

# GARDIA



## WIŚNIOWSKI

GATES | DOORS | FENCES

## GARDIA GATE AND WICKET

**Application:** GARDIA gates and wickets are a good choice for all types of private, public and industrial areas. Gates can be installed to enclose premises, gardens, parks, schools, kindergartens, stores, etc.



### DURABLE CONSTRUCTION

Gates and wickets with main posts, Vega 2D or Vega 2D Super panel infill welded to the frame, represent solid and durable construction.



### LOCINOX 180° HINGES

Reliable LOCINOX hinges allow for 180° opening angle. The hinges offer extensive adjustability.



### REVERSIBLE

With the reversible construction, gates and wickets ensure any possible opening direction. To achieve the required swing direction, it is enough to correspondingly install the posts, and then, if needed, reverse the symmetrical strike and latch bolt.



### CORROSION PROTECTED

Gates and wickets are hot-dip galvanised or hot-dip galvanised and polyester coated for corrosion protection.



## Product description

### General description

GARDIA gate and wicket are system solutions designed for the home and for industry. Main posts and a set of LOCINOX hinges and lock are supplied with a gate or wicket. Corrosion protected by hot-dip galvanising or Duplex system: hot-dip galvanising + polyester coating.

### Application

Application: GARDIA gates and wickets are a good choice for all types of private, public and industrial areas. Gates can be installed to enclose premises, gardens, parks, schools, kindergartens, stores, etc.

## Technical characteristics

### Leaf of gate or wicket

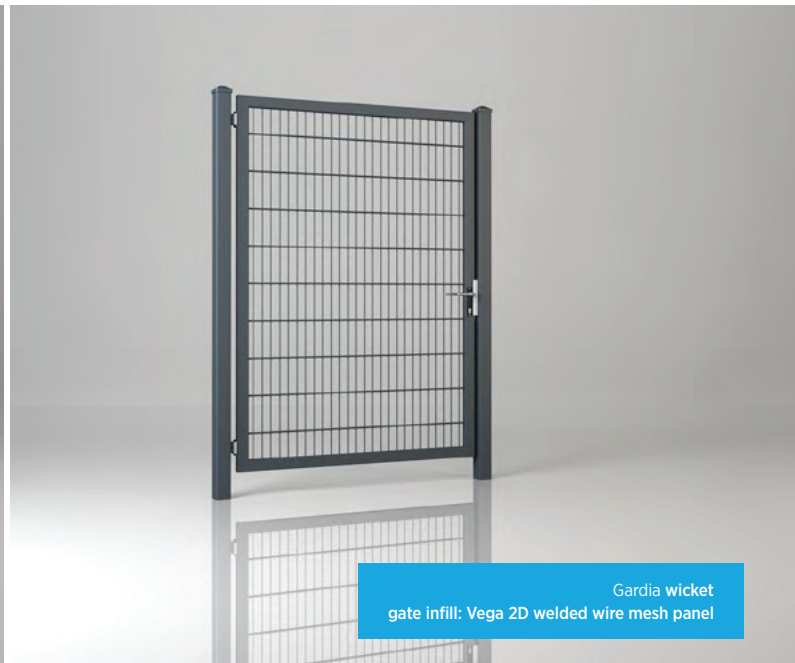
The design of gate or wicket frame depends on its dimensions and can be made of 60x40 or 80x40 mm sections. The leaf is equipped with reversible lock and, in double-leaf gates, LOCINOX drop bolt. On side of the leaves LOCINOX hinge brackets are welded.

### Infill of gate or wicket

Gate and wicket leaf are filled in with Vega 2D mesh panel with wire diameter 6/5/6 or Vega 2D Super 8/6/8. Welded mesh panel welded to the frame.



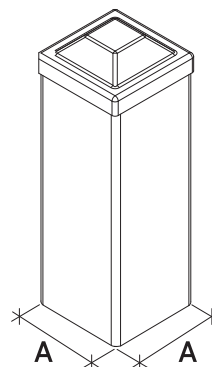
Gardia double-leaf gate  
gate infill: Vega 2D welded wire mesh panel



Gardia wicket  
gate infill: Vega 2D welded wire mesh panel

### Gate and wicket posts

Posts of gates and wickets constitute an integral part of the product. Posts have been designed to meet the strength requirements of the whole construction. Posts are topped with caps type pyramid. To manufacture the posts, the following sections has been selected: 80x80, 100x100, 120x120 and 160x160 mm.



