



Vi-guard

Sanctuary defined by Vi-biZ

General Technical Specifications

2022 Edition



Table of contents

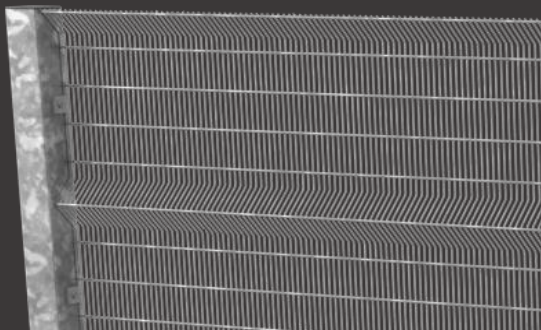
Page 1:

General Technical Specifications

Page 2:

Vi-guarD ProMax

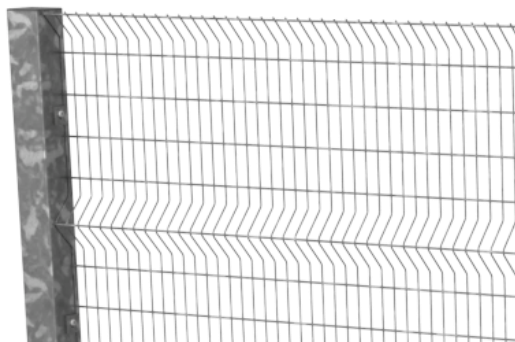
Explained and illustrated



Page 3:

Vi-guarD Max

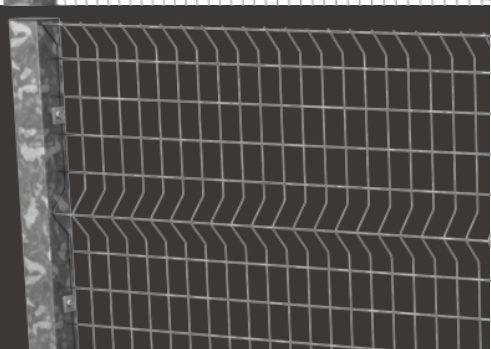
Explained and illustrated



Page 4:

Vi-guarD ProLite

Explained and illustrated



Page 5:

Vi-guarD Lite

Explained and illustrated



Page 6:

Gate Access Systems

Page 7:

Optional Extras

General Technical Specifications

Product Range	Vi-guarD ProMax	Vi-guarD Max	Vi-guarD ProLite	Vi-guarD Lite
Description Key				
Panel Height - meter (m)	1.8 / 2.0 / 2.1 / 2.4	1.8 / 2.0 / 2.1 / 2.4	1.2 / 1.8 / 2.0 / 2.1 / 2.4	1.2 / 1.8 / 2.0 / 2.1 / 2.4
Wire Size - millimeters (mm)	3x3 / 3x4 / 5.6x3 / 5.6x4	3x4	3x4	4x4
Aperture Size - millimeters (mm)	12x76	25x76	50x76	50x100 / 50x200
Reference	519 / 577 / 734 / 1046	359	254	308 / 258
Notes	ProMax 1.2 (not available) - 519	Max 1.2 (not available) - 359	ProLite 1.2 (3x4 / 50x76) - 254	Lite 1.2 (4x4 / 50x100) - 308
* standard panel width 3m	ProMax 1.8 (3x3 / 12x76) - 519	Max 1.8 (3x4 / 25x76) - 359	ProLite 1.8 (3x4 / 50x76) - 254	Lite 1.8 (4x4 / 50x100) - 308
	ProMax 2.0 (3x3 / 12x76) - 519	Max 2.0 (3x4 / 25x76) - 359	ProLite 2.0 (3x4 / 50x76) - 254	Lite 2.0 (4x4 / 50x100) - 308
	ProMax 2.1 (3x3 / 12x76) - 519	Max 2.1 (3x4 / 25x76) - 359	ProLite 2.1 (3x4 / 50x76) - 254	Lite 2.1 (4x4 / 50x100) - 308
	ProMax 2.4 (3x3 / 12x76) - 519	Max 2.4 (3x4 / 25x76) - 359	ProLite 2.4 (3x4 / 50x76) - 254	Lite 2.4 (4x4 / 50x100) - 308
	ProMax 1.2 (not available) - 577			Lite 1.2 (4x4 / 50x200) - 258
	ProMax 1.8 (3x4 / 12x76) - 577			Lite 1.8 (4x4 / 50x200) - 258
	ProMax 2.0 (3x4 / 12x76) - 577			Lite 2.0 (4x4 / 50x200) - 258
	ProMax 2.1 (3x4 / 12x76) - 577			Lite 2.1 (4x4 / 50x200) - 258
	ProMax 2.4 (3x4 / 12x76) - 577			Lite 2.4 (4x4 / 50x200) - 258
	ProMax 2.4 (5.6x3 / 12x76) - 734			
	ProMax 1.8 (5.6x4 / 12x76) - 1046			
	ProMax 2.0 (5.6x4 / 12x76) - 1046			
	ProMax 2.4 (5.6x4 / 12x76) - 1046			
Panel Aperture Sizes	12mm x 76mm	25mm x 76mm	50mm x 76mm	50mm x 100mm / 50mm x 200mm
Tolerance on Aperture	12 = 0.5mm / 25 = 0.75mm / 50 = 1.0mm / 100 = 1.5mm / 200 = 2.0mm			
Weld Penetration	Class A pre-galvanized to SANS 935 (7.5%) Black (5%)			
Wire Arrangement	Vertical Aperture - provides a highly transparent fence with increased difficulty to scale ...			
Wire Composition	High Tensile Wire 500Mpa - 700Mpa			
Coating Options	Class A Galvanized	Polyester Powder	PlasCoat PVC	
Sheet Bend Arrangement	Ave. Number of Bends	Sheet Top Bend	Sheet Bottom Bend	
	4 (adds panel rigidity)	40 Deg. Nominal	40 Deg. Nominal	



