

# GARDIA



## WIŚNIEWSKI

GATES | WINDOWS | DOORS | FENCES

## GATE AND WICKET GARDIA

**Intended use:** GARDIA gates and wickets are perfect for all types of private, public, and industrial business activity. The gates are installed around private properties, gardens, parks, schools, nurseries, markets, etc.

### ROBUST STRUCTURE

Gates and wickets with load-bearing posts with a very robust structure, infilled with durable VEGA 2D or VEGA 2D Super mesh panels welded to the structure.

### LOCINOX 180° HINGES

The reliable LOCINOX hinges used make it possible to obtain an opening angle of 180°. The hinges have a wide adjustment range.

### VERSATILE

Thanks to their structure, the gates and wickets make it possible to obtain any swing direction. All you need to do is to properly concrete the posts and, if necessary, rotate the symmetrical catcher and the lock locking latch.

### CORROSION RESISTANT

The gates and wickets are protected against corrosion by hot-dip galvanizing or hot-dip galvanizing and coating with polyester paint.



## Technical data

### Leaf structure

The structure of the gate or wicket is designed and adapted accordingly depending on the dimensions. Raw profiles with the cross-sections of 60x40 or 80x40 [mm] are used.

The infill is the VEGA 2D welded mesh panel (wire gauge 6/5/6) or VEGA 2D Super panel (wire gauge 8/6/8).

### Hinge and lock set

Locinox fiftylock stainless steel lock. Hook lock along with a symmetrical spring-loaded catcher preventing attempts to force the leaf open. Set with a universal swing direction. Lock cylinder with 3 keys. Aluminium handles (natural aluminium), aluminium cover plates in black. 180 degree hinges available in basic colours. The double-leaf gate additionally has an opening limiter, an aluminium deadbolt, and cables protecting the leaf from dropping. Quickfix mounting accessories included.



Fiftylock lock



SFKU catcher



[40 mm] lock cylinder



Aluminium handle

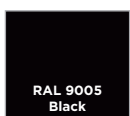


Cover plate made of anodized aluminium

#### Catcher colours



Aluminium



RAL 9005  
Black



RAL 7016  
Graphite



Stainless steel safety cable  
(included with the single- or double-leaf gate)



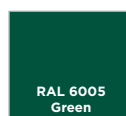
Mounting screw made of non-corrosive steel with high tensile strength - QUICK-FIX



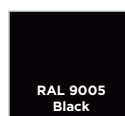
Hinge adjustable in four directions - 180°

Deadbolt with a variable operating direction  
(included with the single- or double-leaf gate)

#### Hinge and deadbolt colours



RAL 6005  
Green



RAL 9005  
Black



RAL 7016  
Graphite



Aluminium



## Optional accessories for the Gardia system



Modulec SF surface-mounted electric strike. Option with the Fiftylock lock with black aluminium handles with variable functionality: handle/pull

### (Option for the wicket)

Modulec SF electric strike colours



LAKQU2 surface-mounted lock with the SAKLQF catcher

Surface-mounted lock colours Stainless steel catcher



Modulec SA electric strike Option with the LAKQU2 surface-mounted lock. Knob: natural aluminium. Option for surface-mounted locks

### (Option for the wicket)

Modulec SA electric strike colours



Surface-mounted lock with a LDKZD1 type double lock cylinder

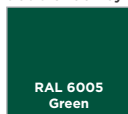


Lock cylinder with a triangle key



Stainless steel cover plate

Colours of the surface-mounted lock with a double lock cylinder







## Wicket and gate types



Gardia wicket with the fiftylock lock and the Modulec-SF electric strike



Wicket with the LAKQU2 surface-mounted lock and the SAKLQF catcher



Wicket with the LAKQU2 surface-mounted lock and the Modulec-SA electric strike



Wicket with a lock with the LDKZD1 double lock cylinder



Single- or double-leaf gate with the LAKQU2 surface-mounted lock and the SAKLQF catcher

## Posts

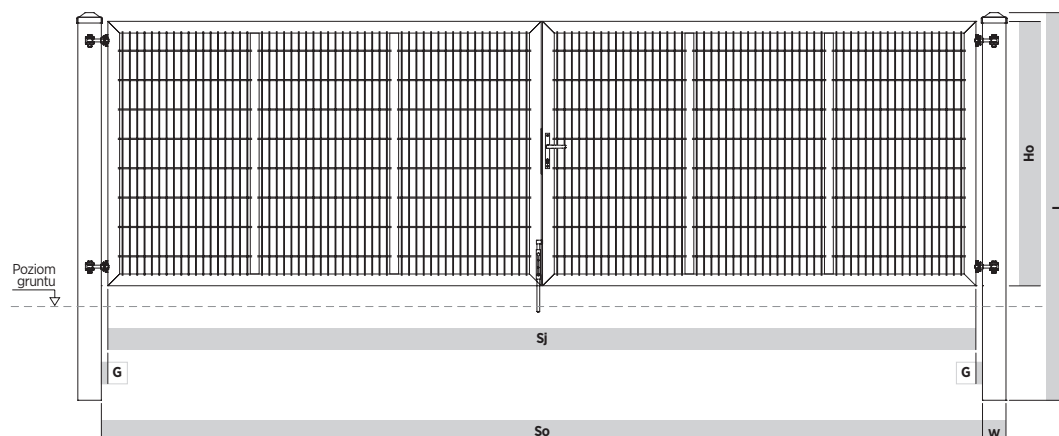
As standard, gate and wicket posts are an integral part of the product. It is possible to order posts for installation in the ground or on a base plate. The posts are selected depending on the structural requirements.



