VEGA 2D

WIŚNIOWSKI
GATES | DOORS | FENCES

VEGA 2D
MESH PANELS

Intended use: VEGA 2D mesh panels are a universal solution that can be used both in industrial and residential areas. The mesh panels are installed around residential houses, parks, gardens, public utility buildings, playgrounds, as well as around factories, various sorts of storage or warehouse areas.

PROVEN TECHNOLOGY

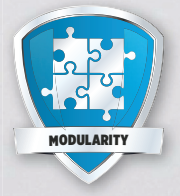
The VEGA 2D panel is welded using raw wire, next it is hot-dip galvanized or electrogalvanized and then powder coated. Special features of the panel manufactured using this technology include reliable welds and the elimination of possible corrosion centres.

RESISTANT TO CORROSION

Mesh panels are subjected to strict testing in our in-house laboratory which checks the product's corrosion-resistance. This allows us to offer a product with excellent quality parameters.

UNIVERSAL INSTALLATION

VEGA 2D panels can be mounted on 4 types of posts using 5 types of fixing accessories available from WIŚNIOWSKI.



PART OF A SYSTEM

The VEGA 2D mesh panel is an integral part of the fence. It can be installed together with the PI 95, PI 130, and PI 200 sliding gate, the V-KING folding gate, and the BASTION or GARDIA system double-leaf gate or wicket.

Product description

General description

VEGA 2D panels are flat panels without embossing. The panels are a good alternative to VEGA 2D Super panels. Two horizontal wires clamping the vertical wires constitute a distinctive feature of this product group. High rigidity and strength.