More than meets the eye...

The Vi-guarD range of welded mesh panel systems provide barrier solutions to a wide and varied range of applications including domestic, commercial & industrial security installations.

Vi-guarD is flexible and can be fitted as a complete system or can be retrofitted to enhance existing perimeter fences. Rugged secure perimeter fencing solution enhancing the value of people, property and assets, aesthetically pleasing, offering maximum protection...

ProMax Series

Unrivalled in quality, strength and security.

Vi-guarD ProMax is up to the challenge for every application, environment and situation.



ProMax explained

Technical Specification

Product Name	Horizontal Wire Diameter	Vertical Wire Diameter	Wire Mesh Aperture Size	Panel Height	Panel Width	Panel Mass	Post Height	Post Mass	Clamps per Panel	Bolts per Post
Clear View - Transparent Wall Vi-guarD ProMax - 519	Millimeter (mm)	Millimeter (mm)	Millimeter (mm)	Meter (m)	Meter (m)	Kilogram (kg)	Meter (m)	Kilogram (kg)	Quantity	Quantity
ProMax 1.8 (3x3 / 12x76) - 519	3,00	3,00	12 x 76	1,80	3,00	29,55	2,40	13,60	8	8
ProMax 2.0 (3x3 / 12x76) - 519	3,00	3,00	12 x 76	2,00	3,00	32,68	2,60	14,40	10	10
ProMax 2.1 (3x3 / 12x76) - 519	3,00	3,00	12 x 76	2,10	3,00	34,31	2,70	15,20	10	10
ProMax 2.4 (3x3 / 12x76) - 519	3,00	3,00	12 x 76	2,40	3,00	38,50	3,00	16,00	12	12
ProMax SECURITY						Intrude-Resist / Climb-Resist / Cut-Resist / Tamper-Resist				

Technical Specification

Product Name	Horizontal Wire Diameter	Vertical Wire Diameter	Wire Mesh Aperture Size	Panel Height	Panel Width	Panel Mass	Post Height	Post Mass	Clamps per Panel	Bolts per Post
Clear View - Transparent Wall Vi-guarD ProMax - 577	Millimeter (mm)	Millimeter (mm)	Millimeter (mm)	Meter (m)	Meter (m)	Kilogram (kg)	Meter (m)	Kilogram (kg)	Quantity	Quantity
ProMax 1.8 (3x4 / 12x76) - 577	3,00	4,00	12 x 76	1,80	3,00	33,00	2,40	13,60	8	8
ProMax 2.0 (3x4 / 12x76) - 577	3,00	4,00	12 x 76	2,00	3,00	36,50	2,60	14,40	10	10
ProMax 2.1 (3x4 / 12x76) - 577	3,00	4,00	12 x 76	2,10	3,00	38,33	2,70	15,20	10	10
ProMax 2.4 (3x4 / 12x76) - 577	3,00	4,00	12 x 76	2,40	3,00	43,00	3,00	16,00	12	12
ProMax SECURITY						Intrude-Resist / Climb-Resist / Cut-Resist / Tamper-Resist				

