrated topping to deter scaling.

Lock system.   Adjustable hinge.

Infill options

Robusta   Paladin   Nylofor F   Securifor

Coating

Galvanised and polyester coated.

CE Marked

Swing Gates are CE marked according to the European directive:
Construction products directive (89/106/CE) and type tested according to standard EN 13241-1 for Industrial, commercial and garage doors and gates.

Colours

Standard colours are Green RAL6005 and Black RAL9005.
Other colours available on request.

CE

ASSORTMENT SWING GATES					
Height mm	Widths mm	Infill options			
		Robusta	Nylofor F	Paladin	Securifor
Single leaf gates					
1000	1000/1200/1500	•	•	•	•
1200	1000/1200/1500	•	•	•	•
1500	1000/1200/1500	•	•	•	•
1800	1000/1200/1500	•	•	•	•
2000	1000/1200/1500	•	•	•	•
2400	1000/1200/1500	•	•	•	•
Double leaf gates					
1000	2000/3000/4000/5000	•	•	•	•
1200	2000/3000/4000/5000/6000	•	•	•	•
1500	2000/3000/4000/5000/6000/7000/8000	•	•	•	•
1800	2000/3000/4000/5000/6000/7000/8000	•	•	•	•
2000	2000/3000/4000/5000/6000/7000/8000	•	•	•	•
2400	2000/3000/4000/5000/6000/7000/8000	•	•	•	•

Comprehensive installation documents are available by request to our sales office.

Access control

Robusta bottom track sliding gates have guiding post bridge, plus closing post bridge with intergrated lock.

Robusta® sliding gates on rail

Benefits

Security of operation

Robusta gates are extremely rigid due to their section and the welded construction.

Safety

The distance between the vertical bars is 110mm, to prevent climbing through. Fitting the motorisation and the roller system in the underbeam also avoids accidents. The total rolling system is integrated in the underbeam.

Complete system

The sliding gate on rail can also be used in conjunction with Robusta Swing gates.

Harmony

Robusta gates integrate completely with all styles of architecture.

Applications

Robusta sliding gates are suitable everywhere where operational safety and security have priority: factories and workshops, administrative centers, public buildings, play and sports grounds, public parks, airports and military sites.

Gate Wing

Frame constructed with an underbeam 180 x 80 x 5mm (6,5 to 12m), 140 x 60 x 3mm (3 to 6m) and welded frame 60 x 60 x 2mm.
Bars 25 x 25 x 1,5mm welded with a distance of 110 mm between the bars.
Provided with a cylinder lock. Integrated roller diameter 150mm.
Rail type 65 x 25mm. Security topping optional for all heights.

Guiding of the gate

Guiding posts bridge & end posts bridge of 80 x 80 x 3mm with welded groundplates. Two guiding bridges in the case of free entrance 8m.

Specific applications

The gates can be motorised. Specific executions on demand.

Coating

Robusta gates are treated with the best coating processes existing today: galvanised in and outside (minimum 275 g/m², 2 sides combined).
Afterwards an adhesion coating (epoxy) is applied and finally the gates are plastic coated (polyester) (min. 120 micron both layers together).

Colours

Green RAL 6005 - White RAL 9010 - Grey RAL 7030 - Other colours: on request.

CE Marked

Robusta gates are CE marked according to the European directive: Construction products directive (89/106/CE) and type tested according to standard EN 13241-1 for Industrial, commercial and garage doors and gates.

ROBUSTA SLIDING GATES ON RAILS

Width x height mm	Gate height from foundation mm	Wing height mm	Post height mm	Wing width mm	Free passage mm	Overall length required mm
3000 x 1000	1078	1031	1156	3318	3028	6575
3000 x 1200	1281	1234	1359	3318	3028	6575
3000 x 1500	1559	1512	1637	3318	3028	6575
3000 x 1700	1792	1745	1870	3318	3028	6575
3000 x 2000	2032	1985	2110	3318	3028	6575
3000 x 2400	2452	2405	2530	3318	3028	6575
4000 x 1000	1078	1031	1156	4398	4108	8735
4000 x 1200	1281	1234	1359	4398	4108	8735
4000 x 1500	1559	1512	1637	4398	4108	8735
4000 x 1700	1792	1745	1870	4398	4108	8735
4000 x 2000	2032	1985	2110	4398	4108	8735
4000 x 2400	2452	2405	2530	4398	4108	8735
5000 x 1000	1078	1031	1156	5478	5188	10895
5000 x 1200	1281	1234	1359	5478	5188	10895
5000 x 1500	1559	1512	1637	5478	5188	10895
5000 x 1700	1792	1745	1870	5478	5188	10895
5000 x 2000	2032	1985	2110	5478	5188	10895
5000 x 2400	2452	2405	2530	5478	5188	10895
6000 x 1000	1078	1031	1156	6288	5998	12515
6000 x 1200	1281	1234	1359	6288	5998	12515
6000 x 1500	1559	1512	1637	6288	5998	12515
6000 x 1700	1792	1745	1870	6288	5998	12515
6000 x 2000	2032	1985	2110	6288	5998	12515
6000 x 2400	2452	2405	2530	6288	5998	12515
7000 x 1000	1078	1031	1156	7503	7213	14945
7000 x 1200	1281	1234	1359	7503	7213	14945
7000 x 1500	1559	1512	1637	7503	7213	14945
7000 x 1700	1792	1745	1870	7503	7213	14945
7000 x 2000	2032	1985	2110	7503	7213	14945
7000 x 2400	2452	2405	2530	7503	7213	14945
8000 x 1000	1078	1031	1156	8448	8158	16835
8000 x 1200	1281	1234	1359	8448	8158	16835
8000 x 1500	1559	1512	1637	8448	8158	16835
8000 x 1700	1792	1745	1870	8448	8158	16835
8000 x 2000	2032	1985	2110	8448	8158	16835
8000 x 2400	2452	2405	2530	8448	8158	16835
9000 x 1000	1078	1031	1156	10338	9068	19635
9000 x 1200	1281	1234	1359	10338	9068	19635
9000 x 1500	1559	1512	1637	10338	9068	19635
9000 x 1700	1792	1745	1870	10338	9068	19635
9000 x 2000	2032	1985	2110	10338	9068	19635
9000 x 2400	2452	2405	2530	10338	9068	19635
10000 x 1000	1078	1031	1156	11418	10148	21795
10000 x 1200	1281	1234	1359	11418	10148	21795
10000 x 1500	1559	1512	1637	11418	10148	21795
10000 x 1700	1792	1745	1870	11418	10148	21795
10000 x 2000	2032	1985	2110	11418	10148	21795
10000 x 2400	2452	2405	2530	11418	10148	21795
12000 x 1000	1078	1031	1156	13308	12038	25575
12000 x 1200	1281	1234	1359	13308	12038	25575
12000 x 1500	1559	1512	1637	13308	12038	25575
12000 x 1700	1792	1745	1870	13308	12038	25575
12000 x 2000	2032	1985	2110	13308	12038	25575
12000 x 2400	2452	2405	2530	13308	12038	25575
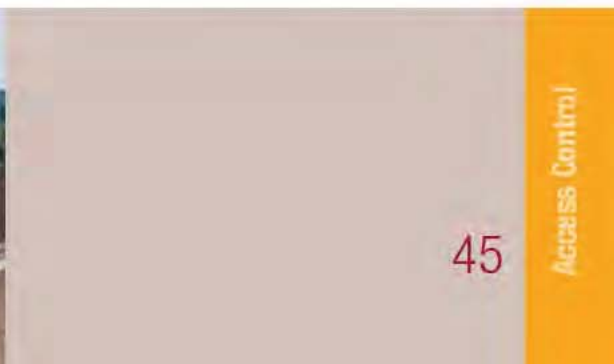
IB BETAFENCE

Access control

The design, construction and finish of Robusta cantilever sliding gates are the result of the practical experience of professional installers backed by the technological know-how of Betafence.