### DIMENSIONS OF GATE AND WICKET POST

| A   | Gate width<br>So [mm] | Wicket width<br>So [mm] |
|---|-----------------------|-------------------------|
| Post made of<br><b>80x80 mm</b> section   | 2000 - 2500           | 1000 - 1250             |
| Post made of<br><b>100x100 mm</b> section | 3000 - 4000           | 1500 - 2000             |
| Post made of<br><b>120x120 mm</b> section | 4500 - 5500           | —                       |
| Post made of<br><b>160x160 mm</b> section | 6000 - 8000           | —                       |

— Not available.

Fig. 1  
Dimensions of gate and wicket post.



## Dimensions of Gardia gate and wicket

| GARDIA DOUBLE-LEAF GATE  |                         |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Leaf height (Ho) in [mm] | Leaf width (So) in [mm] |      |      |      |      |      |      |      |      |      |      |      |      |
|                          | 2000                    | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6000 | 6500 | 7000 | 7500 | 8000 |
| 600                      | ☑                       | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | —    | —    | —    | —    | —    | —    |
| 800                      | ☑                       | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | —    | —    | —    | —    | —    | —    |
| 1000                     | ☑                       | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    |
| 1200                     | ☑                       | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    |
| 1400                     | ☑                       | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    |
| 1600                     | ☑                       | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    |
| 1800                     | ☑                       | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    |
| 2000                     | ☑                       | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    |
| 2200                     | ☑                       | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    |
| 2400                     | ☑                       | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    | ☑    |

| GARDIA WICKET            |                         |      |      |      |
|--------------------------|-------------------------|------|------|------|
| Leaf height (Ho) in [mm] | Leaf width (So) in [mm] |      |      |      |
|                          | 1000                    | 1250 | 1500 | 2000 |
| 600                      | ☑                       | ☑    | ☑    | ☑    |
| 800                      | ☑                       | ☑    | ☑    | ☑    |
| 1000                     | ☑                       | ☑    | ☑    | ☑    |
| 1200                     | ☑                       | ☑    | ☑    | ☑    |
| 1400                     | ☑                       | ☑    | ☑    | ☑    |
| 1600                     | ☑                       | ☑    | ☑    | ☑    |
| 1800                     | ☑                       | ☑    | ☑    | ☑    |
| 2000                     | ☑                       | ☑    | ☑    | ☑    |
| 2200                     | ☑                       | ☑    | ☑    | ☑    |
| 2400                     | ☑                       | ☑    | ☑    | ☑    |

☑ Available Gardia gate and wicket. — Not available.

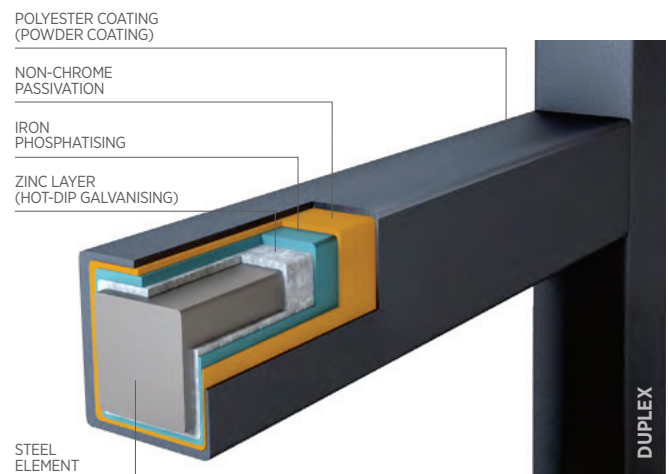
## Standard colours

### DUPLEX System

Combining hot-dip galvanising with powder coating in DUPLEX system ensures the extended durability of WIŚNIEWSKI fencing. Despite the weather conditions, we have a lasting peace of mind that WIŚNIEWSKI fencing will be visually appealing. The gates are available in hot-dip galvanised, or galvanised and polyester coated version. The gates are available, as standard, in the colours as follows: RAL 6005 MATT, RAL 7016 MATT.



Note: The actual colours and gloss levels may vary from those shown in this brochure.