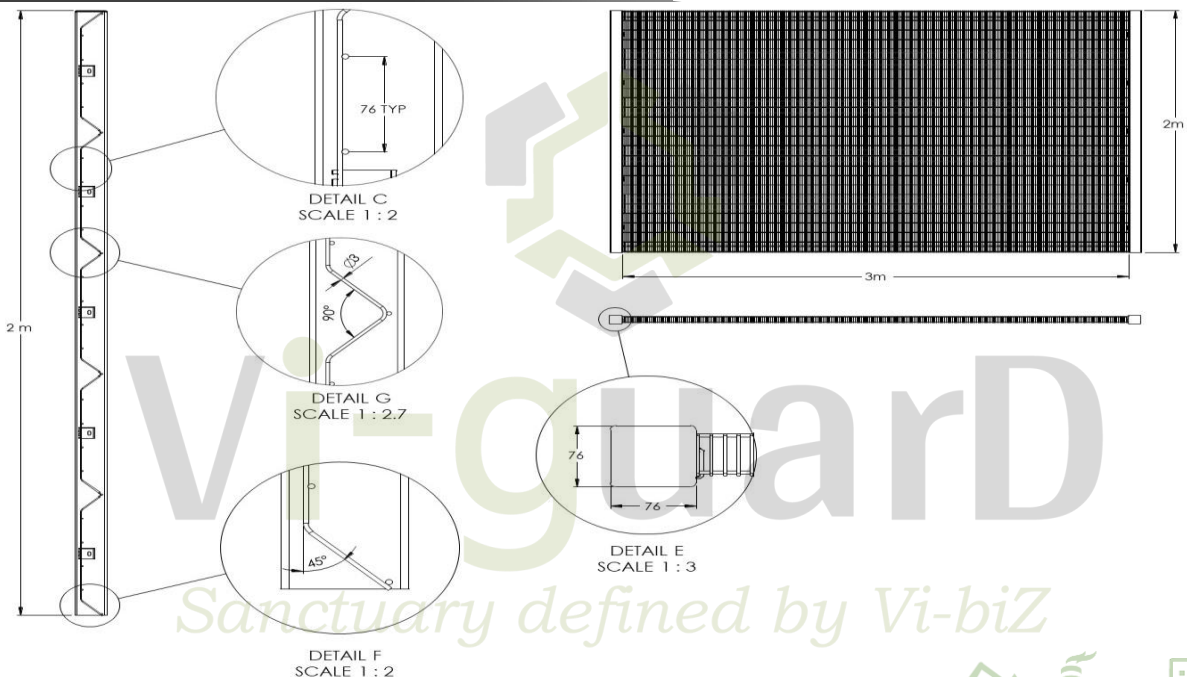
Technical Specification

Product Name	Horizontal Wire Diameter	Vertical Wire Diameter	Wire Mesh Aperture Size	Panel Height	Panel Width	Panel Mass	Post Height	Post Mass	Clamps per Panel	Bolts per Post
Clear View - Transparent Wall Vi-guarD ProMax - 734	Millimeter (mm)	Millimeter (mm)	Millimeter (mm)	Meter (m)	Meter (m)	Kilogram (kg)	Meter (m)	Kilogram (kg)	Quantity	Quantity
ProMax 2.4 (5.6x3 / 12x76) - 734	5,60	3,00	12 x 76	2,40	3,00	53,75	3,00	16,00	12	12
ProMax SECURITY						Intrude-Resist / Climb-Resist / Cut-Resist / Tamper-Resist				

