

# Wireforce WireWall®

**WIREFORCE**  
MANUFACTURERS OF WIRE PRODUCTS



Clearly a better view

**WIREFORCE**  
MANUFACTURERS OF WIRE PRODUCTS

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01

## WIREFORCE WIREWALL® SECUREMAX® FENCING SYSTEM

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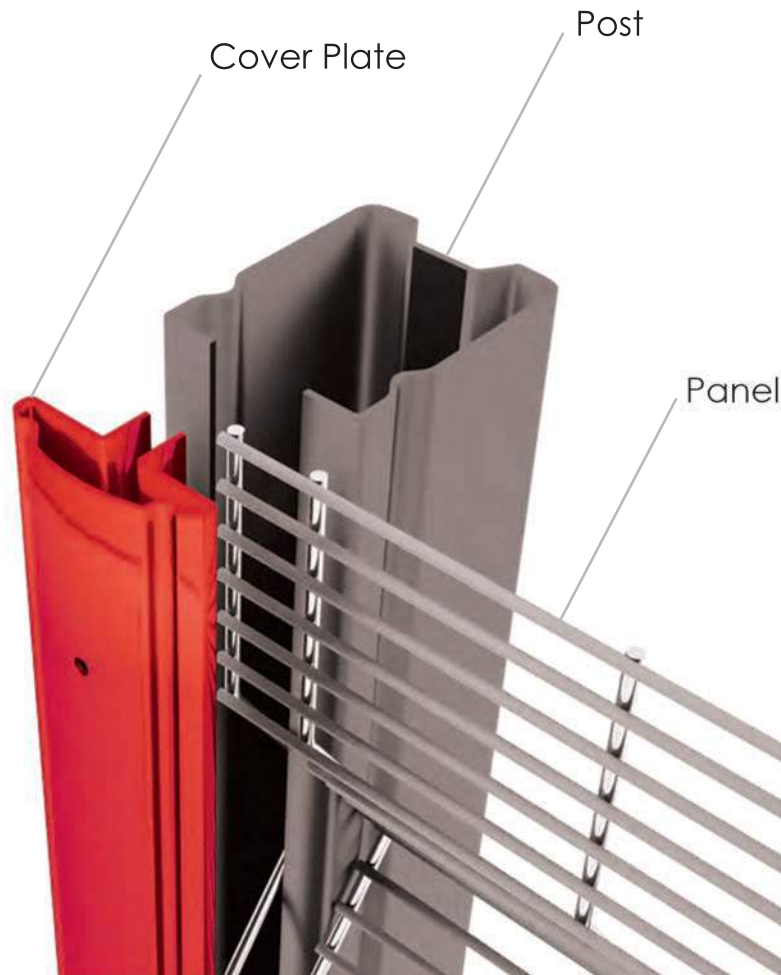
WireForce is the only fully-integrated manufacturer of security fencing systems in South Africa.

We bring elements of colour and design together, while creating a unique signature that meets today's demand for increased visibility and security.

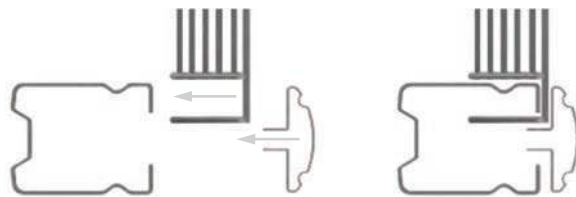


Installation video

# STRUCTURE



Top view



## Patented Fencing Post

The SecureMax® post is roll formed from high tensile 1.60mm and 2.00mm Zinc Aluminium Magnesium coated material for maximum corrosion protection which enhances the lifespan of the product. Posts are pre-punched for ease of installation. It is recommended to use the 2.00mm material posts for heavy mesh fencing systems and / or electric fencing options. We offer multiple color and anti-corrosion options.

IPE and high security posts are alternative post options available in lengths and finishes to match the panels. It can be ordered for both planted and bolted fences.

## Panel

Panels are available in a variety of apertures with wire diameters of 3.00mm, 4.00mm or 5.60mm. All panels have double edge wires spaced 25mm apart.

All wires used in the production of WireForce WireWall® mesh panels are manufactured from rod coil, drawn down to the required diameter. It is then coated in hot dipped Zinc Aluminium according to SABS specifications. Test certificates are available on request.

Panels have multiple V-bends at various intervals for increased rigidity.

## Cover Plate

Cover plates are roll-formed using high tensile steel with Zinc Aluminium Magnesium coating for an enhanced lifespan. Cover plates are pre-punched and available in Zinc Aluminium Magnesium or different colour coating and anti-corrosion options.

