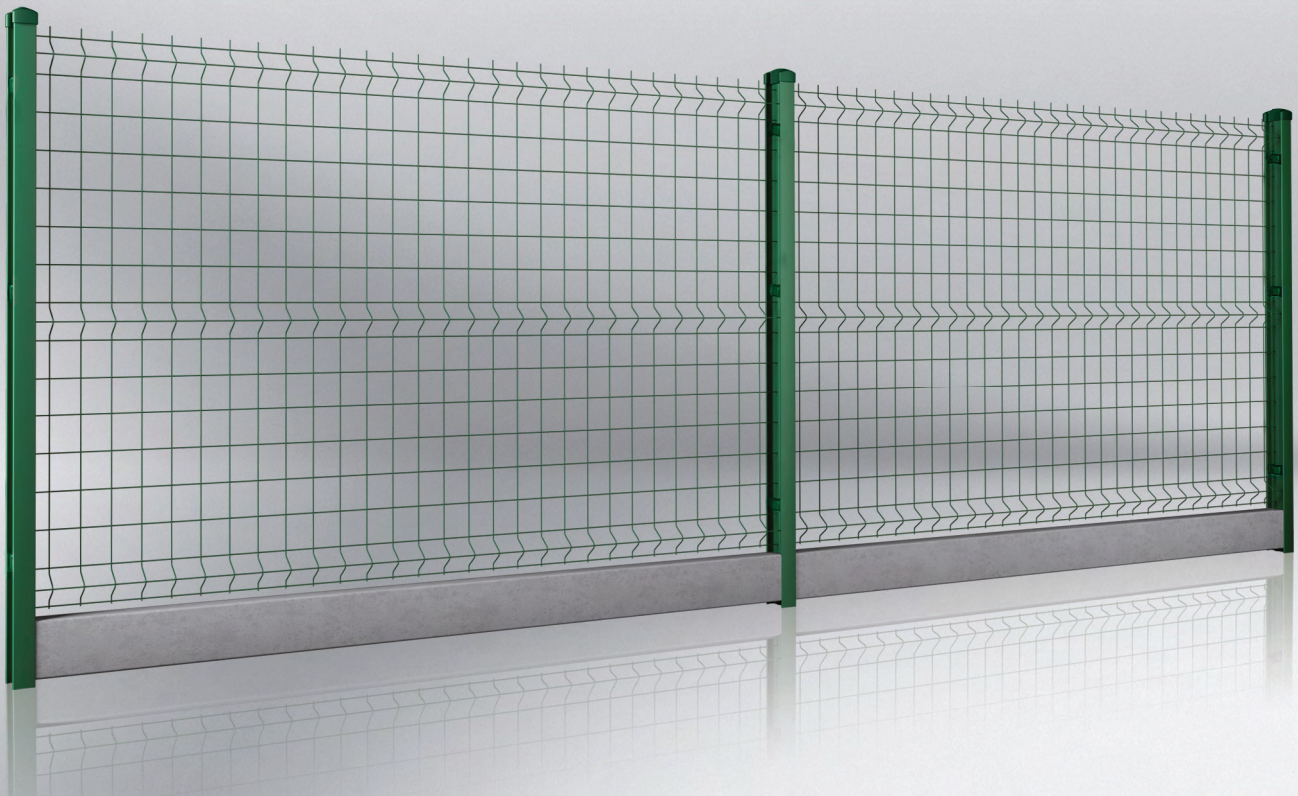# VEGA B Light II

WIŚNIOWSKI
GATES | DOORS | FENCES

VEGA B LIGHT II
MESH PANELS

Intended use: VEGA B Light II 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 and warehouse areas.

PROVEN TECHNOLOGY

The VEGA B Light II 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 B Light II panels can be mounted on 4 types of posts using 6 types of fixing accessories available from WIŚNIOWSKI.

PART OF A SYSTEM

The VEGA B Light II mesh panel is an integral part of the fence. It can be installed as part of a system together with the sliding gate or a gate and wicket from the WIŚNIOWSKI range.