Technical Specification

Product Name	Horizontal Wire Diameter	Vertical Wire Diameter	Wire Mesh Aperture Size	Panel Height	Panel Width	Panel Mass	Post Height	Post Mass	Clamps per Panel	Bolts per Post
Clear View Transparency Vi-guarD ProMax - 1046	Millimeter (mm)	Millimeter (mm)	Millimeter (mm)	Meter (m)	Meter (m)	Kilogram (kg)	Meter (m)	Kilogram (kg)	Quantity	Quantity
ProMax 1.8 (5.6x4 / 12x76) - 1046	5,60	4,00	12 x 76	1,80	3,00	46,05	2,40	13,60	8	8
ProMax 2.0 (5.6x4 / 12x76) - 1046	5,60	4,00	12 x 76	2,00	3,00	51,17	2,60	14,40	10	10
ProMax 2.4 (5.6x4 / 12x76) - 1046	5,60	4,00	12 x 76	2,40	3,00	60,20	3,00	16,00	12	12
ProMax SECURITY						Intrude-Resist / Climb-Resist / Cut-Resist / Tamper-Resist				

ProMax illustrated



Vi-guarD ProMax is suitable for:



Max Series

The perfect balance between security and affordability.
Vi-guarD Max is the unsung hero for hundreds of commercial, industrial and private projects.



Max explained

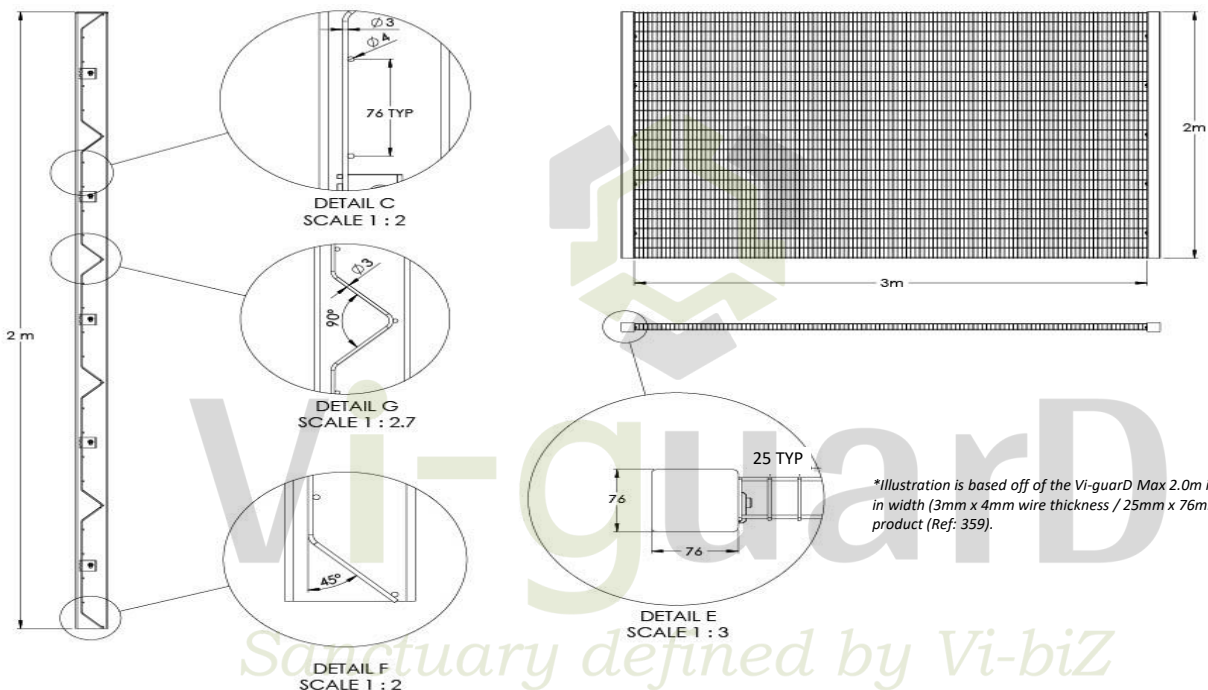
Technical Specification

Clear View - Transparent Wall	Horizontal Wire Diameter	Vertical Wire Diameter	Wire Mesh Aperture Size	Panel Height	Panel Width	Panel Mass	Post Height	Post Mass	Clamps per Panel	Bolts per Post
Vi-guarD Max - 359	Millimeter (mm)	Millimeter (mm)	Millimeter (mm)	Meter (m)	Meter (m)	Kilogram (kg)	Meter (m)	Kilogram (kg)	Quantity	Quantity
Max 1.8 (3x4 / 25x76) - 359	3,00	4,00	25 x 76	1,80	3,00	29,55	2,40	13,60	8	8
Max 2.0 (3x4 / 25x76) - 359	3,00	4,00	25 x 76	2,00	3,00	32,68	2,60	14,40	10	10
Max 2.1 (3x4 / 25x76) - 359	3,00	4,00	25 x 76	2,10	3,00	34,31	2,70	15,20	10	10
Max 2.4 (3x4 / 25x76) - 359	3,00	4,00	25 x 76	2,40	3,00	38,50	3,00	16,00	12	12
Max SECURITY						Intrude-Resist / Climb-Resist / Cut-Resist / Tamper-Resist				

Vi-guarD

Sanctuary defined by Vi-biZ

Max illustrated



ProLite Series

Gets the job done at the lowest price.