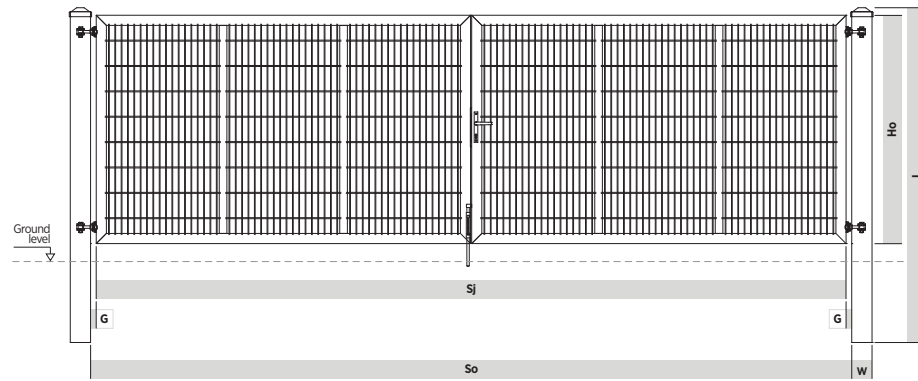


## Gate dimensions and ordering dimensions. Installation dimensions.

### GARDIA DOUBLE-LEAF GATE



| Gate ordering width (So) [mm] | Gate height (Ho) [mm] (leaf height) | Clear width (Sj) [mm] | Total width [mm] | Leaf height from the driveway level [mm] | Post dimensions (W) [mm] | Post height [mm] | Gate leaf frame [mm] | Clearance between gate edge and post edge (G) [mm] |
|-------------------------------|-------------------------------------|-----------------------|------------------|--|--------------------------|------------------|----------------------|--|
| 2000 - 2500                   | 600 - 2400                          | Sj = So               | So + 160         | Ho + 80                                  | 80x80                    | Ho + 800         | 60x40                | 45   |
| 3000 - 4000                   | 600 - 2400                          | Sj = So               | So + 200         | Ho + 80                                  | 100x100                  | Ho + 800         | 60x40                | 45   |
| 4500 - 5000                   | 600 - 2400                          | Sj = So               | So + 240         | Ho + 80                                  | 120x120                  | Ho + 800         | 60x40                | 45   |
| 5500                          | 1000 - 2400                         | Sj = So               | So + 240         | Ho + 80                                  | 120x120                  | Ho + 800         | 60x40                | 45   |
| 6000 - 8000                   | 1000 - 2400                         | Sj = So               | So + 320         | Ho + 80                                  | 160x160                  | Ho + 800         | 80x40                | 45   |



- Sj - clear width after the 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.

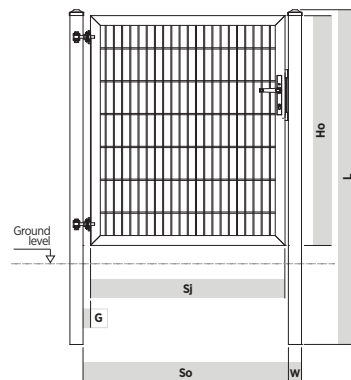
GARDIA double-leaf gate  
view from the premises side



**GARDIA  
WICKET**



| Wicket ordering width (So) [mm] | Wicket height (Ho) [mm] (leaf height) | Clear width (Sj) [mm] | Total width [mm] | Leaf height from the driveway level [mm] | Post dimensions (W) [mm] | Post height [mm] | Wicket leaf frame [mm] | Clearance between wicket edge and post edge (G) [mm] |
|---------------------------------|---------------------------------------|-----------------------|------------------|--|--------------------------|------------------|------------------------|--|
| 1000                            | 600 - 2400                            | So - 35               | So + 160         | Ho + 80                                  | 80x80                    | Ho + 800         | 60x40                  | 45   |
| 1250                            | 600 - 2400                            | So - 35               | So + 160         | Ho + 80                                  | 80x80                    | Ho + 800         | 60x40                  | 45   |
| 1500                            | 600 - 2400                            | So - 35               | So + 200         | Ho + 80                                  | 100x100                  | Ho + 800         | 60x40                  | 45   |
| 2000                            | 600 - 2400                            | So - 35               | So + 200         | Ho + 80                                  | 100x100                  | Ho + 800         | 60x40                  | 45   |



- Sj - clear width after gate 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.

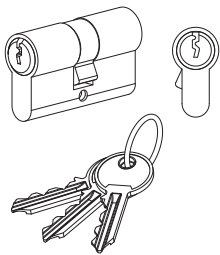
GARDIA wicket  
view from the premises side