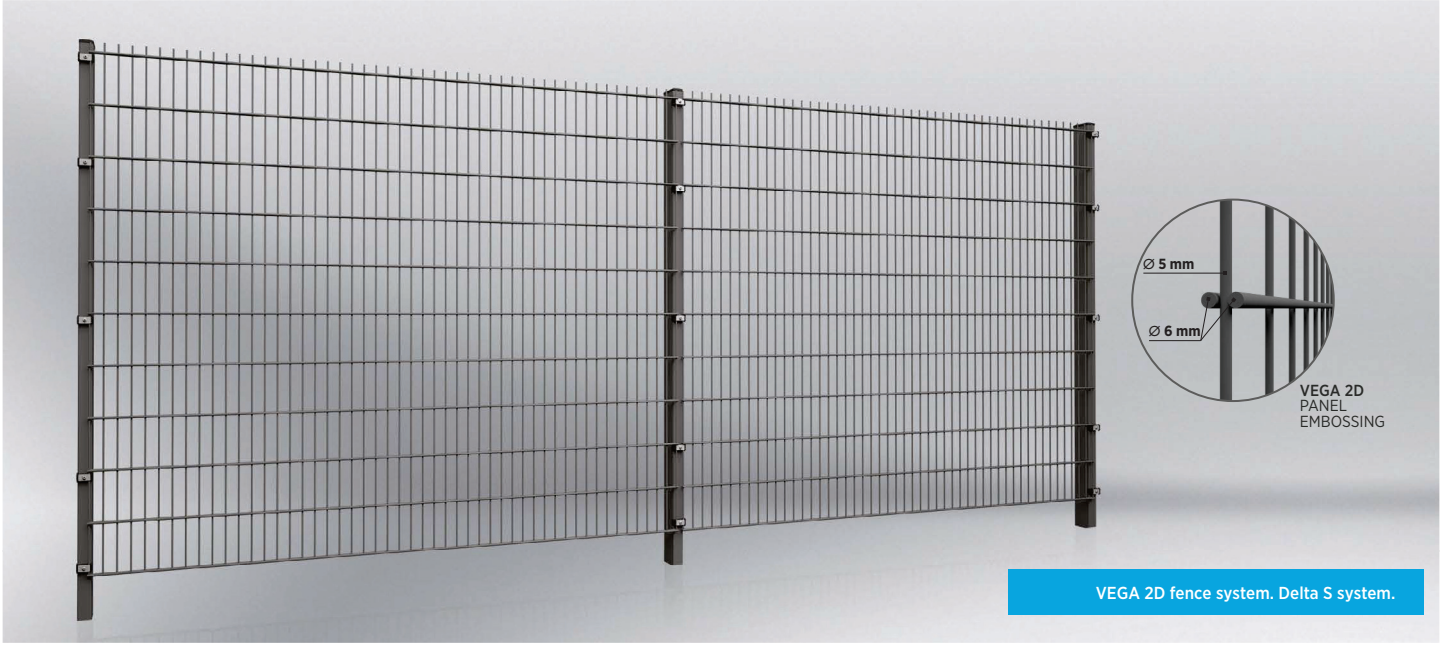
Area of application

VEGA 2D mesh panels are a universal solution that can be used both in industrial and residential areas. The mesh panels are installed around residential houses, parks, gardens, public utility buildings, playgrounds, as well as around factories, various sorts of storage or warehouse areas.

Technical data

Panels

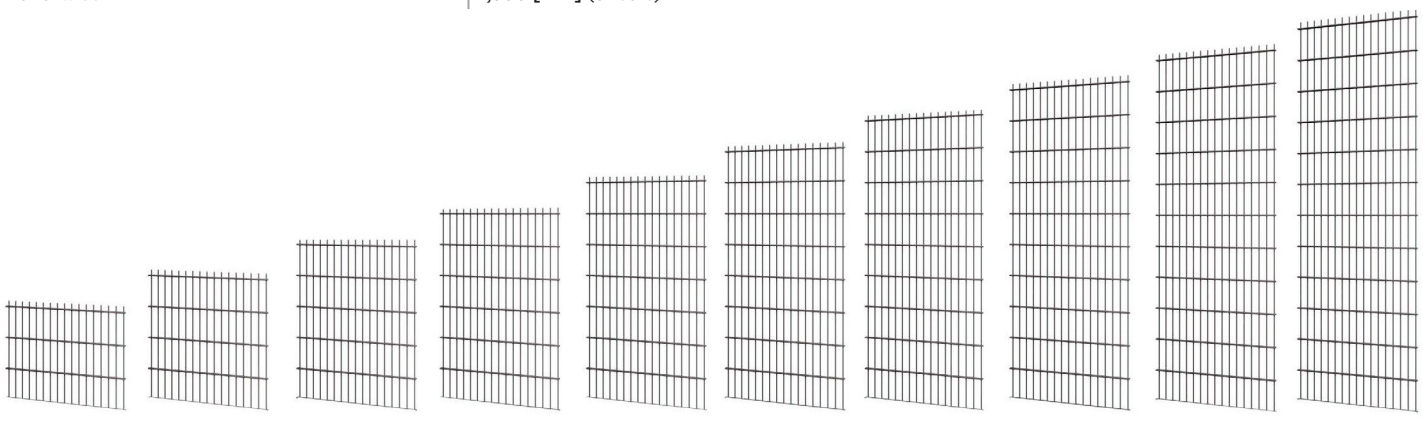
VEGA 2D mesh panels are spot welded using steel bars with a horizontal bar (double) 6 [mm] in diameter and a vertical bar 5 [mm] in diameter. VEGA 2D panels are terminated with extended 30 [mm] long bars on one end, in the bottom or top section of the fence.



VEGA 2D fence system. Delta S system.

