

# SECURIFOR® 358 DOUBLESKIN

## THE ONLY CHOICE FOR MAXIMUM-SECURITY APPLICATIONS

Unrivalled security with premium delay factors make Securifor® 358 Doubleskin ideal for national keypoints and critical infrastructure such as military sites, prisons, borders and power facilities.



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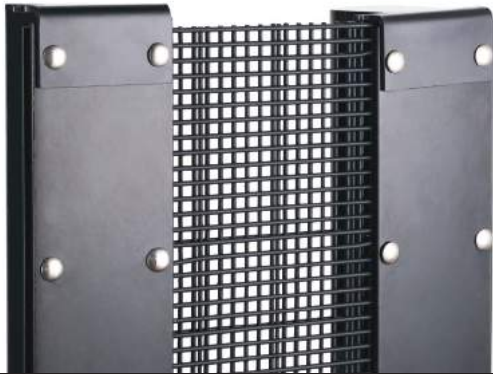
**BETAFENCE**



# SECURIFOR® 358 DOUBLESKIN

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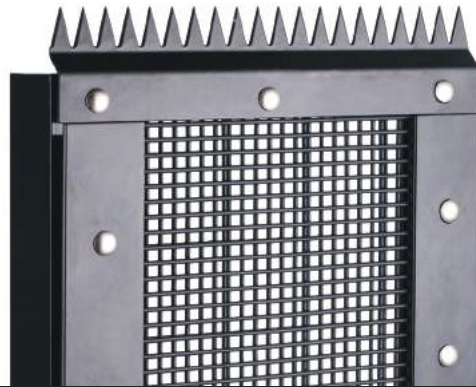
## BEKASECURE® SECURE POST

**Type:** An “Omega” profile post.

**Dimensions:** 120 x 140 x 3 mm

**Manufacture:** Hot-dip galvanized and lead-free, PVC-coated, pre-drilled for fixing the panels, then covered with a metal cap. Sold with PVC-coated panels.

**Panel Attachment:** Fixed via a 120 x 6 mm flat bar, cup square bolts and tamper-proof shear nuts.



## ANGLE IRON POST

**Dimensions:** Post: 100 x 75 x 8 mm

**Cover plate:** 70 x 6 mm

**Manufacture:** Hot-dip galvanised in compliance with ISO-1461 coating standards and pre-drilled for fixing panels.

**Panel Attachment:** Fixed using stainless steel countersunk security bolts (M8 x 40 mm) and 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

### DURABILITY

Highly durable Zincalu® and PVC coatings guarantee an extra-long lifespan and low maintenance, while the advanced anti-corrosion properties can handle any environment.

### 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. The security provided by Securifor 358 DoubleSkin is simply unparalleled.

### VISIBILITY

Despite the small mesh apertures, the panels offer excellent visibility to keep your site in constant view with unobstructed camera surveillance, and at an angle.

### AESTHETICS

This flat-panel fencing system combines good visibility with discreet visual impact on the immediate environment.

### 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



MILITARY &  
BORDERS



CORRECTIONAL  
FACILITIES



VIP  
RESIDENCES



POWER PLANTS



INFRASTRUCTURE

## Security Level

LOW

HIGH

HIGH

VISIT [WWW.BETAFENCE.CO.ZA](http://WWW.BETAFENCE.CO.ZA) FOR MORE TECHNICAL INFORMATION.



# 10-YEAR GUARANTEE

# SECURIFOR® 358 DOUBLESKIN

## SPECIFICATIONS

- Posts:**
- Angle 100 x 75 x 8 x 3000mm long.
  - Set posts vertically into ground at 3000mm 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:**

- Lateral support shall comprise of two horizontal rails
- At the top, a purpose bent Z-profile combo sawtooth serrated edge spike/rail 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 fence posts providing lateral support and to deter climbing.
- At the bottom, an angle 40 x 40 x 5mm.

