



BETAVIEW®

MEDIUM-TO-HIGH SECURITY AT ITS VERY BEST

Engineered for added rigidity with a high visibility level, **Betaview®** is the leading security solution for residential, lifestyle estates, retail, public buildings, educational facilities, healthcare facilities, commercial and industrial areas.



T: 021 868 7300
E: info@betafence.co.za

T: 011 314 8034
E: info@betafence.co.za

www.betaview.co.za
www.betafence.co.za



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BEKAFIX® SECURE POST

Type: A hollow "H" profile post.

Dimensions: 70 x 44 x 2 mm

Manufacture: Made from a rolled sheet, then hot-dip galvanized and PVC coated to a minimum thickness of 200 microns using our fluidized bed PVC coating machine.

Panel Attachment: Behind the front lip using spider fixators and stainless steel security bolts, which go through the post for added security. Panels are then secured using tamper-proof shear nuts.



BEKAFIX® SUPER SECURE POST

Type: A hollow "H" profile post.

Dimensions: 100 x 54 mm x 2 mm

Manufacture: Made from a rolled sheet, then hot-dip galvanized and PVC coated to a minimum thickness of 200 microns using our fluidized bed PVC coating machine.

Panel Attachment: Behind the front lip using spider fixators and stainless steel security bolts, which go through the post for added security. Panels are then secured using tamper-proof shear nuts.

Choose high-density mesh for added security, bends for added rigidity and overall low visual impact.

A VARIETY OF EXTENSIONS, ACCESSORIES AND ATTACHMENTS ARE AVAILABLE FOR EACH POST TYPE.

Benefits

SECURITY

Robust wire and weld joints make cutting through the system using conventional bolt or wire cutters very difficult, while small mesh apertures offer no toe or finger holds. A saw-tooth panel top is available for added security.

VISIBILITY

The panels have excellent visibility characteristics and from a distance appear almost invisible, offering unobstructed camera surveillance from the front or at an angle.

DURABILITY

The wire is Zincafluor®-coated, resistance-welded and PVC-coated with maximum adhesion to guarantee an extra-long lifespan.

10-YEAR GUARANTEE

State-of-the-art PVC-coating technology underpins our 10-year, insurance-underwritten, anti-corrosion guarantee when original Betafence panels, posts and fixators are used.

