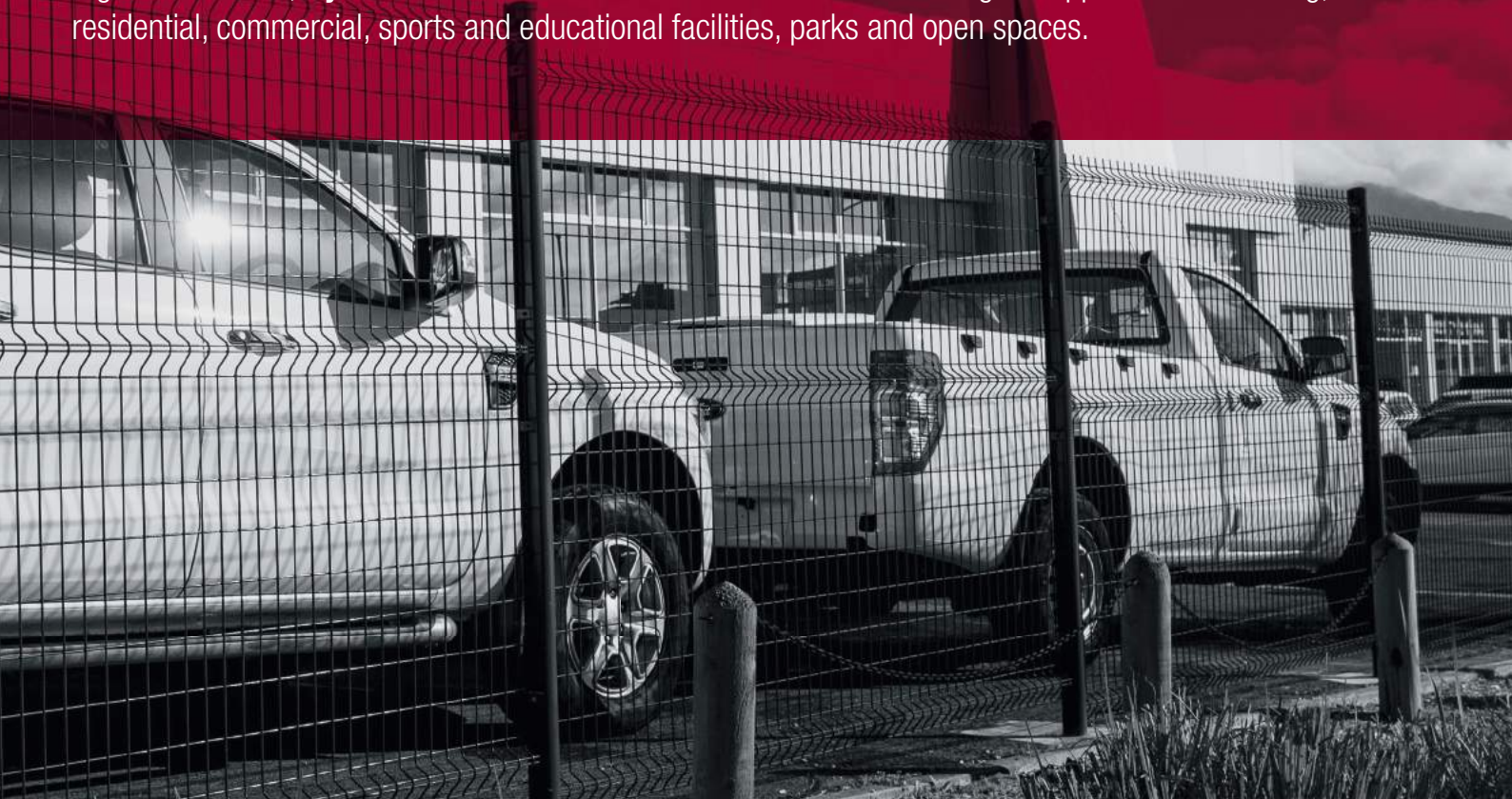




NYLOFOR Medium[®]

AN AESTHETIC AND VERSATILE MEDIUM-LEVEL SECURITY SOLUTION

Rigid and reliable, **Nylofor[®] Medium** is a trusted solution for a wide range of applications including; residential, commercial, sports and educational facilities, parks and open spaces.



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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.