# CLAMPING

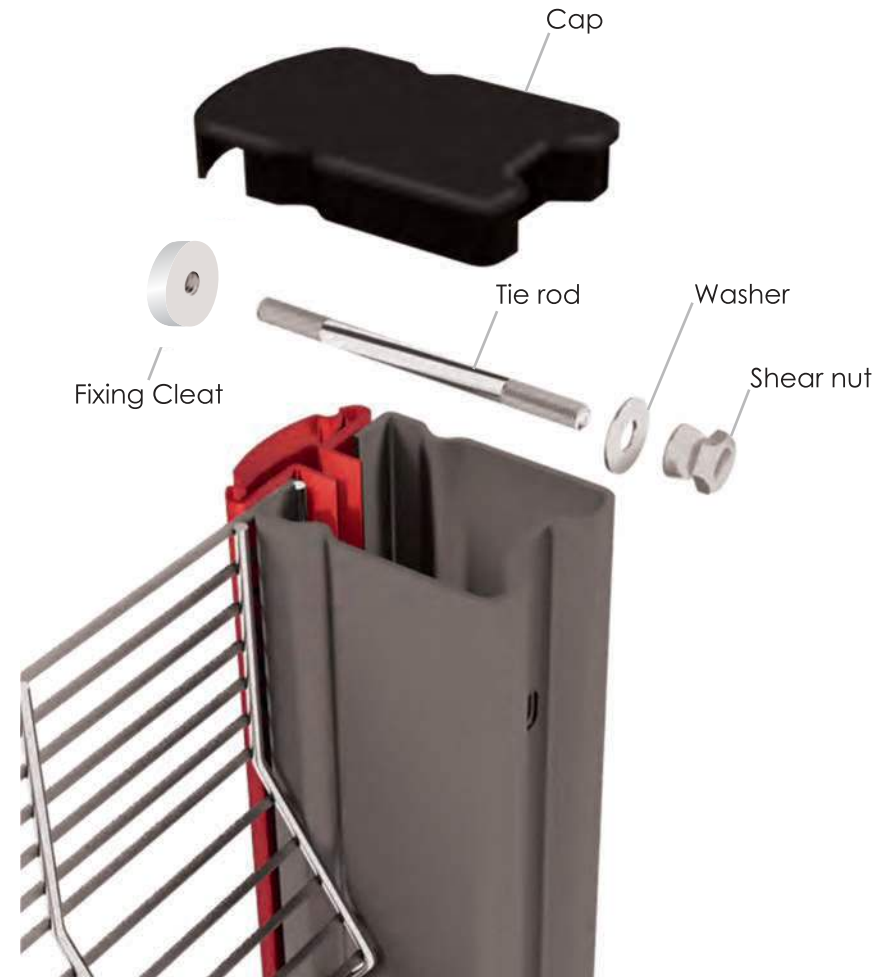
## Cap

The UV stabilised polypropylene cap has a fault line that can be removed for the extension of the front-end cover plate to accommodate additional security options.

## Fixing method

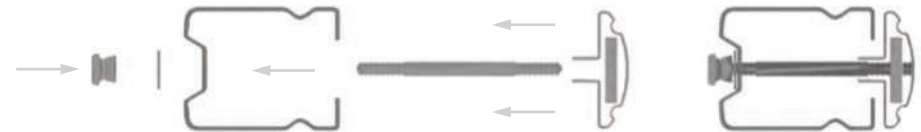
The system consists of the following concealed stainless steel components:

- Tie rod
- Fixing cleat
- Sheer nuts
- Washers



The panel is slotted over the front-end of the post and clamped by the cover plate which is pinned together with the unique concealed fixing system.

◀ **SCAN ME!**



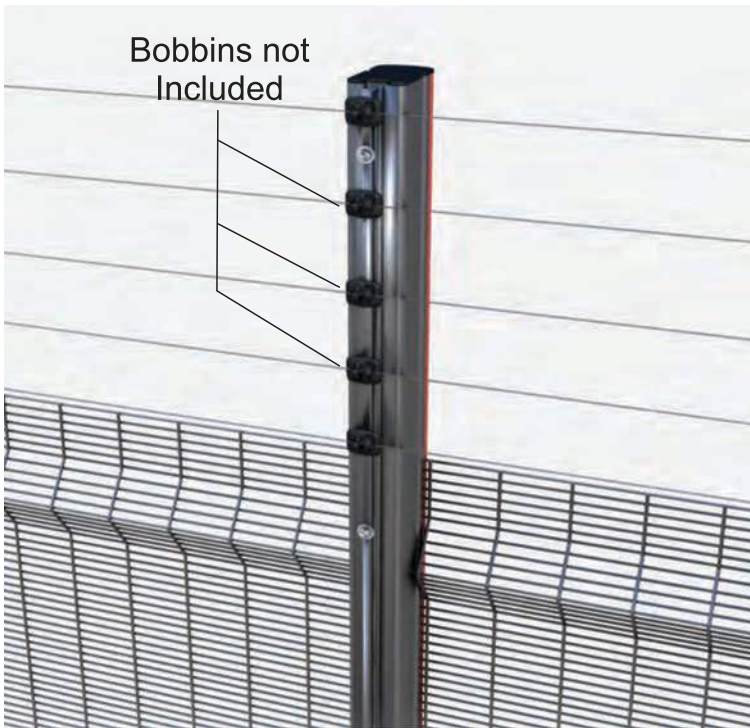
## ADDITIONAL SECURITY

Electric fence brackets are pre-punched for seamless integration onto the back of the post for either the full length or only 650 mm above the fence line. (Bobbins not supplied).