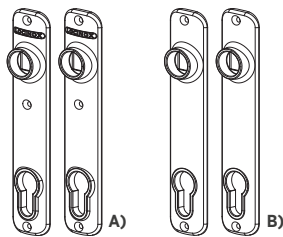
## Equipment

|   | GARDIA double-leaf gate | GARDIA wicket |
|---|-------------------------|---------------|
| <b>CONSTRUCTION</b>   |                         |               |
| Gate and wicket leaf frame made of 60x40 or 80x40 mm sections depending on the dimensions - see p. 4 and 5  | ☑                       | ☑             |
| Gate and wicket infill with Vega 2D mesh panel of 6/5/6 wire diameter or Vega 2D Super of 8/6/8 diameter. Welded mesh panel welded to the frame   | ☑                       | ☑             |
| Reversible opening direction of gate or wicket  | ☑                       | ☑             |
| Posts are delivered with each gate and wicket and made of 80x80, 100x100, 120x120 and 160x160 mm sections depending on the dimensions. Posts are topped with caps type pyramid. Post dimensions - see table 2 | ☑                       | ☑             |
| Set of hinges and a lock  | ☑                       | ☑             |
| Cylinder + 3 keys (1)   | ☑                       | ☑             |
| One-key system (1)  | ●                       | ●             |
| Polyamid handle plates and fixing bolts (2A)  | ☑                       | ☑             |
| Stainless steel handle plates and fixing bolts (2B)   | ●                       | ●             |
| Aluminium handle with spindle (3)   | ☑                       | ☑             |
| Drop bolt with Quick-fix fixing and 100 mm adjustability in height (4)  | ☑                       | -             |
| LOCINOX H-METAL lock (5)  | ☑                       | ☑             |
| LOCINOX strike (6)  | ☑                       | ☑             |
| LOCINOX 180° hing (7)   | ☑                       | ☑             |
| Drop bolt socket (8)  | ●                       | -             |
| <b>EXECUTION</b>  |                         |               |
| Corrosion protection: hot-dip galvanised  | ☑                       | ☑             |
| Corrosion protection: hot-dip galvanised + RAL Standard (RAL 6005 moss green, RAL 7016 anthracite grey)   | ☑                       | ☑             |
| Powder coated in any RAL colour   | ●                       | ●             |
| <b>DIRECTIVES AND STANDARDS</b>   |                         |               |
| Gardia gates and wickets comply with the EN 13241-1 standard.   |                         |               |

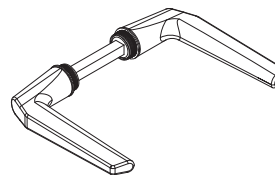
☑ Standard equipment. ● Option. - Not applicable.



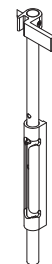
1. Cylinder + 3 keys or one-key system



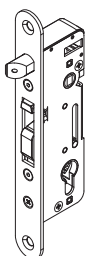
2. Polyamid handle plates (A) or stainless steel plates (B) with fixing bolts



3. Aluminium handle with spindle



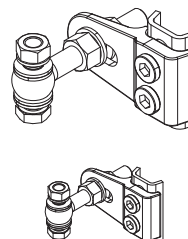
4. Hot-dip galvanised drop bolt with Quick-Fix fixing and 100 mm adjustability in height



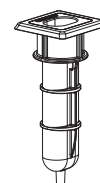
5. LOCINOX H-METAL lock with 100% stainless steel mechanism



6. LOCINOX strike combined with hook bolt provides a secured anchoring of a gate or wicket



7. Hot-dip galvanised LOCINOX 180° hinge with reversible opening direction and 22 mm adjustability in height



8. Drop bolt socket



## Photos



**GARDIA GATE**

- Infill: VEGA 2D welded mesh panel
- Corrosion protection: hot dip galvanised
- Colour: RAL 7016



**GARDIA WICKET**

- Infill: VEGA 2D welded mesh panel
- Corrosion protection: hot dip galvanised
- Colour: RAL 7016



**GARDIA GATE**

- Infill: VEGA 2D welded mesh panel
- Corrosion protection: hot dip galvanised
- Colour: RAL 7016



**GARDIA WICKET**

- Infill: VEGA 2D welded mesh panel
- Corrosion protection: hot dip galvanised
- Colour: RAL 6005



**GARDIA WICKET**

- Infill: VEGA 2D welded mesh panel
- Corrosion protection: hot dip galvanised
- Colour: RAL 7016

# Create the complex industrial fencing system



WIŚNIEWSKI fencing is a system solutions which ensure the complex perimeter protection. Our offer of modern steel fences, section-infill fences and welded wire mesh fences is dedicated for the house-building and for industry. The fences provide durability and high quality combined with elegance and style. WIŚNIEWSKI complex solutions give you a peace of mind especially when you need to enclose your property and ensure it is safe and visually appealing. **Take advantage of the whole offer and create your unique fencing.**



System fence with GARDIA double-leaf gate and wicket filled with Vega 2D welded mesh panel



System fence with GARDIA double-leaf gate and wicket filled with Vega 2D Super welded mesh panel