Vi-guarD ProLite is the perfect barrier solution for commercial and private residences .



ProLite explained

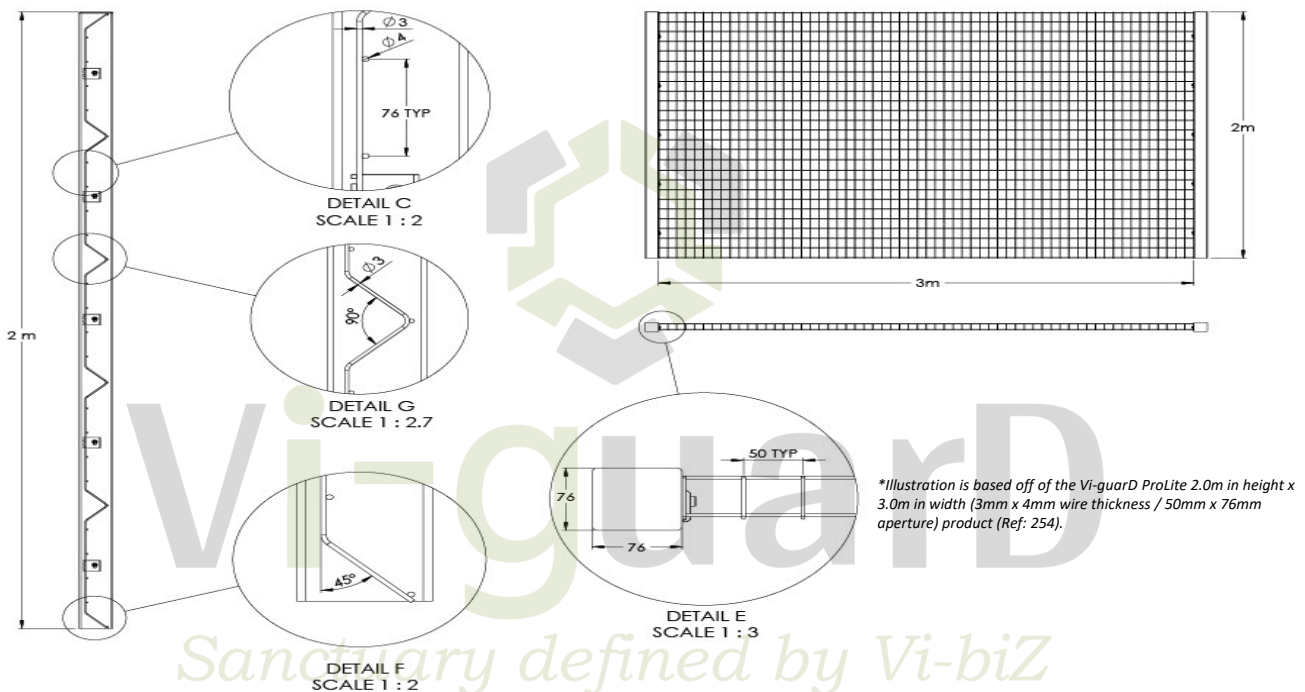
Technical Specification

<i>Clear View - Transparent Wall</i>	Horizontal Wire Diameter	Vertical Wire Diameter	Wire Mesh Aperture Size	Panel Height	Panel Width	Panel Mass	Post Height	Post Mass	Clamps per Panel	Bolts per Post
Vi-guarD ProLite - 254	Millimeter (mm)	Millimeter (mm)	Millimeter (mm)	Meter (m)	Meter (m)	Kilogram (kg)	Meter (m)	Kilogram (kg)	Quantity	Quantity
ProLite 1.2 (3x4 / 50x76) - 254	3,00	4,00	50 x 76	1,20	3,00	20,69	1,80	11,56	6	6
ProLite 1.8 (3x4 / 50x76) - 254	3,00	4,00	50 x 76	1,80	3,00	22,88	2,40	13,60	8	8
ProLite 2.0 (3x4 / 50x76) - 254	3,00	4,00	50 x 76	2,00	3,00	24,02	2,60	14,40	10	10
ProLite 2.1 (3x4 / 50x76) - 254	3,00	4,00	50 x 76	2,00	3,00	25,22	2,70	15,20	10	10
ProLite 2.4 (3x4 / 50x76) - 254	3,00	4,00	50 x 76	2,40	3,00	26,95	3,00	16,00	12	12
ProLite SECURITY						Intrude-Resist / Climb-Resist / Cut-Resist / Tamper-Resist				