Extended cover plates (above the fence line) accommodate the fixing of flat-wrap razor coil with two lock-in-bobbins.

Spike rails for the top of the fence panel are pinned onto the line wires, secured by a unique anti-tamper fixing method. For protection against the elements these spike rails can be ordered in finishes matching the fence (Powder coating or Thermal plastic coating).

A standard Y-bracket is fixed to the back of the post to fix overhead barbed taped concertina coil. It also has two anti-tampering fixings with extended tie-rods. Y-brackets are available in: Y450, Y730, or Y980.



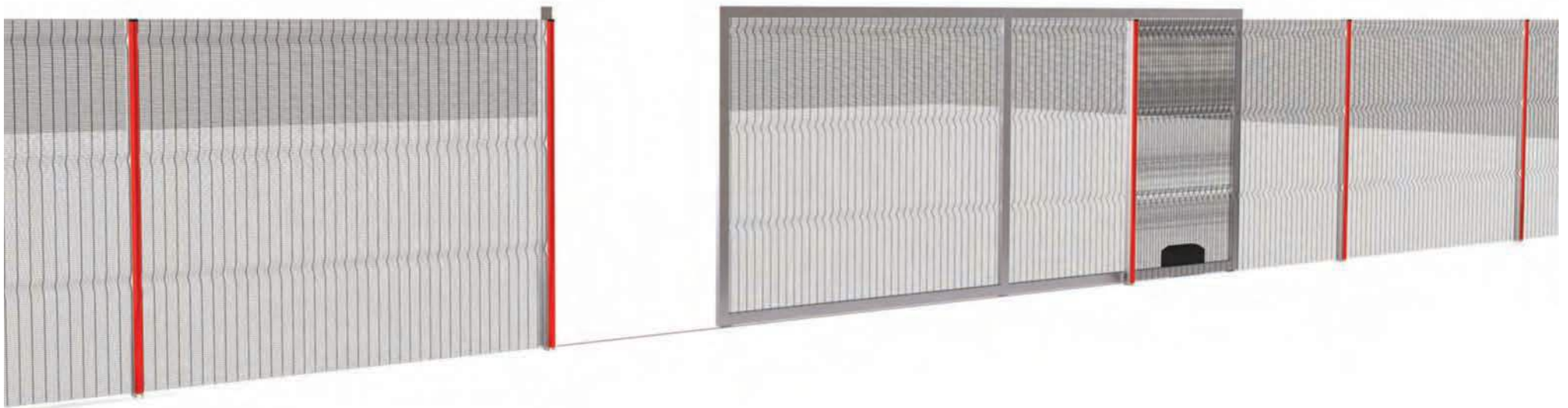
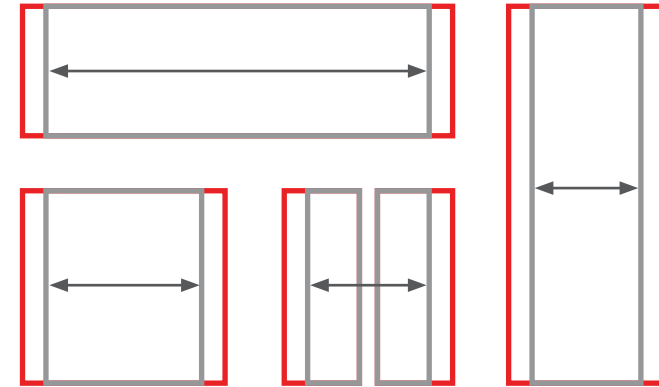
## GATES

All gates are made to customer specification, single swing and double swing gates are unique with a centre pivot mechanism that offer aesthetics' and functionality. The design is patented.

The following finish options are:

- Hot Dipped Galvanising (HDG)
- Thermo Plus® ; Grey, Charcoal, Black or Green

### CUSTOM DIMENSIONS



## ADDITIONAL

### IPE Posts

100 x 55 IPE AA posts are available and can be coated with either colour or anti-corrosion coatings. Panels are fixed with anti-tampering fixings.

### High Security Post

High security post with a roll formed clamp cover plate (pins mesh panel top to bottom) with stainless steel fixings and a steel cap

### Base plate

Base plates with uprights are used for fixing posts to concrete floors or on top of brick walls. Posts are fixed to the uprights by means of stainless steel grade 304 fixings.