VEGA 2D panel available heights

Diameter of double horizontal wires of the hot-dip galvanized panel	**6 [mm]**	Diameter of double horizontal wires of the Duplex system panel	**6 [mm]**
Diameter of a single vertical wire of the hot-dip galvanized panel	**4.8 [mm]**	Diameter of a single vertical wire of the Duplex system panel	**5 [mm]**
Straight mesh size	**50x200 [mm]**		
Panel width	**2,500 [mm]** (51 bars)		

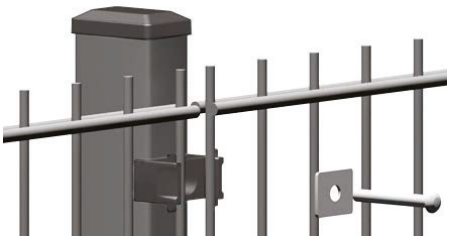


630 mm **830 mm** **1,030 mm** **1,230 mm** **1,430 mm** **1,630 mm** **1,830 mm** **2,030 mm** **2,230 mm** **2,430 mm**

Post – installation methods

VEGA 2D panels can be mounted on 4 types of posts using 5 types of fixing accessories available from WIŚNIOWSKI. The panels can be installed in a flat or inclined area, directly above the ground or using a concrete plank. Posts can be installed directly in the ground or on a concrete foundation using base plates.

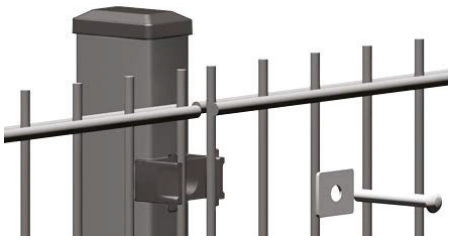
DELTA S system



Post made of a 60x40x1.5 [mm] section, post h=3,200 [mm] 60x40x2 [mm].
Posts are supplied with a plastic cap and hooks for the panels with threaded holes for screws.
The post is factory fitted with a standard number of mounting clips. Posts are available in corner versions as well.
Plastic hooks are available in RAL 6005, RAL 7016, RAL 7040, RAL 9005.

- **Colours:** posts are available in galvanized and galvanized + polyester coating versions.
- **Accessories:** M8x60 [mm] stainless steel screw, stainless steel clamping plate.

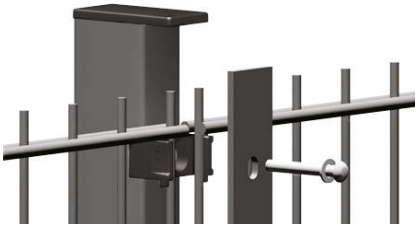
DELTA L system



Post made of a 60x40x1.5 [mm] section, post h=3,200 [mm] 60x40x2 [mm].
Posts are fitted with a plastic cap and an increased number of hooks for the panels with threaded holes for screws.
The post is supplied with mounting clips for each row of horizontal panel wires. Posts are available in corner versions as well. Plastic hooks are available in RAL 6005, RAL 7016, RAL 7040, RAL 9005.

- **Colours:** posts are available in galvanized and galvanized + polyester coating versions.
- **Accessories:** M8x60 [mm] stainless steel screw, stainless steel clamping plate.

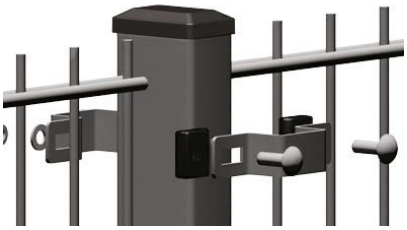
SIGMA system



Post made of a 60x40x1.5 [mm] section, post h=3,200 [mm] 60x40x2 [mm].
The post is fitted with a plastic or aluminium (option) extended cap.
Each post is fitted with plastic hooks for each row of horizontal panel wires. Plastic hooks are available in RAL 6005, RAL 7016, RAL 7040, RAL 9005.

- **Colours:** posts are available in galvanized and galvanized + polyester coating versions.
- **Accessories:** M8x60 [mm] stainless steel screw, stainless steel washers, 40x5 [mm] flat bar.