Vi-guarD

Sanctuary defined by Vi-biZ

ProLite illustrated



Sanctuary defined by Vi-biZ

Lite Series

Vi-guard Lite is extremely tough with extremely transparent aesthetics.



Lite explained

Technical Specification

Clear View - Transparent Wall	Horizontal Wire Diameter	Vertical Wire Diameter	Wire Mesh Aperture Size	Panel Height	Panel Width	Panel Mass	Post Height	Post Mass	Clamps per Panel	Bolts per Post
Vi-guard Lite - 308	Millimeter (mm)	Millimeter (mm)	Millimeter (mm)	Meter (m)	Meter (m)	Kilogram (kg)	Meter (m)	Kilogram (kg)	Quantity	Quantity
Lite 1.2 (4x4 / 50x100) - 308	4,00	4,00	50 x 100	1,20	3,00	12,67	1,80	13,60	6	6
Lite 1.8 (4x4 / 50x100) - 308	4,00	4,00	50 x 100	1,80	3,00	19,00	2,40	14,40	8	8
Lite 2.0 (4x4 / 50x100) - 308	4,00	4,00	50 x 100	2,00	3,00	21,00	2,60	15,20	10	10
Lite 2.4 (4x4 / 50x100) - 308	4,00	4,00	50 x 100	2,40	3,00	25,00	3,00	16,00	12	12

Lite SECURITY

Intrude-Resist / Climb-Resist / Cut-Resist / Tamper-Resist

Technical Specification

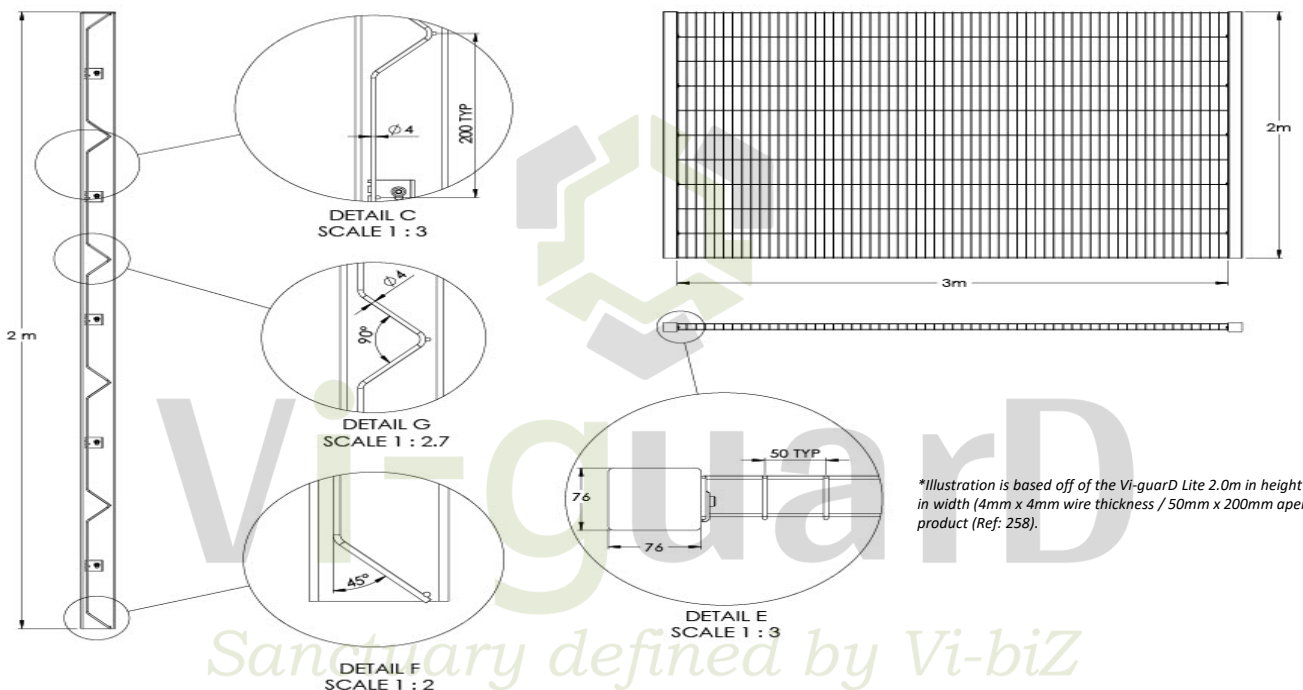
Clear View - Transparent Wall	Horizontal Wire Diameter	Vertical Wire Diameter	Wire Mesh Aperture Size	Panel Height	Panel Width	Panel Mass	Post Height	Post Mass	Clamps per Panel	Bolts per Post
Vi-guard Lite - 258	Millimeter (mm)	Millimeter (mm)	Millimeter (mm)	Meter (m)	Meter (m)	Kilogram (kg)	Meter (m)	Kilogram (kg)	Quantity	Quantity
Lite 1.2 (4x4 / 50x200) - 258	4,00	4,00	50 x 200	1,20	3,00	10,67	1,80	13,60	6	6
Lite 1.8 (4x4 / 50x200) - 258	4,00	4,00	50 x 200	1,80	3,00	16,00	2,40	14,40	8	8
Lite 2.0 (4x4 / 50x200) - 258	4,00	4,00	50 x 200	2,00	3,00	18,00	2,60	15,20	10	10
Lite 2.4 (4x4 / 50x200) - 258	4,00	4,00	50 x 200	2,40	3,00	21,00	3,00	16,00	12	12