Robusta® cantilever sliding gates

Benefits

Extensive range
There are 2 versions of cantilever sliding gate, the choice being determined by the size of the opening required. Each of the 2 types of gate, from 3 to 12m, can be equipped with Bekamatic motorisation.

Safety
The distance between the vertical bars is 110mm, to prevent climbing through. Fitting the roller system in the gate also avoids accidents.

Complete system
The cantilever sliding gate can also be used in conjunction with Swing gates and Robusta panels.

Harmony
Robusta gates integrate completely with all styles of architecture.

Security of Operation
Robusta gates are extremely rigid due to their section and the welded construction.

Ingenious tension system
An ingenious tension system is integrated in the frame of the cantilever sliding gates to guarantee a perfect line at all times.

Pre-assembled
Robusta cantilever sliding gates are fully pre-assembled at the factory to ensure a rapid and trouble free installation on the site. All gates are delivered on crane off-load vehicles.

Applications

Robusta cantilever sliding gates are suitable everywhere where operational safety and security have priority: factories and workshops, administrative centers, public buildings, play and sports grounds, public parks, airports and military sites.

Gate wing

- Welded structure.
- Provided with a cylinder lock (for manual gates)
- Security topping optional for all heights.
- The frame is provided at the top and the bottom with guiding rolls for a perfect entering in the end post bridge.
- Two sets of rolls in the underbeam for horizontal and vertical guiding.
- Some types of gates have a roll to support the gate in open condition.

Guidance of the gate

- Guiding posts and end posts with welded ground plates.
- The guiding posts have 2 guiding rolls at the top and an integrated baseplate for the installation of 1 set of guiding rolls that is situated in the underbeam.
- Special guiding posts with integrated electronics are used for motorisation.
- The end posts of the not motorised gate have a lock system integrated.

Tension system

An aesthetic tensioning system integrated in the frame guarantees a perfect line of the gate.
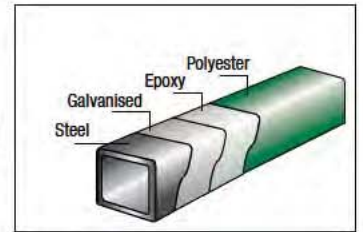
Coating

Robusta gates are treated with the best coating processes existing today: galvanised in and outside (minimum 275 g/m², 2 sides combined). Afterwards an adhesion coating is applied (epoxy) and finally the gates are plastic coated (polyester) (min. 120 micron both layers together).

Colours

Green RAL 6005 - White RAL 9010 - Grey RAL 7030
Other colours: on request.

| TECHNICAL DETAILS		
	Robusta 2000	Robusta 2800
Free passage	3 up to 7 m	8 up to 12 m
Underbeam	200 x 160 x 5 mm	280 x 200 x 5 mm
Frame	80 x 60 x 2 mm top side	100 x 100 x 3 mm top side
Frame	80 x 60 x 3 mm (7,5-9 m) vertical	100 x 80 x 3 mm vertical
Infill frame	25 x 25 x 1,5 mm	30 x 30 x 1,5 mm
Distance between bars	110 mm	110 mm
Guiding post bridge Manual	80 x 80 x 3 mm post bridge	100 x 100 x 3 mm post bridge
Motorised	integrated Bekamatic post inside 100 x 100 x 3 mm outside	integrated Bekamatic post inside 180 x 80 x 5 mm outside
End post bridge	80 x 80 x 3 mm post bridge	100 x 100 x 3 mm post bridge
Support roll (open position)	all types	all types

BETAFENCE

Robusta® cantilever sliding gates

R 2000
R 2800

ASSORTMENT ROBUSTA CANTILEVER SLIDING GATES

Opening x height mm	Weight kg	Gate height from foundation mm A	Wing height mm B	Post height mm C	Wing width mm D	Free passage mm E	Overall length required mm F
3000 x 1000	238	1076	991	1156	4650	3058	8048
3000 x 1200	250	1279	1194	1359	4650	3058	8048
3000 x 1500	265	1557	1472	1637	4650	3058	8048
3000 x 1700	280	1790	1705	1870	4650	3058	8048
3000 x 2000	297	2030	1945	2110	4650	3058	8048
4000 x 1000	270	1076	991	1156	5918	4003	10261
4000 x 1200	283	1279	1194	1359	5918	4003	10261
4000 x 1500	300	1557	1472	1637	5918	4003	10261
4000 x 1700	317	1790	1705	1870	5918	4003	10261
4000 x 2000	336	2030	1945	2110	5918	4003	10261
5000 x 1000	298	1076	991	1156	7000	4948	12288
5000 x 1200	312	1279	1194	1359	7000	4948	12288
5000 x 1500	332	1557	1472	1637	7000	4948	12288
5000 x 1700	350	1790	1705	1870	7000	4948	12288
5000 x 2000	372	2030	1945	2110	7000	4948	12288
6000 x 1000	339	1076	991	1156	8410	6028	14778
6000 x 1200	355	1279	1194	1359	8410	6028	14778
6000 x 1500	377	1557	1472	1637	8410	6028	14778
6000 x 1700	397	1790	1705	1870	8410	6028	14778
6000 x 2000	421	2030	1945	2110	8410	6028	14778
6000 x 2400	521	2450	2365	2530	8410	6028	14778
7000 x 1000	379	1076	991	1156	9635	7108	17083
7000 x 1200	396	1279	1194	1359	9635	7108	17083
7000 x 1500	419	1557	1472	1637	9635	7108	17083
7000 x 1700	440	1790	1705	1870	9635	7108	17083
7000 x 2000	470	2030	1945	2110	9635	7108	17083
7000 x 2400	583	2450	2365	2530	9635	7108	17083
8000 x 1000	653	1076	991	1156	10925	7820	19105
8000 x 1200	681	1279	1194	1359	10925	7820	19105
8000 x 1500	720	1557	1472	1637	10925	7820	19105
8000 x 1700	754	1790	1705	1870	10925	7820	19105
8000 x 2000	796	2030	1945	2110	10925	7820	19105
8000 x 2400	853	2450	2365	2530	10925	7820	19105
9000 x 1000	728	1076	991	1156	12600	8900	21860
9000 x 1200	756	1279	1194	1359	12600	8900	21860
9000 x 1500	797	1557	1472	1637	12600	8900	21860
9000 x 1700	833	1790	1705	1870	12600	8900	21860
9000 x 2000	878	2030	1945	2110	12600	8900	21860
9000 x 2400	940	2450	2365	2530	12600	9845	21860
10000 x 1000	781	1076	991	1156	13700	9845	23905
10000 x 1200	814	1279	1194	1359	13700	9845	23905
10000 x 1500	859	1557	1472	1637	13700	9845	23905
10000 x 1700	901	1790	1705	1870	13700	9845	23905
10000 x 2000	950	2030	1945	2110	13700	9845	23905
10000 x 2400	1017	2450	2365	2530	13700	9845	23905
11000 x 1000	850	1076	991	1156	15070	11060	26490
11000 x 1200	885	1279	1194	1359	15070	11060	26490
11000 x 1500	933	1557	1472	1637	15070	11060	26490
11000 x 1700	978	1790	1705	1870	15070	11060	26490
11000 x 2000	1030	2030	1945	2110	15070	11060	26490
11000 x 2400	1103	2450	2365	2530	15070	11060	26490
12000 x 1000	886	1076	991	1156	15300	11600	27260
12000 x 1200	823	1279	1194	1359	15300	11600	27260
12000 x 1500	973	1557	1472	1637	15300	11600	27260
12000 x 1700	1021	1790	1705	1870	15300	11600	27260
12000 x 2000	1077	2030	1945	2110	15300	11600	27260
12000 x 2400	1153	2450	2365	2530	15300	11600	27260