**Ultra Heavy High Security Mesh Panels**

- Mesh panels shall be ref. 358 Double Skin (DS), fabricated from high tensile steel with a yield strength of 60% and a tensile strength of 500N/mm<sup>2</sup>.
- Horizontal and vertical wires shall have a core diameter of 3.96mm with a tolerance of ± 0.07mm.
- The mesh configuration shall be two sheets of ref 358 single skin mesh machine welded at right angles to each other such that the 12.7mm grid of the first sheet, nests in the 76.2mm grid of the second.
- Apertures shall be 12.7mm x 12.7mm c/c of wires.
- Panel finish size tolerances: width ± 2.0mm and height ± 6mm
- Mesh panels are manufactured with Zincalu wire (Galfan).

**Tamper Proof Fixing:**

- To Posts: Clamp fixed with Flat 70 x 6 cover strips, using M8 anti-vandal cup square bolts, shear-off nuts & flat washers.
- To Rails: Bolted using M8 anti-vandal cup square bolts, shear-off nuts & fender washers.
- All fasteners and fixing screws shall be Grade 304 Stainless Steel.

**Anti Climb Over Protection:**

- Purpose bent Z-profile combo serrated spike/rail (ref lateral rail)

**Corrosion Protection:**

- Initial Coating:**
- Mesh Panels: Zincalu.
  - Posts, Structure, Cover Plates, Rails & Spikes: HD Galvanised.

**Additional Coating:**

- Fence Mesh Panels, Posts, Structure, Cover Plates, Rails, & Spikes shall be uniformly PVC coated, which is free of lead, cadmium and DOP, 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 FENCE**  
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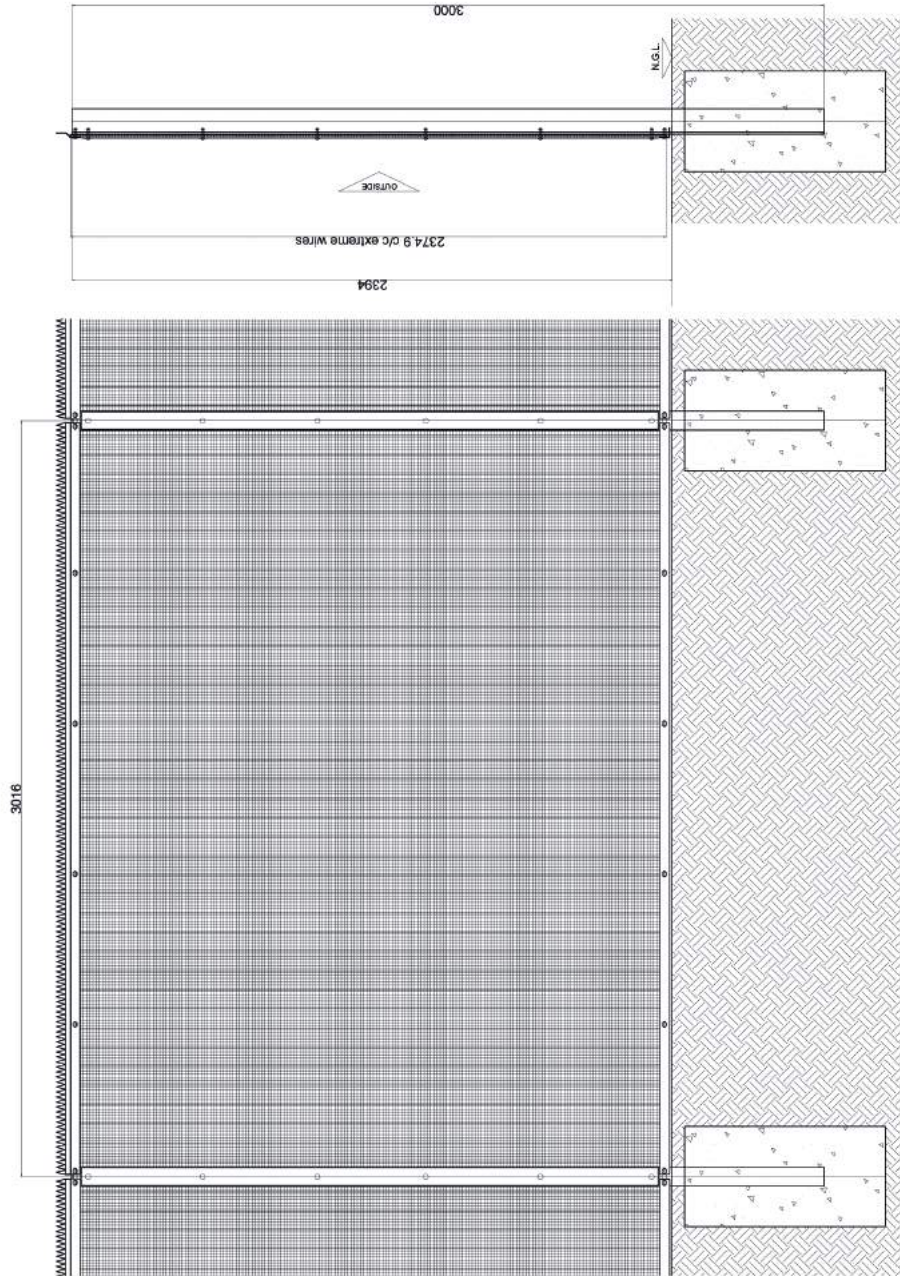
## REVISIONS