Applications



BUSINESS PARKS



EDUCATIONAL FACILITIES



HOSPITALS & HEALTHCARE



PUBLIC BUILDINGS



PRIVATE RESIDENCES



RESIDENTIAL ESTATES



ROADS



SPORTS ARENAS



AIRPORTS



PORTS



FACTORIES & WAREHOUSES



INFRASTRUCTURE

Security Level

MEDIUM HIGH

LOW

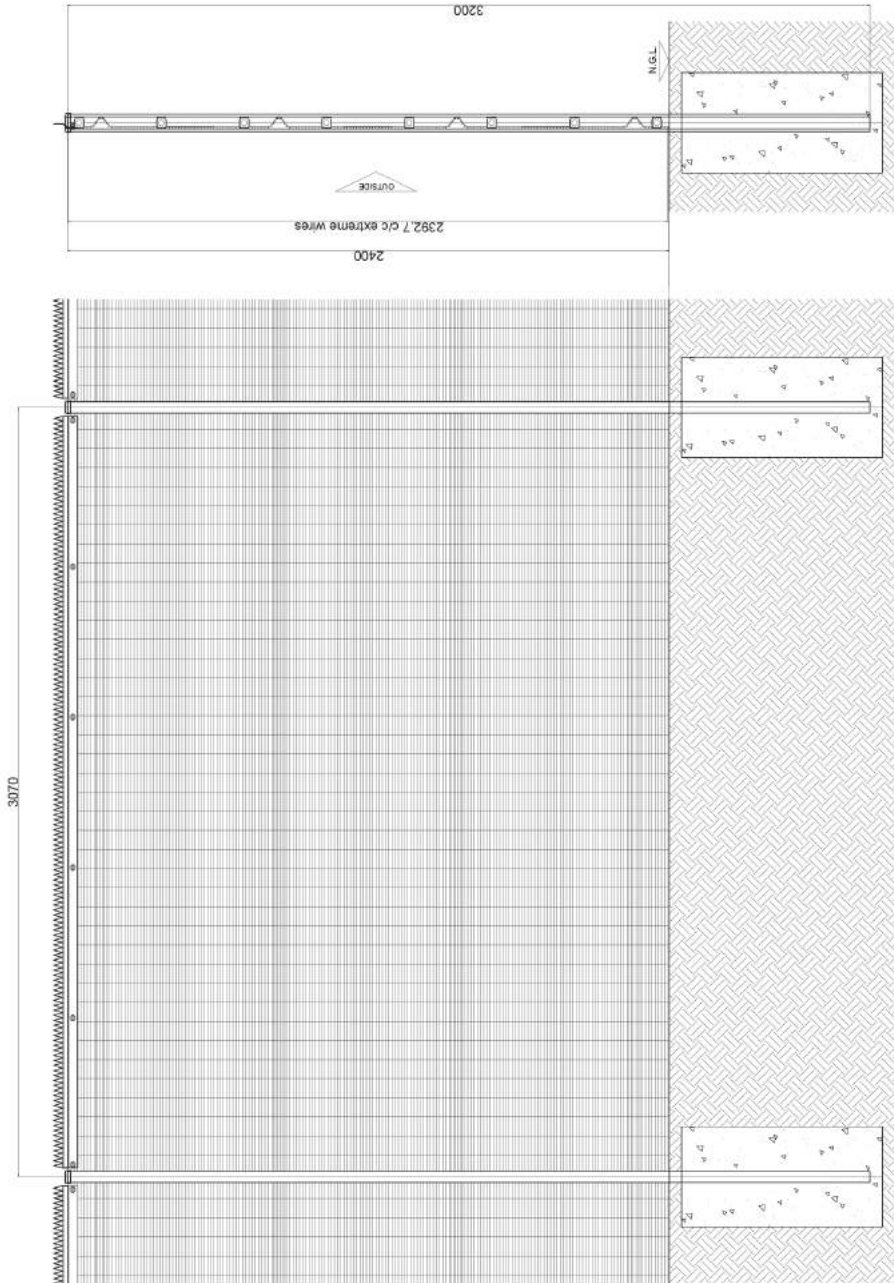
VISIT WWW.BETAVIEW.CO.ZA FOR MORE TECHNICAL INFORMATION.

HIGH

10-YEAR GUARANTEE

BETAVIEW®

ARCHITECTURAL TOOLS SUCH AS REVIT FAMILIES ARE AVAILABLE ON REQUEST



ELEVATION FROM OUTSIDE

SECTION THRO

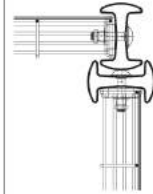
Material Schedule per unit Intermediate Post			
Qty	Component	Description	Length
1	Post	Bekafix Secure	3200
1	Cap	Polyamide cap	
16	Filing Clamp	Mini Spider	50
8	Cup-square bolt	M8 mushroom head	
8	Nut	M8 Shear-off	
8	Washer	M8 Flat	

Material Schedule per unit Panel			
Qty	Component	Description	Length
1	Mesh	3510 4V x 2393	3048
1	Combo rail/spike	Z40 x 20 x 40 x 2.5	2968
6	Cup-square bolt	M8 mushroom head	40
6	Nut	M8 Shear-off	
6	Washer	M8 Fender	

Material Schedule per unit Corner Post			
Qty	Component	Description	Length
2	Post	Bekafix Secure	3200
2	Cap	Polyamide cap	
16	Filing Clamp	Mini Spider	
16	Cup-square bolt	M8 mushroom head	40
16	Nut	M8 Shear-off	
16	Washer	M8 Flat	



MESH FIXING INTERMEDIATE POST



MESH FIXING CORNER POST 90°

SPECIFICATIONS

- Posts:**
- Bekafix Secure 70 x 44 x 2,0mm x 3200mm long. (1 Profile)
 - Set posts vertically into ground at 3070mm centres.
 - Longer posts will be required where fence steps > 200mm.
- Foundations:**
- Cast 400 x 400 x 800 deep 15MPa/19 stone at each post.
 - Ground conditions may require additional concrete.
- Lateral Support:**
- Panels are laterally strengthened with vee shaped horizontal stiffener bends ref. mesh specification.
- Heavy Security Mesh Panels**
- Mesh panels shall be ref. 3510 4V, fabricated from high tensile steel with a weld strength of 60% and a tensile strength of 500N/mm².
 - Horizontal and vertical wires shall have a core diameter of 3.00mm with a tolerance of + 0.07mm.
 - Apertures shall be 76.2mm W x 12.7mm H c/c of wires.
 - Panels are laterally strengthened by incorporation of 4 x 43mm deep, V-profiled horizontal stiffener bends.
 - Panel finish size tolerance s: width +2.0mm and height +6mm
 - Mesh panels are manufactured with Zincalu wire (Galvan).
- Vandal Resistant Fixing:**
- To Posts: Mini spider fixators bolted through the post using M8 anti-vandal cupsquare bolts, shear-off nuts & flat washers.
 - Top spike rail: Bolted using M8 anti-vandal cupsquare bolts, shear-off nuts & Fender washers.
 - All fasteners and fixing screws shall be Grade 304 Stainless Steel.
- Anti Climb Over Prevention:**
- At the top, a purpose bent Z-profile combo sawtooth serrated edge spirital 40 x 20 x 40 x 2.5mm thick fabricated from 100mm wide sheet metal strip shall cap over the mesh panel and be fixed to the mesh to deter climbing.
- Corrosion Protection:**
- Initial Coating:**
- Mesh Panels: Zincalu.
 - Posts/Structure/Rails/Spikes: HD Galvanised.
- Additional Coating:**
- Fence Mesh Panels, Posts, Structure & Spike rails shall be uniformly PVC coated, which is free of lead, cadmium and D.O.P. to a minimum thickness of 200µm (microns) in accordance to EN 10245-2 Steel wire and wire products - Organic coatings on steel wire - Part 2. PVC finished wire.
 - Finish colours shall be either RAL 7021 Anthracite or RAL 6005 Green.