Cantilever sliding gate

49
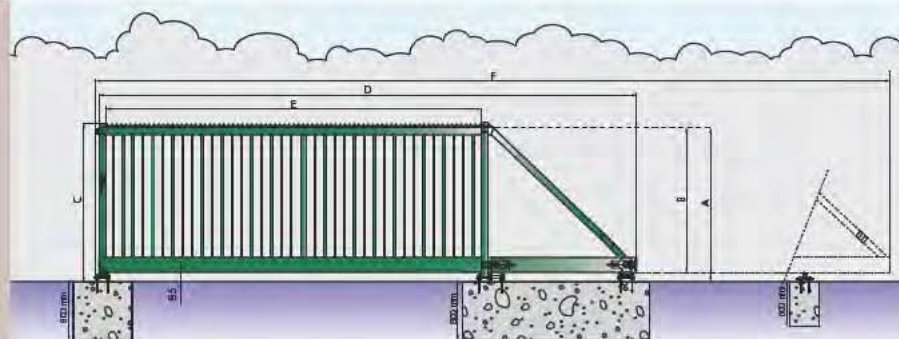
Motorisation Bekamatic

BETAFENCE

Access control

Bekamatic Industry motorisation is specially developed by Betafence for the automation of Robusta cantilever sliding gates.

Bekamatic® Industry Motorisation

Benefits

Integrated

The Bekamatic Industry motorisation as well as the steering are integrated in the gate, at the factory. This results in a motorised cantilever sliding gate with an attractive design and guarantees a silent operation.

Security of operation

Integration of the drive motor in the gate and the electronic controls in an integral cabinet offer two innovative advantages: improved protection against climatic conditions and vandalism.

Access Control

The controls can be adapted to suit every project and to the demands of the customer. There are many options: key switch, button with three functions, RF-remote control, key pad, magnetic card reader, gate light, videophone/parlophone control, timer clock, etc.

Maximum security

To avoid the risk of trapping people or objects, Robusta motorised gates are equipped with special security precautions.

Pre-assembled

The installation of the Robusta Cantilever gates is fast and eliminates assembly errors as the gate is delivered pre-assembled.

Applications

Especially for industry and situations where access control is recommended.

Bekamatic Industry Motorisation

Betafence developed the Bekamatic Industry motorisation. In this case, the motor/reductor is integrated in the guiding post. This type of automation guaruntees a perfect operation in the most extreme conditions.

A mechanical locking system prevents the gate from being opened manually once the gate has been automatically closed.

Manual unlocking system

A manual override system disconnects the motor from the gate and permits manual opening and closing of the gate.

Controller

Betafence has developed a high quality steering unit.
A control unit with microprocessor manages the general functions and contains the control logic. A separate unit contains the special functions for acces control.

Maximum Security

Robusta motorised cantilever sliding gates comply with:
- The Machine Directive
- The Low voltage Directive
- The EMC Directive
- Construction Products Directives (CPD)

Also TÜV certified: this certification confirms that the gates comply with the requirements of the European Standard EN 12453 in every aspect of mechanical, motorisation, electronics and security specifications.

Photocells

The passage of the gate is controlled by means of photocells. In case of activating the cells, the gate will completely open again.
The photocells are installed at the guiding posts and end post.
At the inside of the site: 60 cm high at the outside of the fence or 25 cm high.

Pressure strips

The front of the gate wing is fitted with a pressure strip. The guiding post of the Robusta Bekamatic gate is also fitted with 4 pressure strips: two at the front and two at the back side.
Any contact with the pressure strips immediately stops and reverses the movement of the gate. At the street side one of the pressure strips can be replaced by a Securifor panel system.

Security stop

The gates are equipped with a main switch (yellow/red) through which the power supply can be isolated.

Access control

The controls are designed to be adapted to the special demands of the customer.
A choice of multiple access control accessories are installed at the request of the customer: key switch, RF- remote control, key pad, proximity card reader, flashlight on the gate post, digital code keypad, videophone/parlophone, timer clock, induction loop detector. These elements are installed on the guiding post, the end post, or on a separate column on request.

CE marked

Bekamatic motorized gates are CE marked according to the European directive: Construction products directive (89/106/EC), low voltage directive (73/23/EEG), EMC directive (2004/108/EG), Machine directive (98/37/EG) and type tested according to standard EN 13241-1 for industrial, commercial and garage doors and gates.

$C\epsilon$

BETAFENCE

VISITORS ANNOUNCE HERE
OPEN
7.45u - 12.00u
12.45u - 16.30u

Access control

Betafence turnstiles are a part of the range of products to provide total access control in combination with our range of professional fencing systems.

Turnstiles

Benefits

Complete assortment

Automatic, semi-automatic or manual operation. For industrial use, sport stadiums, and parks.

Reliability

Durable design with advanced electronic controls and motorisation.

Unique concept, linked to an easy installation.

Access control

The electronic controls can be programmed to suit every project or special requirements of the customer.

Optional equipment for turnstiles: card reader, key pad, parlophone, videophone, registration.

Quality

Innovative design. Mechanical components made out of stainless steel or aluminium and polyester coated.

Silent operation.

Applications

Especially for industrial perimeter protection and also for pedestrian control.

Access control

Betafence barriers are a part of the range of products to provide total access control in combination with our range of professional fencing systems.

Barriers

Benefits

Complete assortment
Automatic operation for openings up to 10 m, using the same motorisation and electronic controls for the different types available. Manual barriers available for openings up to 7m.

Reliability
Durable design with advanced electronic control and motorisation.
Standard: 230 Volts monophase, optional: 3 phase - 230/400 VAC

Access control
The electronic control can be programmed to suit every project or special requirements of the customer.
A wide range of options is available: induction loop detection, photo-cells, key switch, RF-remote control, timer clock, card reader, key pad, coin receiver, parlophone, videophone.