Base plate options:

1. 150 mm x 150 mm x 8 mm with one 300 mm up-right
2. 200 mm x 150 mm x 8 mm with two 300 mm up-rights for corners
3. 200 mm x 150 mm x 8 mm with one 600 mm up-right
4. 200 mm x 150 mm x 8 mm with two 600 mm up-rights for corners



Base plate with one 300 mm up-right



Post fitted to base plate

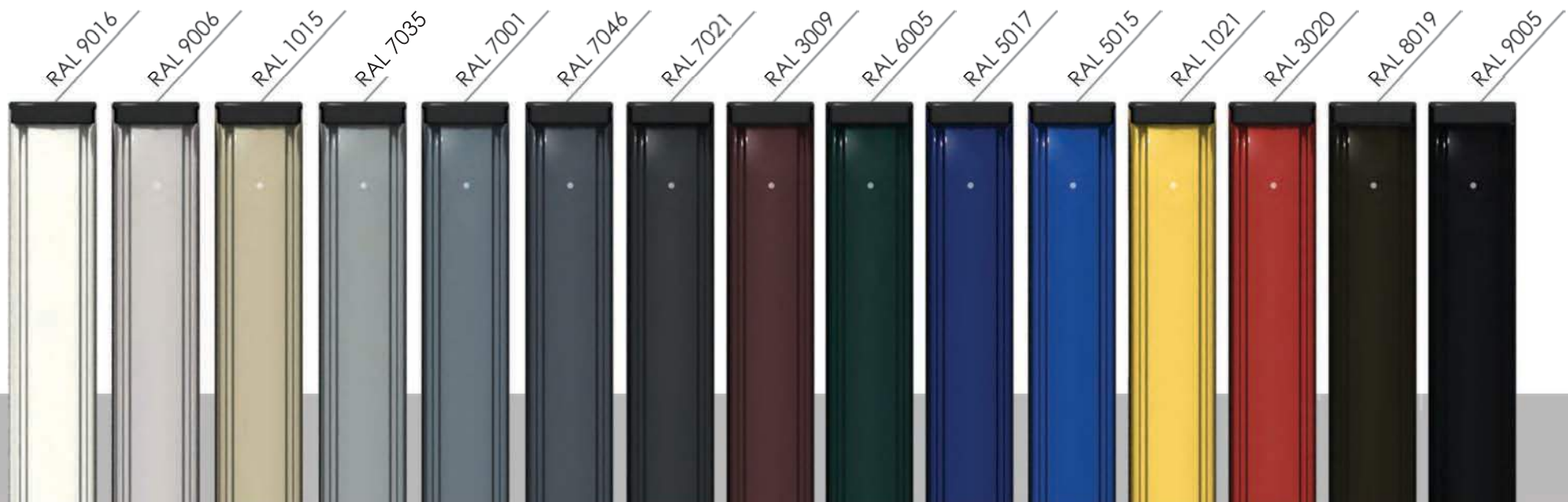


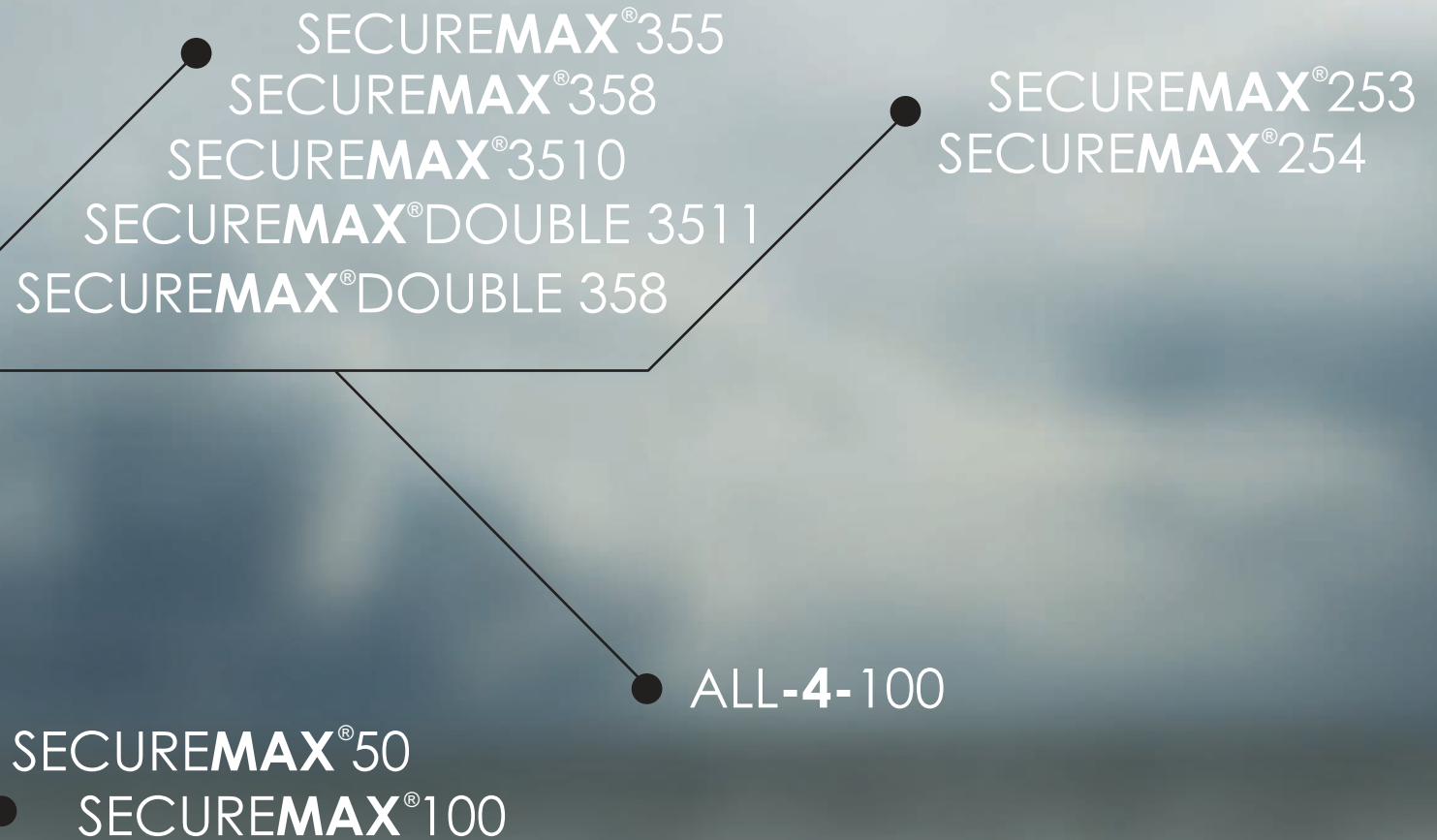
Polyester powder coatings are used where a RAL colour reference is required. See colours below. Thermo Plus® (anti-corrosion) finishes are available in three colours: Charcoal, Black and Green.