## Ordering and design dimensions and installation dimensions

### GARDIA DOUBLE-LEAF GATE

Sj - clear passage width  
after gate installation,  
So - width between posts  
(ordering dimension),  
Ho - gate leaf height,  
L - total post height,  
W - post dimensions,  
G - clearance between gate edge  
and post edge.



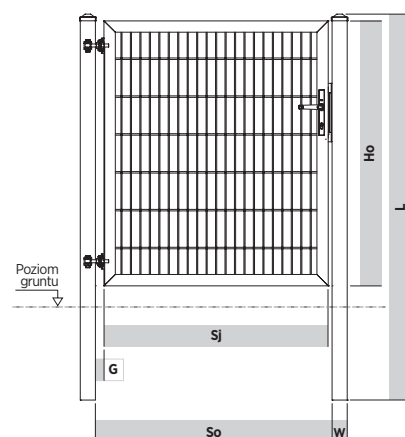
GARDIA double-leaf gate  
as seen from the property

Gate ordering width (So) [mm]	Gate height (Ho) [mm] (leaf height)	Clear pas- sage width (Sj) [mm]	Total width [mm]	Leaf height from ground level [mm]	Post dimensions (W) [mm]	Post height [mm]	Gate leaf structure [mm]	Clearance between gate edge and post edge (G) [mm]
2,000 - 2,500	600 - 2,400	Sj = So	So + 160	Ho + 80	80x80	Ho + 800	60x40	45
3,000 - 4,000	600 - 2,400	Sj = So	So + 200	Ho + 80	100x100	Ho + 800	60x40	45
4,500 - 5,000	600 - 2,400	Sj = So	So + 240	Ho + 80	120x120	Ho + 800	60x40	45
5,500	1,000 - 2,400	Sj = So	So + 240	Ho + 80	120x120	Ho + 800	60x40	45
6,000 - 8,000	1,000 - 2,400	Sj = So	So + 320	Ho + 80	160x160	Ho + 800	80x40	45

For the double-leaf gate, asymmetrical leaf division is available as an option. The active leaf (equipped with the lockset) should be specified. Passive leaf equipped with a deadbolt and catcher.

### GARDIA WICKET

Sj - clear passage width  
after wicket installation,  
So - width between posts  
(ordering dimension),  
Ho - wicket leaf height,  
L - total post height,  
W - post dimensions,  
G - clearance between wicket edge  
and post edge.



GARDIA wicket  
as seen from the property

Wicket ordering width (So) [mm]	Wicket height (Ho) [mm] (leaf height)	Clear pas- sage width (Sj) [mm]	Total width [mm]	Leaf height from ground level [mm]	Post dimen- sions (W) [mm]	Post height [mm]	Wicket leaf structure [mm]	Clearance be- tween wicket edge and post edge (G) [mm]
1,000	600 - 2,400	So - 35*	So + 160	Ho + 80	80x80	Ho + 800	60x40	45
1,250	600 - 2,400	So - 35*	So + 160	Ho + 80	80x80	Ho + 800	60x40	45
1,500	600 - 2,400	So - 35*	So + 200	Ho + 80	100x100	Ho + 800	60x40	45
2,000	600 - 2,400	So - 358	So + 200	Ho + 80	100x100	Ho + 800	60x40	45

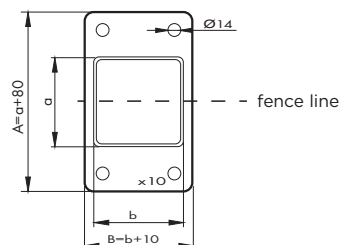
\*for the LAKQU2 lock with the SAKLQF catcher Sj = So-54mm



## Installation options

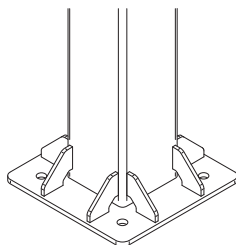
### Gate posts

#### BST 4 base plate



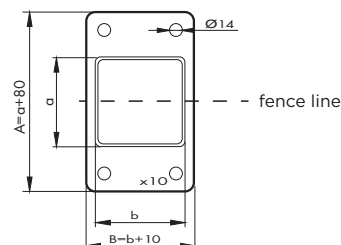
$a \times b = 80 \times 80$  [mm]  
 $a \times b = 100 \times 100$  [mm]

#### BSTZ base plate



### Wicket posts

#### BST 4 base plate



$a \times b = 80 \times 80$  [mm]  
 $a \times b = 100 \times 100$  [mm]

Base plate	Post
BST4	80x80
	100x100
BSTZ	100x100
	120x120
	160x160

Base plate	Post
BST4	80x80
	100x100

## Standard colours

### The DUPLEX system

The combination of the zinc and varnish coatings in the DUPLEX system substantially contributes to extending the service life of WIŚNIEWSKI fences. Regardless of the weather, you can always be sure that WIŚNIEWSKI fences will retain their appealing look. The gates are available in a hot-dip galvanized or a galvanized and polyester coated version. The gates are available in the following colours as standard: RAL 6005 MAT, RAL 7016 MAT, RAL 7030 Grey, RAL 7040 Light Grey, RAL 9005 Black, RAL 8017 Brown, hot-dip galvanized.

	
RAL 6005	RAL 7016 Graphite
	
RAL 7030 Grey	RAL 7040 Light Grey
	
RAL 9005 Black	RAL 8017 Brown
	
Hot-dip galvanized	

POLYESTER PAINT  
(POWDER COATING)

CHROMIUM-FREE  
PASSIVATION

IRON  
PHOSPHATING

ZINC LAYER  
(HOT-DIP GALVANIZING)

STEEL  
ELEMENT