Quality
Stainless steel housing, with polyester powder coated finish. Complete with integral cast aluminium mechanical platform.
Electronic control enclosure IP54.
Polygone form aluminium arm, white plastic coated with red reflexion strips.

Applications

Specially for industrial surroundings and situations where access control is required.

Temporary Fences

Fencing systems for temporary protection and control of people, vehicles and goods.

Tempofor®

Benefits

Quality and durability

The panels are made out of pre-galvanised materials for a long-lasting corrosion protection in all weather conditions. Each wire is separately welded onto the frame. This high quality construction in combination with the galvanised tubes guarantees a long life.

Flexibility

A wide assortment of panels and accessories provides a solution for any temporary security need. Different connection systems and logistic possibilities offer flexibility in transport and installation.

Professional appearance

Betafence quality considerably increases the appearance of your construction site or event, and thus also determines your image on the street.

Applications

For temporary protection and control of people, vehicles and goods on construction sites & events, in traffic and industry situations.
Protection against theft, accidents and vandalism
Crowd and traffic control
View prevention

Tempofor F range

F1: Economy panel 2m high Round top or Rectangular top 3 finish options

F2 Secure: Anticlimb panel 2m high Round top or Rectangular top three finish options

F3: standard mobile fence panel with extra horizontal tube for more rigidity

F3 Maxi: mobile fence panel of 2,45 m height with extra horizontal tube and smaller mesh size

Tempofor B range

View prevention into construction site or events. Heavy duty, hot-dipped galvanised steel frame with profiled & coated steel plate infill. Available in several colour combinations (white, blue, red), other colours on request. Compatible with standard mobile fence panels and accessories. Use of braces obligatory.

B1: Standard panel of 1,2 m height

B2: Standard panel of 2,0 m height

B3: Semi-closed version of 2,0 meter height

Tempofor C range

C1: Guiding panel with reinforced upper guiding rail for crowd control.

C2: standard crowd barrier

C2 Medium: light crowd barrier

C3: police barrier, maximum stability for controlling big crowds, foldable

C3 Medium: light police barrier

C4: heavy duty stage barrier for crowd control in front of stages, foldable

Mobile crowd guidance system: for effective entry control to events.

Tempofor F2 Secure – Round Top

Tempofor F2 Secure – Rectangular Top

Tempofor B3

TEMPOFOR F-RANGE

Type	Top Corner Detail	Description	Dimensions WxH mm	Mesh size WxH mm	Wire dia. hor. mm	Wire dia. vert. mm	Tube dia. hor. mm	Tube dia. vert. mm	Corner Brace
F1 SUPER	ROUND TOP	economy panel	3450x2000	83x365	3.5	2.5	38	38	3
F1 SUPER	RECTANGULAR	economy panel	3450x2000	83x365	3.5	2.5	38	38	3
F1 MEDIUM	ROUND TOP	economy panel	3450x2000	83x365	3.5	2.5	38	38	–
F1 MEDIUM	RECTANGULAR	economy panel	3450x2000	83x365	3.5	2.5	38	38	–
F1 LIGHT	ROUND TOP	economy panel	3450x2000	83x365	3.5	2.5	38	38	–
F1 LIGHT	RECTANGULAR	economy panel	3450x2000	83x365	3.5	2.5	38	38	–
F2		standard panel	3450x2000	42x260	3.5	2.5	25	38	
F2		single leaf gate	1000x2000	42x260	3.5	2.5	25	38	
F2 SECURE SUPER	ROUND TOP	anticlimb panel	3450x2000	42x260	3.5	2.5	38	38	3
F2 SECURE SUPER	RECTANGULAR	anticlimb panel	3450x2000	42x260	3.5	2.5	38	38	3
F2 SECURE MEDIUM	ROUND TOP	anticlimb panel	3450x2000	42x260	3.5	2.5	38	38	–
F2 SECURE MEDIUM	RECTANGULAR	anticlimb panel	3450x2000	42x260	3.5	2.5	38	38	–
F2 SECURE LIGHT	ROUND TOP	anticlimb panel	3450x2000	42x260	3.5	2.5	25	38	–
F2 SECURE LIGHT	RECTANGULAR	anticlimb panel	3450x2000	42x260	3.5	2.5	25	38	–
F2 SECURE GATE	–	double leaf gate	7000x2000	42x260	3.5	2.5	25	38	–
F2 SECURE GATE	–	double leaf gate	5000x2000	42x260	3.5	2.5	25	38	–
F2 SECURE GATE	–	double leaf gate	4000x2000	42x260	3.5	2.5	25	38	–
F2 SECURE GATE	–	double leaf gate	3500x2000	42x260	3.5	2.5	25	38	–
F2 SECURE GATE	–	single leaf gate	2000x2000	42x260	3.5	2.5	25	38	–
F2 SECURE GATE	–	single leaf gate	1000x2000	42x260	3.5	2.5	25	38	–
F3	–	standard panel	3454x2000	100x300	4	3.5	27.0x1.5	41.5x1.5	–
F3	–	intermediate panel	2200x2000	100x300	4	3.5	27.0x1.5	41.5x1.5	–
F3	–	gate	1200x2000	100x300	4	3.5	27.0x1.5	41.5x1.5	–
F3 MAXI	–	extra high panel	3454x2450	50x300	4	3.5	27.0x1.5	41.5x1.5	–

TEMPOFOR B-RANGE

Type	Description	Dimensions WxH mm	Horizontal profiles Bottom (2xL) mm		Top (U) mm	Tube dia. vert. mm
B1	standard panel blue	2160 X 1200	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel white	2160 X 1200	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel red	2160 X 1200	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel white/blue	2160 X 1200	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel white/red	2160 X 1200	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel blue/red	2160 X 1200	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
B2	standard panel blue	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel white	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel red	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel yellow	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel white/blue	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel white/red	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel white/yellow	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel blue/yellow	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel blue/red	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel red/yellow	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
B3	standard panel blue	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel white	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel red	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel white/blue	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel white/red	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5
	standard panel blue/red	2160 X 2072	60x35x1.5	60x35x1.5	60x40x1.5	41.5x1.5

TEMPOFOR C-RANGE

Type	Description	Dimensions WxH mm	Mesh size WxH mm	Wire dia. hor. mm	Wire dia. vert. mm	Tube dia. hor. mm	Tube dia. vert. mm
C1	guiding panel	3454 X 1200	100x300	4	3.5	41.5x1.5	41.5x1.5
C2	crowd barrier	2460 x 1100	–	tube dia. 16		38.5x1.5	38.5x1.5
C2 LIGHT	light crowd barrier	2460 x 1100	–	tube dia. 13		25.0x1.8	25.0x1.8
C3	police barrier	2088 x 1100	–	tube dia. 20		33.7x2.6	33.7x2.6
C3 LIGHT	light police barrier	2110 x 1100	–	–		33.7x2.6	33.7x2.6
C4	stage barrier	1090 x 1250	–	–		–	–

Mobile turnstile for events and building sites in galvanised execution.