Lite SECURITY

Intrude-Resist / Climb-Resist / Cut-Resist / Tamper-Resist

Sanctuary defined by Vi-biZ

Lite illustrated



Gate Access Systems

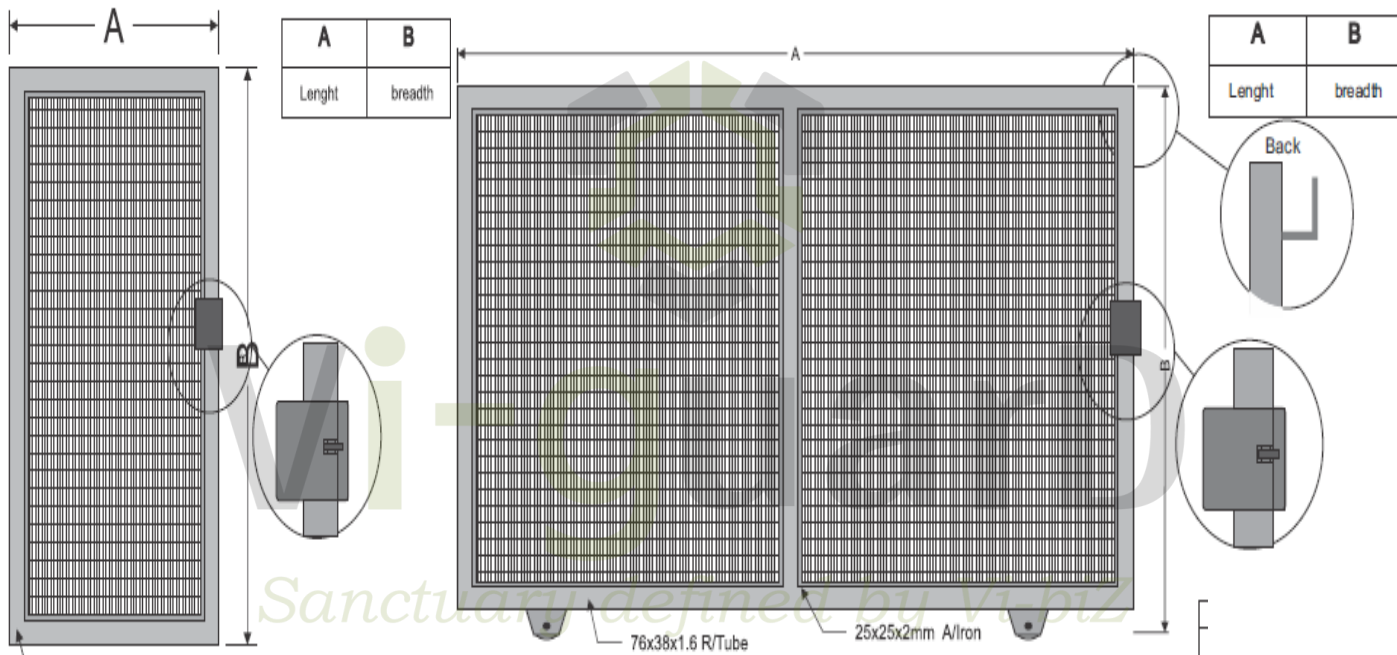
Gate Access Explained

Vi-guarD Gate Access System Series					
Product Name	Horizontal / Vertical Wire Diameter	Wire Mesh Aperture Size	Gate Height	Hinges	Lock Tabs
	Millimeter (mm)	Millimeter (mm)	Meter (m)	Quantity	Quantity
Clear View - Transparent Wall Swing Gates					
Swing Gate 1.2m H x 1.0m W - F/O			1,20	2	1
Swing Gate 1.8m H x 1.0m W - F/O			1,80	2	1
Swing Gate 2.0m H x 1.0m W - F/O			2,00	2	1
Swing Gate 2.1m H x 1.0m W - F/O			2,10	2	1
Swing Gate 2.4m H x 1.0m W - F/O			2,40	2	1
Intrude-Resist / Climb-Resist / Cut-Resist / Tamper-Resist					

Vi-guarD Gate Access System Series					
Product Name	Horizontal / Vertical Wire Diameter	Wire Mesh Aperture Size	Gate Height	Hinges	Lock Tabs
	Millimeter (mm)	Millimeter (mm)	Meter (m)	Quantity	Quantity
Clear View - Transparent Wall Slide Gates					
Slide Gate 1.2m H x 1.0m W - F/O			1,20	2	1
Slide Gate 1.8m H x 1.0m W - F/O			1,80	2	1
Slide Gate 2.0m H x 1.0m W - F/O			2,00	2	1
Slide Gate 2.1m H x 1.0m W - F/O			2,10	2	1
Slide Gate 2.4m H x 1.0m W - F/O			2,40	2	1
Intrude-Resist / Climb-Resist / Cut-Resist / Tamper-Resist					

Sanctuary defined by Vi-biZ

Gate Access illustrated



Optional Extras

Optional Extras Explained

Vi-guarD Optional Extras	Technical Specification									
Vi-MultiSpike	single row / lateral mount - including tamper proof shear nut & bolt (1.5m strips only)									