## POWDER COATING

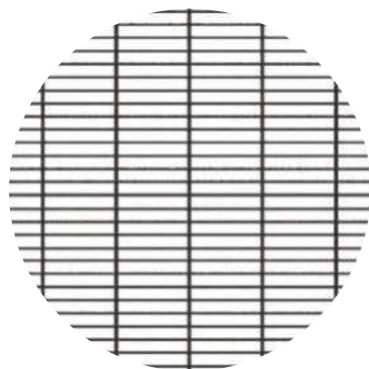
Colour Representation: All images and colour swatches in this brochure are intended as an approximation of the actual product. Variations in colour, gloss, and texture may occur due to the nature of the powder coating process and limitations in digital or print reproduction. Wireforce does not guarantee that the brochure colours will perfectly match the delivered products. It is the customer's sole responsibility to verify the finish against a physical sample prior to ordering.

No claims for colour disparity will be accepted after an order is processed











## Technical Specifications

Height (mm)	1 200	1 500	1 800	2 000	2 100	2 400	3 000
V-Bends	2	3	3	3	3	4	5
Width (mm)	3 050						(3 000 between posts)
Aperture (mm)	75 x 12.7						

Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length	1 800	2 100	2 400	2 600	2 700	3 000	3600
Base Plate Post Length	1 200	1 500	1 800	2 000	2 100	2 400	3 000

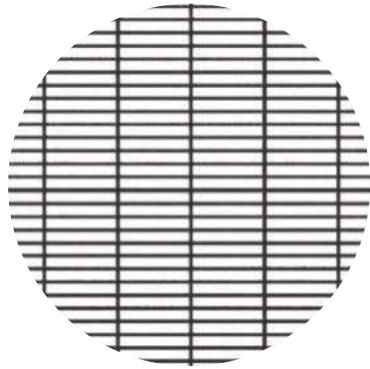
Coating Options	
Powder Coating	Thermo Plus <sup>®</sup>

Wire Diameter	 4.00 mm  3.00 mm	Zinc Aluminium Coated 205 - 220g/m <sup>2</sup>
Zinc Aluminium Coating	92% Zinc / 8% Aluminium	



SECUREMAX<sup>®</sup> 358

# 12 SECUREMAX<sup>®</sup> 358



## Technical Specifications

Height (mm)	1 200	1 500	1 800	2 000	2 100	2 400	3 000
V-Bends	2	3	3	3	3	4	5
Width (mm)	3 050						(3 000 between posts)
Aperture (mm)	75 x 12.7						

Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length	1 800	2 100	2 400	2 600	2 700	3 000	3600
Base Plate Post Length	1 200	1 500	1 800	2 000	2 100	2 400	3 000

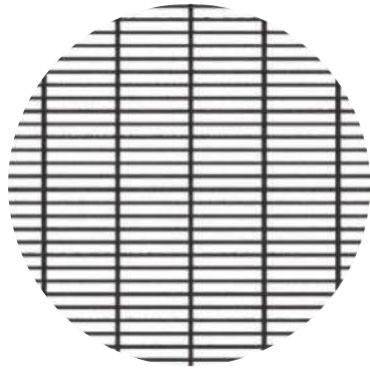
Coating Options	
Powder Coating	Thermo Plus <sup>®</sup>

Wire Diameter	 4.00 mm 4.00 mm	Zinc Aluminium Coated 205 - 220g/m <sup>2</sup>
Zinc Aluminium Coating	92% Zinc / 8% Aluminium	

A security fence made of a dark, fine-mesh material is shown against a blurred background of a landscape with green grass and a cloudy sky. Two vertical red posts are visible, one on the left and one on the right, supporting the fence. The fence is slightly curved, and the background is out of focus, showing a horizon line with some greenery and a sky with light clouds.