Connectors

Connector

Security connector + tool

Accessories

Concrete block

PVC block

Red signalisation block

Mobile plate

Ground anchor

Anti-lift set

Hinge set

Ring

Wheel

Ground pin

Barbed wire holder Y

Barbed wire holder

Curtain 3,5 m / 20 m
blue/black/white

Brace

Publicity panel

Logistics

Transport System KP25 for F panels and/or blocks

Gabions

Unique Hesco Concertainer™ Gabions can be assembled more quickly than ever - 25% faster assembly than other gabion systems.

Hesco Concertainer Gabions

Benefits

Fast cost effective installation

The Hesco Concertainer™ Gabion System offers the most cost effective and rapidly deployed retaining wall system. The Hesco Concertainer™ Gabion System is the only system available in the market to feature factory fitted helical joints for the quickest possible assembly time. Additional accessories are also available on request to further reduce assemble and installation time. This makes it the ideal solution for many public infrastructure works. Manufactured from Weldmesh™ produced in the UK, Weldmesh™ Concertainer™ Gabions are available in both Galvanised and PVC coated finishes.

Certification

All products carry BBA and CE certification and conform to all relevant British and European specifications.

Assurance

- 25% faster assembly than other gabion systems
- Most cost effective solution
- BBA and CE certification
- Quality assurance (EN ISO 9001: 2000)
- Inherent strength

- Confidence throughout use
- 100% recyclable
- Widely available
- Comprehensive range of size options
- Options on finish

Applications

Architectural and landscaping
Retaining walls
Embankment stabilisation
Shore protection, rivers, reed beds and channel linings
Prevention of movement or migration of stone
Rapid deployment flood protection barriers
Perimeter walls

All Welded Construction

Betafence Concertainer™ Gabion's benefit from superior welding technology. The horizontal and vertical wires are electrically welded at each intersection to give maximum rigidity and strength.

Wire Diameters

A variety of wire diameters are available, 3mm and 4.55mm Galvanised or 2.70 and 3.80mm PVC coated.

Mesh and fill

The mesh configuration is nominally 75mm x 75mm and all gabions should be filled with a Frost resistant durable stone such as limestone or granite of block size 100-200mm.

Quality

Weldmesh™ products are manufactured in an environment covered by EN ISO 9001:2000 and our material content, quality and coatings are consistently delivered to exacting specifications. Factory procedures at Sheffield also conform to environmental standard BS EBN ISO 14001: 1996. All products carry BBA and exclusively carry CE certification.
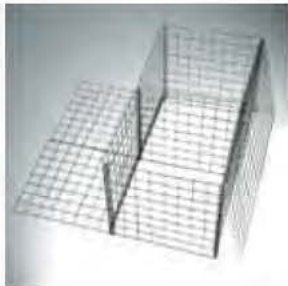
Assembly details

Flatpack

Concertainer™ Gabions are delivered in flat pack format to the site. All the vertical edges are pre-joined using helicals. Helicals can also be used instead of lacing wire to close the lid and base. This increases the quality and speed of installation.

Extending to full length

Take Concertainer™ Gabion and extend it to its full length. The base and lid panels of our standard units have already been fastened on one side by us. There are enough helicals delivered with the basket to finish off the base.

Joining adjacent Gabions

Place the empty Gabions in position and join them by clasping the helicals together and sliding a locking pin through them.

Fitting internal cross bracing

So that the Gabions don't bulge when being filled, they must be fitted with bracing ties. You will save a lot of time if you use prefabricated bracing ties. Bracing ties are used at third and two-thirds height positions, four ties per square metre of face.

After filling

After filling using the lacing wire provided secure all lid panels, and if there are additional courses, each course should be laced together horizontally both front and rear.

STANDARD SIZES	
Size (nominal)	Available wire sizes
1m x 1m x 0.5m	3mm, 4.55mm Zincalu coated
1m x 1m x 1m	
1.5m x 1m x 1m	3mm with 4.5mm To face panel
2m x 1m 1m	2.70mm/3.20mm PVC coated galvanised mesh
2m x 1m x 0.5m	
2m x 1.5m x 1m	3.80/4.30mm PVC coated galvanised mesh

Bespoke sizes and mesh configurations are available and are made to order on request.

BETAFENCE

Weldmesh

A range of standard panels in self colour (copper washed) or galvanised wire for immediate delivery to the industrial user.

Weldmesh™ Heavy

Benefits

Industrial Protection

The use of Betafence Weldmesh™ Heavy in industrial environments is constantly increasing, particularly in the areas of safety, security, storage and for building and construction. The diameter of the wire can be as large as 6mm and is supplied in a standard range of panels. It is easy to work with and is easily combined with other materials. This makes Weldmesh™ multifunctional and can be used in all types of applications.

Solutions

Betafence Weldmesh™ Heavy is easy to work with and is easily combined with other materials. Weldmesh™ is multifunctional and can be used in conjunction with wood, angle iron, slotted or punched angle and steel tube. The use of Weldmesh™ in industrial applications is extensive and joint development programs with end users and specifiers are frequently undertaken. From concept to design, Betafence can guide you towards the right Weldmesh™, ready to integrate within your chosen product or application. Betafence technical experts are at hand for co-development.

- Inherent strength • Forms its own selvedge when cut • Quality assurance (EN ISO 9001: 2000)
- Confidence throughout use • Comprehensive range of mesh configurations • Minimum waste
- Widely available • Options on finish

Applications

Machine Guards
Stairways and balustrades and walkways
Scaffold guards and safety barriers
Filters
Window guards and grills
Cages and aviaries
Poultry and pig floors
Shelving, racking and partitioning
Rock fall protection

All Welded Construction

Weldmesh™ benefits from superior welding technology. The horizontal and vertical wires are electrically welded at each intersection to give maximum rigidity and strength.

Coatings

Manufactured from bright drawn mild steel wire, the following coatings are possible. **Self colour** (copper washed), **pre-galvanised,** and **galvanised** after manufacture. Weldmesh™ from stainless steel is available by application for specialist applications.

Self Colour Weldmesh™

Self colour Weldmesh™ is supplied with a copper washed finish. However, on bulk orders, it is possible to have bright drawn mild steel without the coppered finish.

Galvanised Weldmesh™

Galvanised Weldmesh™ is hot dip galvanised to the highest standards. Pre-galvanised Weldmesh™ (mesh made from galvanised wire) can also be produced upon request.

Panels and Rolls

Manufactured in a standard range of roll and panel options. For other sizes a cut to size service is available.

Wire Diameters

Weldmesh™ is produced from wire as fine as 0.55mm or as heavy as 6mm.

Mesh

Weldmesh™ is produced with apertures as small as 6 x 6mm or as large as 100 x 100mm.

Quality

Weldmesh™ products are manufactured in an environment covered by EN ISO 9001:2000 and our material content, quality and coatings are consistently delivered to exacting specifications. Factory procedures at Sheffield also conform to environmental standard BS EBN ISO 14001: 1996. Weldmesh™ is the very best in Strength, Versatility, High Performance and Quality.

Non-standard

Betafence Weldmesh™ offers a bespoke cut to size (CTS) or made to order (MTO) service if its standard range does not meet with your requirements.