SQUARE POST

Type: A hollow square post.

Dimensions: 60 x 60 x 1.6 mm

Manufacture: Hot-dip galvanized and lead-free, PVC-coated using our fluidized bed PVC-coating machine.

Panel Attachment: To the front face using spider fixators and security bolts.

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

Benefits

LONGEVITY

The wire is Zincalu[®]-coated, resistance-welded and plastic-coated with maximum adhesion to guarantee an extra-long lifespan.

DURABILITY

Rigidity is excellent by virtue of welded mesh panels with rectangular apertures and horizontal reinforcements.

EFFICIENCY

Precision-made components offer a quality system that can be installed with maximum efficiency.

VERSITILITY

Build your entire system from a choice of panels in various heights, square or Bekafix[®] Secure posts with specific fixing systems, adapted accessories and a wide assortment of innovative swing and sliding gates. All aesthetically pleasing. All environmentally friendly.

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



COMMERCIAL



RESIDENTIAL



AUTOMOTIVE
DEALERS



RETAIL



SPORTS ARENAS



PARKS AND
OPEN SPACES



EDUCATIONAL
FACILITIES

Security Level

MEDIUM LOW

LOW

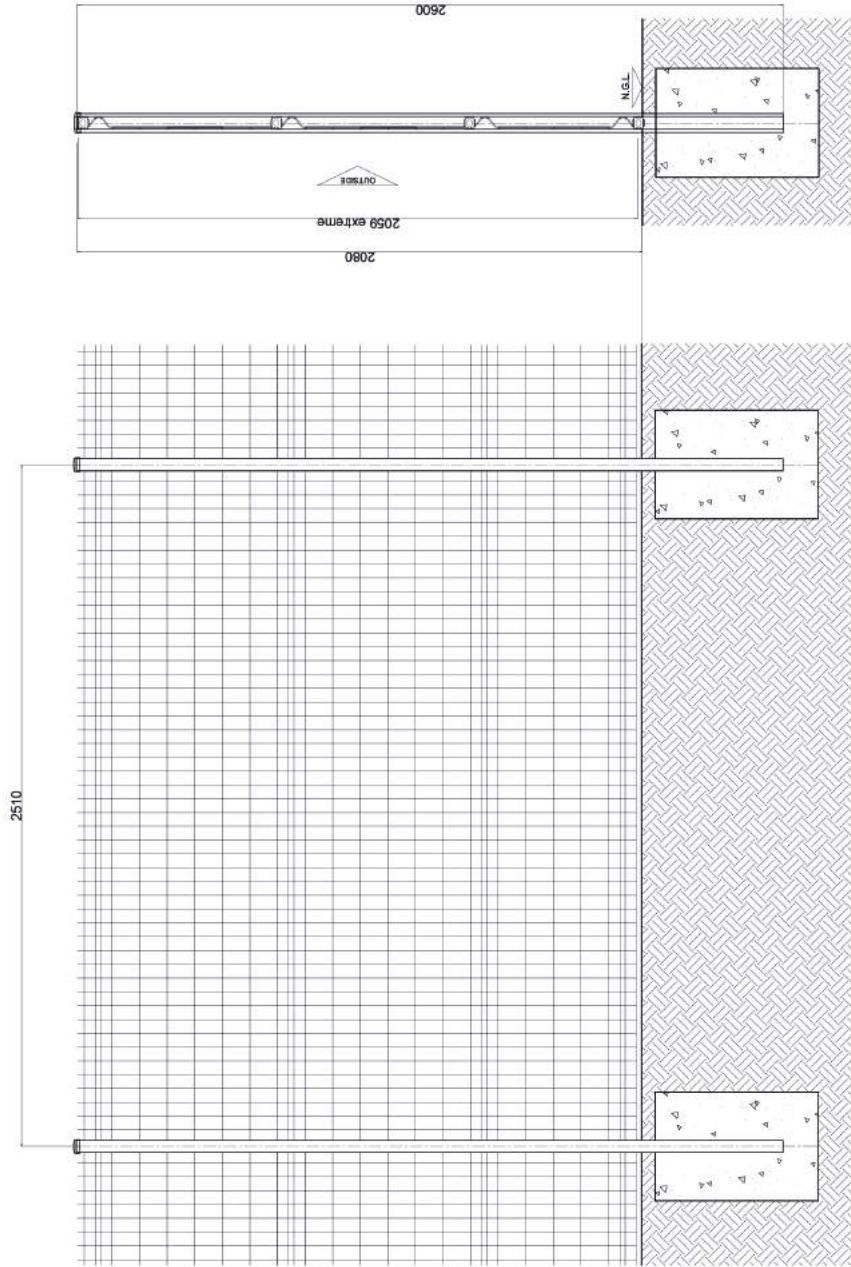
VISIT WWW.NYLOFOR.CO.ZA FOR MORE TECHNICAL INFORMATION.