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

358 DOUBLESKIN x 2400 HIGH FENCE ON ANGLE IRON 100 x 75 x 8 POSTS - STANDARD

project	desig no	rev no	contract	cont	width	height	product	profile	posts	fin with	coating
BF	071	0	FEN	GEN	3016	2400	358	DS	A100	FB	ST

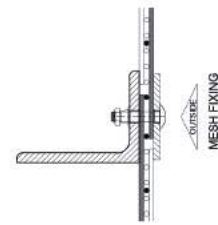
## ARCHITECTURAL TOOLS SUCH AS REVIT FAMILIES ARE AVAILABLE ON REQUEST



### ELEVATION FROM OUTSIDE

Material Schedule per unit Panel

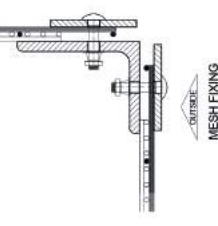
Qty	Component	Description	Length
1	Mesh	358 DS x 2375	3048
1	Combo rail/spike	Z40 x 20 x 40 x 2.5	2998
1	Bottom rail	Angle 40 x 40 x 5	2998
4	Cup-square bolt	M8 mushroom head	50
8	Cup-square bolt	M8 mushroom head	40
12	Nut	M8 Shear-off	
4	Washer	M8 Flat	
8	Washer	M8 Fender	



### SECTION THRO

Material Schedule per unit Corner Post

Qty	Component	Description	Length
1	Post	Angle 100 x 75 x 8	3000
2	Cover Plate	Flat 70 x 6	2299
12	Cup-square bolt	M8 mushroom head	40
12	Nut	M8 Shear-off	
12	Washer	M8 Flat	





# SECURIFOR® 358 DOUBLESKIN

## Specifications

CORE WIRE DIAMETER: 3.96 mm AFTER PVC COATING: 4.36 mm

PANEL APERTURE: 12.8 x 12.8 mm

NOMINAL FENCE HEIGHT (MM)	PANELS WIDTH X HEIGHT (MM)	POST LENGTH (MM)	ANGLE IRON BOTTOM RAIL	ANGLE IRON POSTS	BEKASECURE® POSTS
2400	3048 x 2385	3000	2996 x 40 x 40 x 3	100 x 75 x 8	120 x 140 x 3
3000	3048 x 2985	3750	2996 x 40 x 40 x 3	100 x 75 x 8	120 x 140 x 3

OTHER HEIGHTS AVAILABLE ON 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.



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SECURING WHAT MATTERS