SELF COLOUR AND GALVANISED FINISHES
These sizes are standard available ex-stock. Galvanising after manufacture adds approximately 7% to weights below

Specification	Standard panels with flush edges					60ft rolls with flush edges		
	4' x 8' kg	6' x 12' kg	6' x 4' kg	6' x 3' kg	7' x 12' kg	84" kg	72" kg	48" kg
2" x 2" x 6g	16.35	36.42	12.31	9.29	42.41	211.0	181.2	121.6
3" x 3" x 6g	11.07	24.54	8.35	6.32	28.5	141.6	121.7	82.0
3" x 6" x 6g	8.43	18.59	6.36	4.83	21.6	106.9	92.0	62.1
1" x 1" x 8g	22.74	-	-	-	-	-	-	-
2" x 1" x 8g	17.13	38.29	12.87	9.71	44.63	222.4	190.8	127.8
2" x 2" x 8g	11.54	25.69	8.68	6.56	29.94	148.9	127.9	85.8
3" x ½" x 8g	26.47	59.3	19.88	14.96	69.12	3448	295.8	197.8
3" x 3" x 8g	7.81	17.32	5.88	4.46	20.15	99.9	85.9	57.8
1" x 1" x 10g	13.17	29.5	9.89	7.44	34.39	172.2	147.6	98.4
1½" x 1½" x 10g	8.85	-	-	-	-	-	-	-
2" x 1" x 10g	9.93	22.2	7.46	5.62	25.87	130.2	111.6	74.4
2" x 2" x 10g	6.69	14.9	5.03	3.79	17.35	88.2	75.6	50.4
3" x ½" x 10g	15.34	34.47	11.51	8.66	40.6	201.6	172.8	115.2
3" x1" x 10g	8.85	19.76	6.65	5.01	23.5	117.6	100.8	67.2
3" x 3" x 10g	4.53	10.03	3.41	2.58	11.67	58.8	50.4	33.6
4" x 4" x 10g	3.44	-	-	-	-	-	-	-
1" x 1" x 12g	8.73	19.53	6.56	4.93	22.77	113.5	97.3	65.1
2" x 1" x 12g	6.58	14.7	4.94	3.72	17.12	85.3	73.2	49.0
2" x 2" x 12g	4.43	9.86	3.33	2.52	11.49	57.1	49.0	32.9
3" x ½" x 12g	10.16	22.76	7.63	5.74	26.51	132.2	113.4	75.9
3" x 1" x 12g	5.86	13.09	4.41	3.32	15.24	75.9	65.1	43.7

IB BETAFENCE

Weldmesh

A range of standard rolls in galvanised or self colour (copper washed) wire to offer the ideal product for all kinds of applications.

Weldmesh™ Light

Benefits

Innovative solutions

Betafence Weldmesh™ Light not only provides a solution for countless problems but also guarantees consistent high quality. In addition to the usual standard styles of mesh, irregular mesh sizes and wire diameters are available to order. Weldmesh™ Light has a myriad of uses using wire diameters of 0.55mm to 2mm.

Effective

Betafence Weldmesh™ Light is easy to work with and is easily combined with other materials. This makes the mesh multifunctional – is extensively used for agricultural and horticultural applications and its versatility lends itself to significant design opportunities for point of sale displays. The level of Betafence success has resulted in safer applications, ease of handling and greater specialist mesh usage, particularly for domestic requirements.

- Inherent strength • Forms its own selvedge when cut • Quality assurance (EN ISO 9001: 2000)
- Confidence throughout use • Comprehensive range of mesh configurations • Minimum waste
- Widely available • Options on finish

Applications

Machine Guards
Stairways and balustrades and walkways
Scaffold guards and safety barriers
Filters
Window guards and grills
Cages and aviaries
Poultry and pig floors
Shelving, racking and partitioning
Rock fall protection

All Welded Construction

Weldmesh™ benefits from superior welding technology. The horizontal and vertical wires are electrically welded at each intersection to give maximum rigidity and strength.

Coatings

Manufactured from bright drawn mild steel wire, the following coatings are possible. Galvanised after manufacture, **pre-galvanised** and **self colour** (copper washed). Weldmesh™ from stainless steel is available by application for specialist applications.

Galvanised Weldmesh™

Galvanised Weldmesh™ is hot dip galvanised to the highest standards. Pre-galvanised Weldmesh™ (mesh made from galvanised wire) can also be produced upon request.

Self Colour Weldmesh™

Self colour Weldmesh is supplied with a copper washed finish. However, on bulk orders, it is possible to have bright drawn mild steel without the coppered finish.

Panels and Rolls

Manufactured in a standard range of roll and panel options. For other sizes a cut to size service is available.

Wire Diameters

Weldmesh™ is produced from wire as fine as 0.55mm to 2mm.

Mesh

Weldmesh™ is produced with apertures as small as 6 x 6mm or as large as 50 x 50mm.

Quality

EN ISO 9001:2000 and our material content, quality and coatings are consistently delivered to exacting specifications. Factory procedures at Sheffield also conform to environmental standard BS EBN ISO 14001: 1996. Weldmesh™ is the very best in Strength, Versatility, High Performance and Quality.

Non-standard

Betafence Weldmesh™ offers a bespoke cut to size (CTS) or made to order (MTO) service if its standard range does not meet with your requirements.

GALVANISED and SELF COLOUR finishes
These sizes are standard available ex-stock. Self colour reduces weight by appoximately 7%

Reference No.	Size in mm									Size in inches		
	Width		Mesh		Wire dia		Width		Mesh		Wire dia	6m roll kg	30m roll kg
9/6/22	900	x	6 x 6	x	22g		36	x	¼ x ¼	x	22g	5.6	27.8
9/3/9	900	x	13 x 13	x	19g		36	x	½ x ½	x	19g	5.7	28.7
9/3/5/9	900	x	13 x 25	x	19g		36	x	½ x 1	x	19g	4.3	21.6
9/5/9	900	x	25 x 25	x	19g		36	x	1 x 1	x	19g	2.9	14.5
9/3/6	900	x	13 x 13	x	16g		36	x	½ x ½	x	16g	14.7	73.4
12/3/6	1200	x	13 x 13	x	16g		48	x	½ x ½	x	16g	19.5	97.7
18/3/6	1800	x	13 x 13	x	16g		72	x	½ x ½	x	16g	29.3	146.3
9/3/5/6	900	x	13 x 25	x	16g		36	x	½ x 1	x	16g	11.0	55.2
12/3/5/6	1200	x	13 x 25	x	16g		48	x	½ x 1	x	16g	14.7	73.4
6/9/6	600	x	19 x 19	x	16g		24	x	¾ x ¾	x	16g	6.6	32.9
9/9/6	900	x	19 x 19	x	16g		36	x	¾ x ¾	x	16g	9.8	49.1
3/5/6	300	x	25 x 25	x	16g		12	x	1 x 1	x	16g	2.5	12.7
6/5/6	600	x	25 x 25	x	16g		24	x	1 x 1	x	16g	5.0	24.8
9/5/6	900	x	25 x 25	x	16g		36	x	1 x 1	x	16g	7.4	37.0
12/5/6	1200	x	25 x 25	x	16g		40	x	1 x 1	x	16g	9.8	49.1
9/0/6	900	x	50 x 50	x	16g		36	x	2 x 2	x	16g	3.7	18.7
9/5/4	900	x	25 x 25	x	14g		36	x	1 x 1	x	14g	11.5	57.3
12/5/4	1200	x	25 x 25	x	14g		48	x	1 x 1	x	24g	15.0	76.1

Weldmesh

BETAFENCE

Stockfence

Rylock Green is a premium range designed to give ultimate performance, quality and longevity to deliver life-long fencing solutions.