SECUREMAX<sup>®</sup> 355

# 14 SECUREMAX<sup>®</sup>355





## Technical Specifications

Height (mm)	1 200	1 800	2 000	2 100	2 400	3 000
V-Bends	2	3	3	3	4	5
Width (mm)	3 050 (3 000 between posts)					
Aperture (mm)	75 x 12.7					

Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

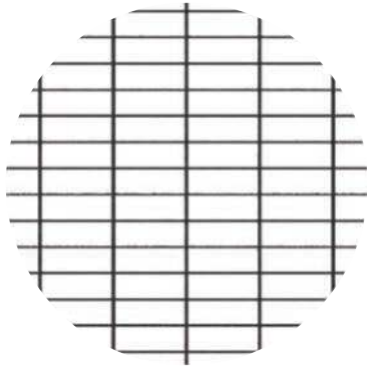
Standard Post Length	1 800	2 400	2 600	2 700	3 000	3 600
Base Plate Post Length	1 200	1 800	2 000	2 100	2 400	3 000

Coating Options	
Powder Coating	Thermo Plus <sup>®</sup>

Wire Diameter	 5.60 mm  4.00 mm	Zinc Aluminium Coated 205 - 220g/m <sup>2</sup>
Zinc Aluminium Coating	92% Zinc / 8% Aluminium	

A security fence made of black wire mesh is supported by a red vertical post. The fence is set against a background of a building with a grid of windows. The text 'SECUREMAX® 253' is printed in white on a dark grey rectangular sign at the bottom left of the fence.

SECUREMAX® 253





## Technical Specifications

Height (mm)	1 200	1 500	1 800	2 000	2 100	2 400	3 000
V-Bends	2	3	3	3	3	4	5
Width (mm)	3 050 (3 000 between posts)						
Aperture (mm)	75 x 25						

Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length	1 800	2 100	2 400	2 600	2 700	3 000	3600
Base Plate Post Length	1 200	1 500	1 800	2 000	2 100	2 400	3 000

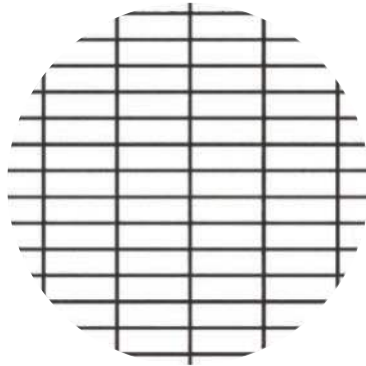
Coating Options	
Powder Coating	Thermo Plus <sup>®</sup>

Wire Diameter	 4.00 mm  3.00 mm	Zinc Aluminium Coated 205 - 220g/m <sup>2</sup>
Zinc Aluminium Coating	92% Zinc / 8% Aluminium	



SECUREMAX® 254

# 18 SECUREMAX<sup>®</sup> 254





## Technical Specifications

Height (mm)	1 200	1 500	1 800	2 000	2 100	2 400	3 000	
V-Bends	2	3	3	3	3	4	5	
Width (mm)	3 050						(3 000 between posts)	
Aperture (mm)	75 x 25							

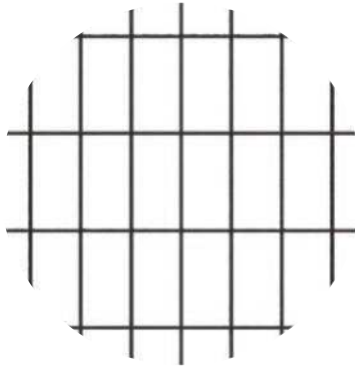
Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length	1 800	2 100	2 400	2 600	2 700	3 000	3600
Base Plate Post Length	1 200	1 500	1 800	2 000	2 100	2 400	3 000

Coating Options	
Powder Coating	Thermo Plus <sup>®</sup>

Wire Diameter	 4.00 mm  4.00 mm	Zinc Aluminium Coated 205 - 220g/m <sup>2</sup>
Zinc Aluminium Coating	92% Zinc / 8% Aluminium	







## Technical Specifications

Height (mm)	1 200	1 800	2 100	2 400
V-Bends	3	4	4	4
Width (mm)	3 050 (3 000 between posts)			
Aperture (mm)	50 x 100			

Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

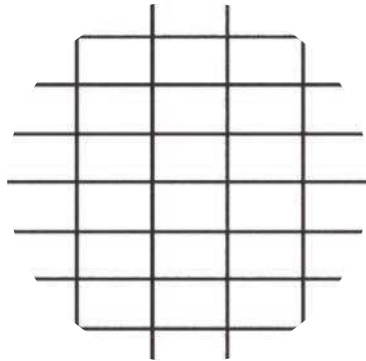
Standard Post Length	1 800	2 400	2 700	3 000
Base Plate Post Length	1 200	1 800	2 100	2 400

Coating Options	
Powder Coating	Thermo Plus®

Wire Diameter	 4.00 mm  4.00 mm	Zinc Aluminium Coated 205 - 220g/m <sup>2</sup>
Zinc Aluminium Coating	92% Zinc / 8% Aluminium	

A security fence with a red post and a black mesh, with a building in the background.