HIGH

10-YEAR GUARANTEE

NYLOFOR Medium[®]

ARCHITECTURAL TOOLS SUCH AS REVIT FAMILIES ARE AVAILABLE ON REQUEST



SPECIFICATIONS

- Posts:**
- Bekafix Secure 70 x 44 x 1.6mm x 2600mm long. (I Profile)
 - Set posts vertically into ground at 2510mm 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.

Medium Security Mesh Panels

- Mesh panels shall be Nylofor Med, 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 3.65mm with a tolerance of +-0.07mm
- Apertures shall be 50.8mm W x 101.6mm H c/c of wires.
- Panels are laterally strengthened by incorporation of 4 x 4.3mm deep, V-profiled horizontal stiffener bends.
- The vertical wire strands project 25mm above the uppermost extreme horizontal wire to form a barbed top edge.
- Panel finish size tolerances: width +-2.0mm and height +-6mm
- Mesh panels are manufactured with Zincalu wire (Galfan).

Fixings:

- 10 Posts: Clamp fixed with Mini spider clamps using M8 anti-vandal cupsquare bolts, shear-off nuts & flat washers.
- All fasteners and fixing screws shall be Grade 304 Stainless Steel.

Anti Climb Over Prevention:

- Mesh top edge is provided with 25mm high barb (wire projection). (refer mesh specification)

Corrosion Protection:

- Initial Coating:**
- Mesh Panels: Zincalu.
 - Posts: HD Galvanised.

Additional Coatings:

- Fence Mesh Panels, Posts & Brackets are 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		

drawn by: _____
drawing title: NYLOFOR MEDIUM X 2060 HIGH FENCE ON BEKAFIX SECURE 70 x 44

POSTS - STANDARD

project: _____
client: _____
contract: _____
drawing no: 331_0_FEN_GEN_I_NYL_MED_1_B7D_MS_ST

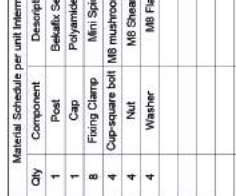
SECTION THRO

Material Schedule per unit Corner Post			
Qty	Component	Description	Length
2	Post	Bekafix Secure	2600
2	Cap	Polyamide cap	
8	Fixing Clamp	Mini Spider	
8	Cup-square bolt	M8 mushroom head	40
8	Nut	M8 Shear-off	
8	Washer	M8 Flat	

ELEVATION FROM OUTSIDE

Material Schedule per unit Panel			
Qty	Component	Description	Length
1	Mesh	Nylofor Med. x 2060	2489

Material Schedule per unit Intermediate Post			
Qty	Component	Description	Length
1	Post	Bekafix Secure	2600
1	Cap	Polyamide cap	
8	Fixing Clamp	Mini Spider	
4	Cup-square bolt	M8 mushroom head	50
4	Nut	M8 Shear-off	
4	Washer	M8 Flat	



NYLOFOR Medium[®]

Specifications

CORE WIRE DIAMETER: 3.65 mm AFTER PVC COATING: 4.05 mm

PANEL APERTURE: 50 x 100 mm

NOMINAL FENCE HEIGHT (MM)	PANELS WIDTH X HEIGHT (MM)	NUMBER OF REINFORCEMENTS PER PANEL	POST LENGTH (MM)	BEKAFIX [®] SECURE POSTS	SQUARE POSTS	
				NUMBER OF FIXINGS PER POST	NUMBER OF FIXINGS PER INTERMEDIATE & END POST	NUMBER OF FIXINGS PER CORNER POST
1200	2493 x 1240	2	1700	6	3	6
1800	2493 x 1750	3	2200	10	5	10
2100	2493 x 2060	4	2600	12	6	12

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