Rylock® Green

Benefits

Exceptional performance

The distinctive green coating which is unique, singles out Rylock Green and is also key to its exceptional performance.

Anti-corrosive coating

The green anti-corrosive coating is applied over heavily galvanised wires (galvanising specification BS EN 10244-2:2001) giving Rylock Green additional protection against atmospheric corrosive agents; in practice you can expect it to last up to three times longer than some galvanised fences.

Stringent quality

Rylock Green is subject to the most stringent quality control, so you get a consistently high quality product. Which means Rylock Green won't ever let you down.

UK manufacture

Betafence has been delivering the best quality and best value, for more than seventy-five years from our Sheffield factory where the Rylock brands are manufactured. Betafence is unique in the UK by having complete control of all manufacturing processes, from the drawing and coating of the wire through to the production of our products. That's how you can expect the very best quality.

Standards

Manufactured in an environment covered by BS EN ISO 9002:1994 and all factory procedures conform to the highest quality and environmental standards BS EN ISO 14001:1996.

Applications

Containment of all livestock types.
Specific Lamb safe and Hedge Bottom types.
Forestry areas.
Highways and Railways.

Rolls

Rolls are available in various heights which range from 530 to 1200mm. The rolls have vertical spacing options of 150, 220 and 300mm to suit you specific application need.

Types

Light – Mild steel

An economic stockfence designed for use where traditional permanent fences are not required – e.g. gaps in walls or fencing around excavations. Type L5/60/15 is specifically developed as a 'hedge bottom' product.

Medium – Mild steel

A medium gauge stockfence used for permanent fencing of all types of Livestock.

Heavy – Mild steel

The recommended specification for extremely tough fencing – where corrosion pressures are likely to be high, or a difficult site that you don't want to re-fence for a long time.

Vulcan – High Tensile

A high tensile stockfence for the ultimate strength allows greater tensioning and a higher resistance to stock pressure. Type HT8/80/22 is specifically designed as a 'lamb safe' product the (9") spacings allow lambs to graze safely without the risk of trapping their heads.

Style

Understanding the style. Example: C8/80/15

C (Medium Gauge wire) **8** (Number of line wires) / **80** (Height of fence in cm) / **15** (Distance between vertical wires in cm)

Coating

The green anti-corrosive coating is applied over heavily galvanised wires giving Rylock Green additional protection against atmospheric corrosive agents.

Rylock Green Stockfence

Galvanised Stockfence

Photos show product deterioration of galvanised product exceeding BS EN 10244-2:2001 when compared to Rylock Green, taken at the end of 600hrs salt spray testing.

LASTS UP TO **3 TIMES LONGER** THAN STANDARD GALVANISED FENCING

Colours

Distinctive green coating which is unique.

ASSORTMENT RYLOCK GREEN STOCKFENCE

Style mm	Specific application	Wire tensile	Top & Bottom line wires mm	Intermediate line wires mm	Vertical line wires mm	No. of horizontail wires	Roll height mm	Distance between Vertical wires mm	Roll length m
Rolls									
LIGHT									
L5/60/15	Hedge Bottom	Mild steel	2.5	1.9	1.9	5	600	150	50
L8/80/15		Mild steel	2.5	1.9	1.9	8	800	150	50
L10/120/15		Mild steel	2.5	1.9	1.9	10	1200	150	50
MEDIUM									
C8/80/15		Mild steel	3	2.5	2.5	8	800	150	50 / 100 / 300
HEAVY									
B8/80/15		Mild steel	4	3	3	8	800	150	50
VULCAN									
HT5/53/15		High tensile	2.5	2.5	2.5	5	530	150	100
HT5/53/30		High tensile	2.5	2.5	2.5	5	530	300	100
HT8/80/15		High tensile	2.5	2.5	2.5	8	800	150	100 / 300 / 500
HT8/80/22	Lamb Safe	High tensile	2.5	2.5	2.5	8	800	220	100
HT8/80/30		High tensile	2.5	2.5	2.5	8	800	300	100

BETAFENCE

Stockfence

Rylock One is a NEW heavily galvanised stockfence that utilises Rylock Green's unique green coating at the bottom of the fence to provide protection where it's first required.

Rylock® One

Benefits

Quality performance
Rylock one stockfence is manufactured from heavily galvanised wires fully conforming to galvanising specification BS EN 10244-2:2001 and manufactured to BS EN 10223-5:1998.

Additional protection
Rylock One utilises Rylock Green's unique green coating at the bottom of the fence to provide protection where it's first required. This protection is applied to the bottom horizontal wire and first set of vertical wires.

High quality
Rylock One takes BS EN standards as its benchmark and is a high quality heavily galvanised product range.

UK manufacture
Betafence has been delivering the best quality and best value, for more than seventy-five years from our Sheffield factory where the Rylock brands are manufactured. Betafence is unique in the UK by having complete control of all manufacturing processes, from the drawing and coating of the wire through to the production of our products. That's how you can expect the very best quality.

Standards
Manufactured in an environment covered by BS EN ISO 9002:1994 and all factory procedures conform to the highest quality and environmental standards BS EN ISO 14001:1996.

Applications

**Containment of all livestock types.
Forestry areas.
Highways and Railways.**

Rolls

Rolls are available in height 800mm. The rolls have vertical spacing options of 150 and 300mm to suit you specific application need.

Types

Medium – Mild steel
A medium gauge stockfence used for permanent fencing of all types of Livestock.

Heavy – Mild steel
The recommended specification for extremely tough fencing – where corrosion pressures are likely to be high, or a difficult site that you don't want to re-fence for a long time.

Vulcan – High Tensile
A high tensile stockfence for the ultimate strength allows greater tensioning and a higher resistance to stock pressure.

Style

Understanding the style. Example: C8/80/15

C (Medium Gauge wire) **8** (Number of line wires) / **80** (Height of fence in cm) / **15** (Distance between vertical wires in cm)

Coating

Heavily galvanised wires fully conforming to galvanising specification BS EN 10244-2:2001 with the addition of Rylock Green's unique green coating at the bottom of the fence to provide corrosion protection to the bottom horizontal wire and first set of vertical wires.

Colours

Galvanised.

ASSORTMENT RYLOCK ONE STOCKFENCE									
Rolls									
Style mm	Specific application	Wire tensile	Top & Bottom line wires mm	Intermediate line wires mm	Vertical line wires mm	No. of horizontail wires	Roll height mm	Distance between Vertical wires mm	Roll length m
MEDIUM									
C8/80/15		Mild steel	3	2.5	2.5	8	800	150	50 / 100 / 300
HEAVY									
B8/80/15		Mild steel	4	3	3	8	800	150	50
VULCAN									
HT8/80/15		High tensile	2.5	2.5	2.5	8	800	150	100 / 300 / 500
HT8/80/30		High tensile	2.5	2.5	2.5	8	800	300	100

IB BETAFENCE

Barbed Wire

The widest range of High Tensile and Mild Steel barbed wires.