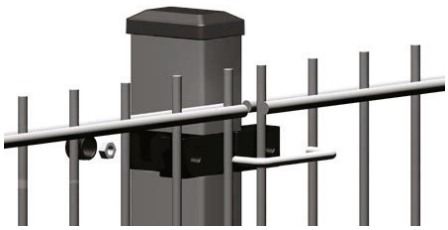
OMEGA system



Post made of a 60x40x1.5 [mm] section, post h=3,200 [mm] 60x40x2 [mm].
The post is fitted with a plastic cap.

- **Colours:** posts are available in galvanized and galvanized + polyester coating versions.
- **Accessories:** Panels are mounted on posts using rectangular steel clamps. Clamps are available in galvanized and galvanized + polyester coating versions. Accessories include: metal clamp; dedicated plastic clips for VEGA 2D panels (up to 5 [mm] wire gauge), M8x25 [mm] stainless steel screws, stainless steel washers, M8 stainless steel shear nuts. Fixing clamps are available in middle, corner, and end versions.

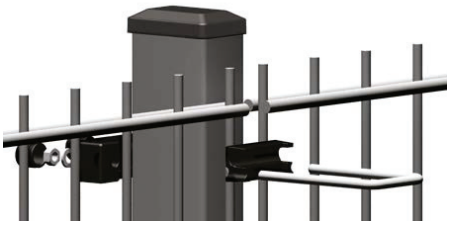
OMEGA D1 system



Post made of a 60x40x1.5 [mm] section, post h=3,200 [mm] 60x40x2 [mm].
The post is fitted with a plastic cap.

- **Colours:** posts are available in galvanized and galvanized + polyester coating versions.
- **Accessories:** Panels are mounted to posts using OMEGA D1 clamps. Clips are made of high quality PA 6 polyamide, while clamps are made of Inox M6 stainless steel. The set includes two nuts and two plastic caps. Clamps have a universal colour and can be used with middle posts, corner posts, and end posts.

OMEGA D2 system



Post made of a 60x40x1.5 [mm] section, post h=3,200 [mm] 60x40x2 [mm].
The post is fitted with a plastic cap.

- **Colours:** posts are available in galvanized and galvanized + polyester coating versions.
- **Accessories:** Panels are mounted to posts using OMEGA D2 clamps. Clamps are made of high quality PA 6 polyamide, while the fastening element is made of Inox M6 stainless steel. The set includes two nuts and two plastic caps. Clamps have a universal colour and can be used with middle posts, corner posts, and end posts.