SECUREMAX<sup>®</sup> 50





## Technical Specifications

Height (mm)	1 200	1 500	1 800	2 000	2 100	2 400	3 000	
V-Bends	3	4	4	4	4	5	6	
Width (mm)	3 050						(3 000 between posts)	
Aperture (mm)	75 x 50							

Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

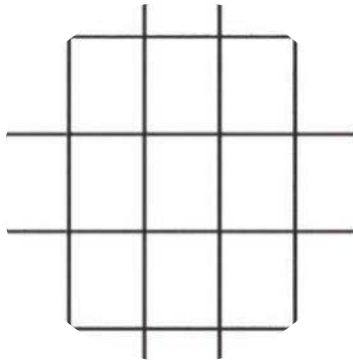
Standard Post Length	1 800	2 100	2 400	2 600	2 700	3 000	3600
Base Plate Post Length	1 200	1 500	1 800	2 000	2 100	2 400	3 000

Coating Options	
Powder Coating	Thermo Plus <sup>®</sup>

Wire Diameter	 4.00 mm  3.00 mm	Zinc Aluminium Coated 205 - 220g/m <sup>2</sup>
Zinc Aluminium Coating	92% Zinc / 8% Aluminium	



SECUREMAX® 100





## Technical Specifications

Height (mm)	1 200	1 800	2 000	2 100	2 400	3 000
V-Bends	2	4	4	4	4	5
Width (mm)	3 050 (3 000 between posts)					
Aperture (mm)	75 x 100					

Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length	1 800	2 400	2 600	2 700	3 000	3600
Base Plate Post Length	1 200	1 800	2 000	2 100	2 400	3 000

Coating Options	
Powder Coating	Thermo Plus <sup>®</sup>

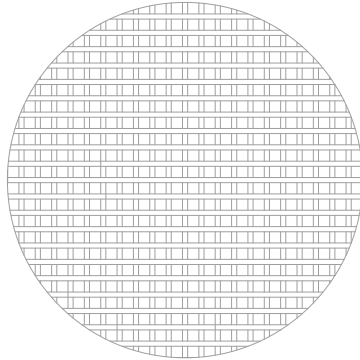
Wire Diameter	 4.00 mm  4.00 mm	Zinc Aluminium Coated 205 - 220g/m <sup>2</sup>
Zinc Aluminium Coating	92% Zinc / 8% Aluminium	



SECUREULTRA™ 3511

# 26 SECUREULTRA™ 3511

Manufactured on enquiry





## Technical Specifications

Height (mm)				2 100	2 400	3 000
V-Bends	No V-Bends required					
Width (mm)				3 000	(2950 between posts)	
Aperture (mm)	10mm x 10mm x 4mm					

Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length				2 700	3 000	3 600
Base Plate Post Length				2 100	2 400	3 000

Coating Options	
Powder Coating	Thermo Plus®

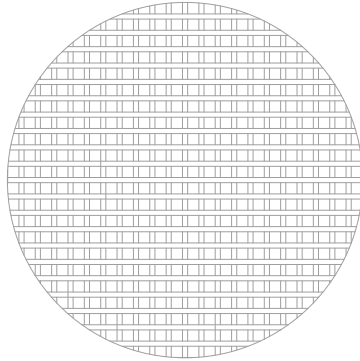
Wire Diameter	 3.00 mm  3.00 mm	Zinc Aluminium Coated 205 - 220g/m <sup>2</sup>
Zinc Aluminium Coating	92% Zinc / 8% Aluminium	



SECUREULTRA™ 358

# 28 SECUREULTRA™ 358

Manufactured on enquiry





## Technical Specifications

Height (mm)				2 100	2 400	3 000
V-Bends	No V-Bends required					
Width (mm)				3 000	(2950 between posts)	
Aperture (mm)	10mm x 10mm x 4mm					

Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length				2 700	3 000	3 600
Base Plate Post Length				2 100	2 400	3 000

Coating Options	
Powder Coating	Thermo Plus®

Wire Diameter	 4.00 mm  4.00 mm	Zinc Aluminium Coated 205 - 220g/m <sup>2</sup>
Zinc Aluminium Coating	92% Zinc / 8% Aluminium	

# WIREWALL<sup>®</sup> SECURESMART<sup>™</sup>

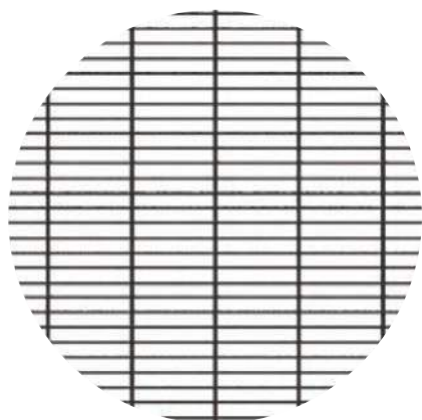
SMART PROTECTION. SMART PRICE.

## POSITIONING

- Entry-level / value-focused option.
- Designed with cost-conscious customers in mind.
- Well-suited for both residential use and light commercial applications.

## KEY ATTRIBUTES

- Affordable without compromising essential security.
- Practical, easy to install, and dependable.
- Best suited for sites where budget and efficiency are priorities.