Vi-MaxiSpike	double row / top mount - including tamper proof shear nut & bolt (1.5m strips only)									
Flat-Wrap Razor Coil	Approximate extended coil diameter +/- 600mm (15m coils only)									
Bracket for Flat-Wrap Coil	angle iron or flat bar bracket to accomodate +/-600mm diameter coil - post top-mount									
Razor Coil	Approximate extended coil diameter +/- 600mm (15m coils only)									
Y-Bracket for Razor Coil	angle iron or flat bar Y-bracket to accomodate +/-600mm diameter coil - post top-mount									
Base Plate (300 x 300 x 10mm)	IPE or square tube post base used for solid surface mount installations									
Vi-guarD Burrow-Resist (underdig)	4,00	4,00	50 x 200	0,40	3,00	6,54	0,60	0,60	4	4
Tech Screw D-Bit Adaptor	tamper proof tech screw spanner required for square tube post installations									
Square Tube Post Poly Cap	76 x 76mm square tube post cap									
Safety File	A project compliant safety file based on issued requirement									
Medicals	A project medical compliant installation team based on issued requirement									

Sanctuary defined by Vi-biZ

Square Tube Post & IPE Column explained

Option 1:



Square Tubing Post
76mm x 76mm x 1.6mm

Option 2:



IPE Column
76mm x 44mm
100mm x 55mm



Slotted Fence Panel Fixators
For Square Tubing and IPE Applications



Tech Screw
+ Drill bit Adaptor



Shear Off Nut
& Bolt Set



Scan Here

“Vi-novatE”

*Is the focus on innovative leading edge technology
which make us trendsetters...*



www.vi-biz.com / www.vi-biz.co.za
info@buzniz.co.za / sales@buzniz.co.za
011 956 3069 / 011 956 3022 / 011 662 1421