Vulcan® High Tensile

Vulcan barbed wire is a reverse twist two-ply barbed wire with four barbs, manufactured from 2.00mm high tensile wire for **maximum strength**.

Wire
The high-carbon steel wires have 4-point barbs at 100mm spacings
Line wire – 2.00mm, Tensile strength of the line wires: min. 1250-1400 N/mm2 (before stranding)
Barb wire – 1.90mm, Tensile strength of the barb wire: min 415-495 N/mm2

Coating
Rylock Green - **Green anti-corrosive coating** + Galvanised conforming to specification BS EN 10244-2:2001
Sentinel - Galvanised conforming to specification BS EN 10244-2:2001

Assortment
Length of reel: 200m

Motto® High Tensile

Motto barbed wire is a reverse twist two-ply barbed wire with four barbs, manufactured from high tensile wire.

Wire
The high-carbon steel wires have 4-point barbs at 100mm spacings.
Line wire – 1.60mm, Tensile strength of the line wires: min. 1150-1300 N/mm2 (before stranding)
Barb wire – 1.45mm, Tensile strength of the barb wire: min 415-495 N/mm2

Coating
Rylock Green - **Green anti-corrosive coating** + Galvanised conforming to specification BS EN 10244-2:2001
Sentinel - Galvanised conforming to specification BS EN 10244-2:2001

Assortment
Length of reel: 200m

Barbed Wire Mild Steel

Mild steel barbed wire is a two-ply barbed wire with four interlocking barbs, manufactured from mild steel wire.

Wire
The mild steel wires have 4-point barbs at 100mm spacings
Line wire – 2.50mm. Tensile strength of the line wires: min. 415 - 495 N/mm^2 (before stranding)
Barb wire – 2.00mm. Tensile strength of the barb wire: min 415 - 495 N/mm^2

Coating
Rylock Green - **Green anti-corrosive coating** + Galvanised conforming to specification BS EN 10244-2:2001
Sentinel - Galvanised conforming to specification BS EN 10244-2:2001

Assortment
Length of reel: 200m

BETAFENCE

Hexagonal Netting

The widest range of sizes, widths and roll lengths, to suit a variety of requirements.

Rylock Green® / Sentinel® Netting

Rylock Green Rabbit netting is a premium quality rabbit-proof netting with 31mm mesh size Manufactured to BS EN 10223-2. Green anti-corrosive coating + Galvanised conforming to specification BS EN 10244-2:2001

Sentinel netting is the widest range of sizes, widths and roll lengths to suit all types of requirements. Manufactured to BS EN 10223-2. Heavily Galvanised to BS EN 10244-2 for longer life.

Mesh size mm	Wire size		Roll Height mm	Roll length metres
	mm	swg		
RYLOCK GREEN				
31	1.00	19	1050	50
SENTINEL				
13	0.70	22	600 900	50
13	0.70	22	600 900	25
19	0.90	20	900 1200	50
25	0.90	20	600 900 1200 1800	50
25	0.90	20	600 900 1200	25
31	1.00	19	600 1050 1200	50
31	1.20	18	1050 1200	50
50	1.00	19	600 900 1200 1800	50
50	1.00	19	600 900 1200	25
100	1.60	16	900	50
100	2.00	14	900	50

Table caption: ASSORTMENT RYLOCK GREEN® / SENTINEL

Sentinel Fencing Wires
Full specification details are available on request.

Sentinel Staples
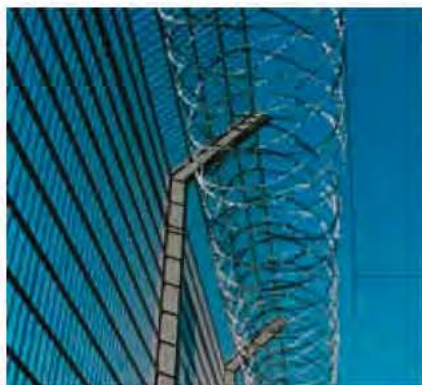Full specification details are available on request.

Applications

Rabbit control
Crop protection
New plantations:
Highways – Urban planting – Garden
Temporary fencing
Bird enclosures

Farming

BETAFENCE

The razor wire coils are manufactured using mild steel wire and are equipped with sharp blades. It adds a high anti-climb capacity to almost all fences.

Razor Tape

High Security
The Barbed Wire Systems "Razor Tape" are an effective deterrent to climbing the fence, they provide maximum delay and limit break-ins.

Longevity
The state of the art coating technology guarantees a long product lifetime.

Quick and easy Installation
All accessories are precisely integrated for quick and easy installation.

Wide range
The diameters of the coils vary to provide for different levels of security.

Systems
The Standard Razor Tape system of Betafence has a wire diameter of 2.5mm and consists of a continuous mild steel strip that is enclosed with sharp blades. All coils are clipped together to obtain a stable and homogeneous network.

ASSORTMENT				
Approximate diameter of the compact coil	Spirals per coil	Recommended length	Clips per spiral	Approximate diameter of the stretched coil
450 mm	56	10 m	3	400 mm
730 mm	56	12 m	5	620 mm
980 mm	56	12 m	5	875 mm

Flat wrap: This is a network of spirals that are clipped and has a flat overlap.
The razor wire is a single ribbon of barbed wire with sharp blades that are unclipped and stretched above the fence.

Coating
Razor tape is available in 4 options:
- Galvanised wire with galvanised blades
- Zinc-aluminium wire with zinc-aluminium blades
- Galvanised wire with stainless steel blades
- Stainless steel wire with stainless steel blades

Accessories
Clips   Gloves   Pliers   Ground hooks

Barbed Wire Profiles

Short Barb — Length of Barbs: 8,5mm / Width of Barbs: 15,5mm

Medium Barb — Length of Barbs: 22mm / Width of Barbs: 16,5mm

Long Barb — Length of Barbs: 61mm / Width of Barbs: 21mm

Detainer — Length of Barbs: 62mm / Width of Barbs: 31mm

ASSORTMENT	
Approximate diameter of the coil	Recommended length
500 mm	15 m
700 mm	15 m
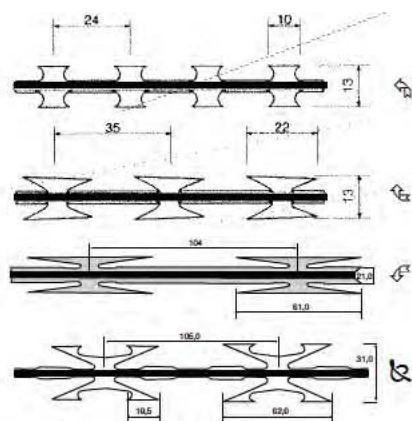
Applications

The Razor Tape systems are applied at high risk perimeters such as airports, prisons, military areas and areas that require maximum deterrent and protection. It can be applied above the fence, at the bottom of fences or on roof tops.

BETAFENCE

Securing What Matters