BETA **BETADEFENCE**
South Africa (Pty) Ltd.

www.betadefence.co.za South African Head Office:
Berg River Business Park
Tel: +27 (0) 21 868 7300
Cnr Jan van Riebeeck Drive & Borenberg Road
+27 (0) 21 868 7301
Dal Josafat, Paarl 7746

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REVISIONS

Rev.	Date	Description	Drawn	Checked	Status
0	Aug 2016	ISSUED FOR CONSTRUCTION	DJ		

BETAVIEW 3510 4V x 2400 HIGH FENCE ON BEKAFIX SECURE 70 x 44 POSTS - STANDARD

project: 146 | 0 | PEN | GEN | 3070 | 2400 | 3510 | 4V | B70 | M5 | ST

BETAVIEW®

Specifications

CORE WIRE DIAMETER: 3 mm

AFTER PVC COATING: 3.4 mm

PANEL APERTURE: 76.2 x 12.8 mm

NOMINAL FENCE HEIGHT (MM)	PANELS WIDTH X HEIGHT (MM)	NUMBER OF REINFORCEMENTS PER PANEL	POST LENGTH (MM)	BEKAFIX® SECURE POSTS	BEKAFIX® SUPER SECURE POSTS
				NUMBER OF FIXINGS PER POST	NUMBER OF FIXINGS PER POST
1800	3048 x 1785	3	2600	14	14
2000	3048 x 1988	3	2600	14	14
2400	3048 x 2392	4	3200	16	16

3M AND ABOVE HEIGHTS AVAILABLE AND MADE TO ORDER UPON REQUEST

AVAILABLE COLOUR OPTIONS: GREEN PVC

ANTHRACITE PVC

HDG/ZINCALU

➤ **10-YEAR** GUARANTEE

➤ **ISO 9000 CERTIFIED**

➤ **LEVEL 3 BBBEE COMPANY**

➤ **98% OF THE MATERIALS THAT WE SELL IN SA ARE LOCALLY MANUFACTURED**

➤ **WE UPSKILL LOCAL CONTRACTORS THROUGH INSTALLATION TRAINING**

➤ **PROUDLY MANUFACTURING IN THE WESTERN CAPE SINCE 1997**

About BETAFENCE

Betafence is the global leader of total perimeter solutions, guaranteeing complete peace of mind for clients around the world.

Strict adherence to Betafence International's ISO9001-2008 manufacturing standards ensures that Betafence South Africa's clients enjoy the same unrivalled benefits and high-quality standards that Betafence promises worldwide.

Based in Paarl in the Western Cape, our factory manufactures 98% of local Betafence products. Additionally, over 95% of the base materials used in the manufacturing process are local, while over 92% of the wire is made from recycled material.

Further more, we are the only company in South Africa to offer a 10-year, insurance-underwritten, anti-corrosion guarantee on all of our PVC-coated fencing systems.

Betafence South Africa is a Level 3 BBBEE company.



HEAD OFFICE AND FACTORY

Unit B10 Bergriver Park
c/o Jan van Riebeeck Dr & Borssenberg Rd
Dal Josafat, Paarl, South Africa
T: 021 868 7300
E: info@betafence.co.za

BETAFENCE JOHANNESBURG

Unit 3 CDE Premium Park,
362 Roan Crescent,
Corporate Park North, Midrand, South Africa
T: 011 314 8034
E: info@betafence.co.za



www.betaview.co.za
www.betafence.co.za
SECURING WHAT MATTERS