Base plates

Rectangular

ST2

ST4

Round

STO2

STO4

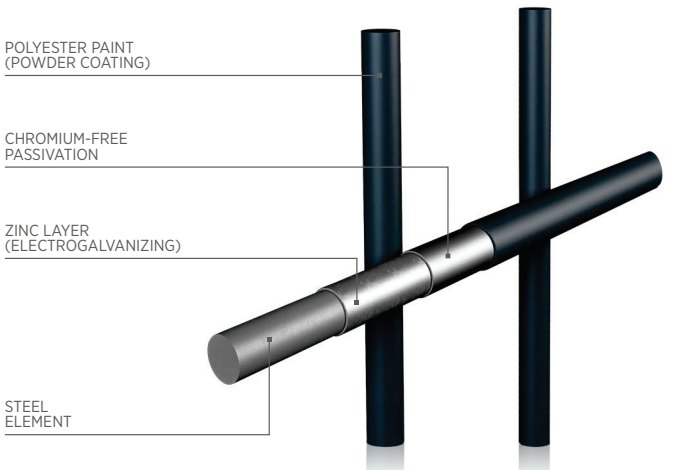
VEGA 2D panel installation options

VEGA 2D MESH PANEL									
Fence height [mm]	Panels width x height [mm]	Post SIGMA		Post DELTA S		Post DELTA L		Post OMEGA, OMEGA D1 OMEGA D2	
		Number of clips supplied with the post	Post length	Number of clips supplied with the post	Post length	Number of clips supplied with the post	Post length	Number of clips supplied with the post	Post length
700	2,500x630	4	1,000	2	1,000	4	1,000	2	1,000
900	2,500x830	5	1,300	3	1,300	5	1,300	2	1,300
1,100	2,500x1,030	6	1,500	3	1,500	6	1,500	2	1,500
1,300	2,500x1,230	7	1,700	3	1,700	7	1,700	3	1,700
1,500	2,500x1,430	8	2,000	4	2,000	8	2,000	3	2,000
1,700	2,500x1,630	9	2,200	4	2,200	9	2,200	3	2,200
1,900	2,500x1,830	10	2,400	4	2,400	10	2,400	4	2,400
2,100	2,500x2,030	11	2,600	**5**	**2,600**	11	2,600	**5**	**2,600**
2,300	2,500x2,230	12	3,000	**5**	**3,000**	12	3,000	**5**	**3,000**
2,500	2,500x2,430	13	3,200	**6**	**3,200**	13	3,200	**6**	**3,200**

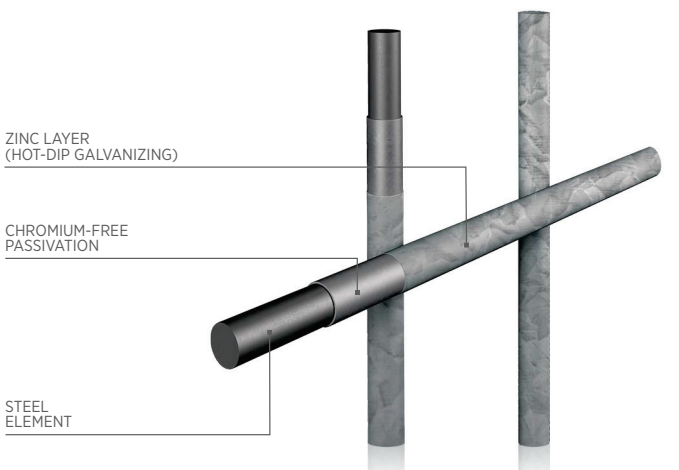
Mesh panel manufacturing and coating technology

Mesh panels are welded using raw wire. The panels are manufactured in accordance with the PN-EN 10223-7:2013-05 standard. The mesh panel can be protected from corrosion by hot-dip galvanizing (in accordance with EN ISO 1461:2000) or electrogalvanizing (in accordance with PN EN ISO 2081:2011) and polyester coating (in accordance with EN 10244-2:2010). The combination of the zinc and varnish coatings in the DUPLEX system substantially contributes to extending the life of WIŚNIOWSKI fences. We offer 10 year anti-corrosion guarantee on our coated panels.

Please note: Colours and gloss grades presented in this publication are for reference only.



Mesh panel protected by: electrogalvanizing and polyester coating



Mesh panel protected by: hot-dip galvanizing

Gallery

VEGA 2D MESH PANELS
- Installation on the DELTA post
- Anti-corrosion protection: galvanization
- Colour: RAL 7016

VEGA 2D MESH PANELS
- Installation on the OMEGA post
- Anti-corrosion protection: galvanization
- Colour: RAL 6005

VEGA 2D MESH PANELS
- Installation on the OMEGA post with "Y" top
- Anti-corrosion protection: galvanization
- Colour: RAL 5010

Build an extensive industrial fencing system

The WIŚNIOWSKI fences are a system of solutions ensuring comprehensive protection for your property. Our residential and industrial product range includes modern steel, profile, and panel fences. Reliable, high quality, and durable, our fences also boast elegant and stylish look. WIŚNIOWSKI's comprehensive offer makes closing off your property simple and reflects great care for safety, security, and appearance. **Take advantage of our complete range and build your own fencing**.

Fence system with the GARDIA gate and wicket featuring a VEGA 2D mesh panel infill

Fence system with the PI 200 sliding gate featuring a VEGA 2D Super mesh panel infill and VEGA 2D panels

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