Height (mm)	1 200	1 500	1 800	2 000	2 100	2 400	3 000
V-Bends	3	4	4	4	4	5	6
Width (mm)	3 050						
Aperture (mm)	75x15						

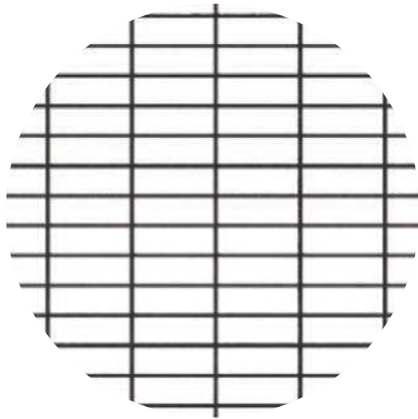
Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length	1 700	2 100	2 400	2 600			
Base Plate Post Length	1 250	1 550	1 850	2 050			

For fences exceeding 2000mm in height, we recommend using our SecureMax® post.

Coating Options		
Zinc Coating	Thermo Plus®	Powder Coating

Wire Diameter	 3.00 mm  3.00 mm	Zinc Coated
Zinc Coating	Class "C" SABS 50g/m <sup>2</sup>	





Height (mm)	1 200	1 500	1 800	2 000	2 100	2 400	3 000
V-Bends	3	4	4	4	4	5	6
Width (mm)	3 050						
Aperture (mm)	75x25						

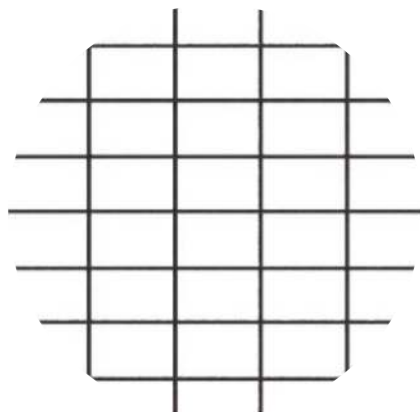
Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length	1 700	2 100	2 400	2 600			
Base Plate Post Length	1 250	1 550	1 850	2 050			

For fences exceeding 2000mm in height, we recommend using our SecureMax® post.

Coating Options		
Zinc Coating	Thermo Plus®	Powder Coating

Wire Diameter	 3.00 mm  3.00 mm	Zinc Coated
Zinc Coating	Class "C" SABS 50g/m <sup>2</sup>	




Height (mm)	1 200	1 500	1 800	2 000	2 100	2 400	3 000
V-Bends	3	4	4	4	4	5	6
Width (mm)	3 050						
Aperture (mm)	75x50						

Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length	1 700	2 100	2 400	2 600			
Base Plate Post Length	1 250	1 550	1 850	2 050			

For fences exceeding 2000mm in height, we recommend using our SecureMax® post.

Coating Options		
Zinc Coating	Thermo Plus®	Powder Coating

Wire Diameter	 3.00 mm  3.00 mm	Zinc Coated
Zinc Coating	Class "C" SABS 50g/m <sup>2</sup>	

## SECURESMART™ WIRE POST



Planted 475 and 575 deep

Dimensions (mm)	65mm Wide	70mm Deep
Shape Type	U-Shaped Post	
Aperture (mm)	50 Vertical	45.20 Horizontal

Fixings	40 x 2mm x 50mm clamp Aluminium	M6 dome head bolt 85mm long Stainless Steel	M6 sheer nut Stainless Steel
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Weld Strength	60 - 80%
Tensile Strength	450 - 520 MPa

Standard Post Length	1 700	2 100	2 400	2 600			
Base Plate Post Length	1 250	1 550	1 850	2 050			

For fences exceeding 2000mm in height, we recommend using our SecureMax® post.

Coating Options		
Zinc Coating	Thermo Plus®	Powder Coating

Wire Diameter	 4.00 mm 4.00 mm	Zinc Coated
Zinc Coating	Class "C" SABS 50g/m <sup>2</sup>	



# OTHER PRODUCTS BY WIREFORCE

## Agricultural fencing

- IOWA barbed wire (double stranded)
- Drakensberg barbed wire (single stranded)
- Galvanised Wire
- High strain wire
- Stay and Earth wire
- Diamond mesh
- Hexagonal wire netting
- Field fence and Precision mesh
- Standards and droppers
- Posts, Stays & Gates
- Stay Rods
- Guy force Grips

## Security fencing

- Galvanised welded security fencing
- Econo galvanised welded mesh
- Razor wire flat wrap
- Concertina razor wire
- Razor wall

## Roofing

- Corrugated roof sheeting
- IBR roof sheeting

## Construction & Reinforcement

- Brickforce
- Crimped wire
- Gabion Baskets
- Welded Rock Wall Baskets
- Construction Plastics
- Spacers
- Reinforcing mesh
- Specimesh
- Black annealed wire
- Bailing wire spooled
- Rebar
- Round bar

## Fasteners and Nails

- Clout nails
- Panel pins
- Steel cut nails
- Steel fluted nails
- Wire nails
- Roofing screws
- Fencing Staples
- Oval and Ring shank nails





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