Product description

General description

VEGA B Light II panels belong to the 3D panel group. Embossing is a distinctive feature of this product group. Embossing adds extra rigidity to panels. The number of embossed elements depends on the panel height.
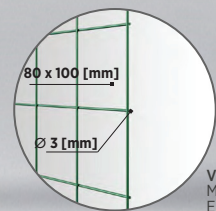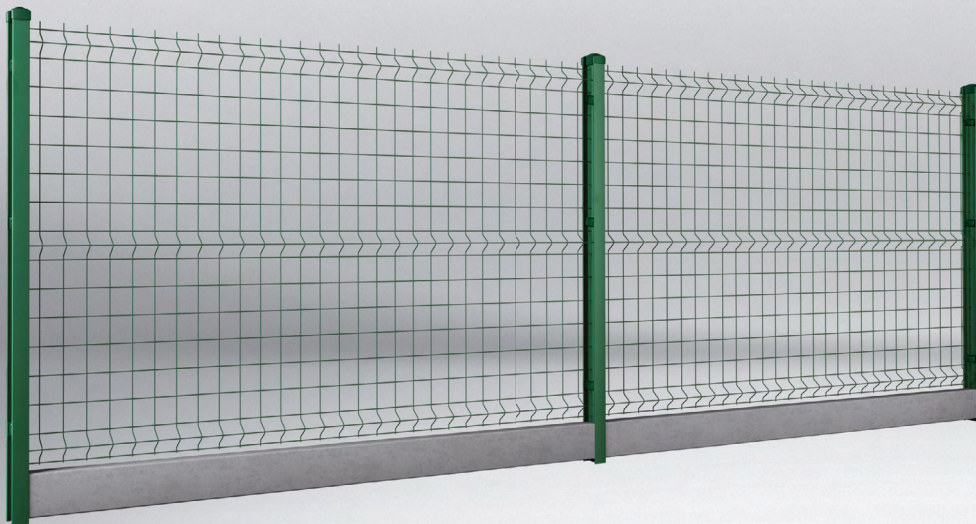
Area of application

VEGA B Light II 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 and warehouse areas.

Technical data

Panels

VEGA B Light II panels are spot welded using single steel bars. VEGA B Light II panels are terminated with extended 30 [mm] long bars on one end, in the bottom or top section of the fence.

80 x 100 [mm]

Ø 3 [mm]

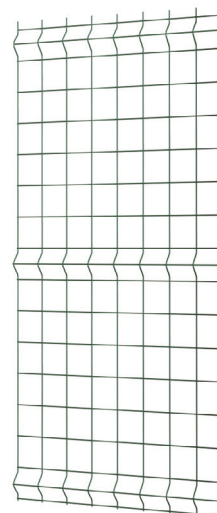**VEGA B Light II**
MESH PANEL
EMBOSSING

VEGA B Light II fence system. GAMMA system.

VEGA B Light II panel available heights

Wire gauge of the hot-dip galvanized panel	3.0 [mm]
Wire gauge of the DUPLEX system panel	3.0 [mm]
Straight mesh size	80x100 [mm]
Small mesh size	80x50 [mm]
Panel width	2,500 [mm]

1,530 mm

Post – installation methods

VEGA B Light II panels can be mounted on 4 types of posts using 6 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.

GAMMA system

Galvanized sheet profile post coated with polyester paint. **A proprietary solution by**

WIŚNIOWSKI.

Post cross-section 65x42 [mm].
The post is supplied with a plastic cap and holes for easy installation.

Corrosion protection:
• galvanizing + polyester coating.
  Available colours: RAL 6005, grey similar to RAL 7016.

Accessories: The panels are installed using accessories including: dedicated plastic mounting clips for VEGA B Light panels (for 4 [mm] wire gauge), M6 hex screws, washers, M6 nuts, plastic caps).

OMEGA 40 system

Round post.

Post diameter 40 [mm].
The post is supplied with a plastic cap and holes for easy installation.

Corrosion protection:
• hot-dip galvanizing,
• galvanizing + polyester coating.

Accessories: Panels are mounted on posts using round steel clamps. Clamps are available in galvanized and galvanized + polyester coating versions. Accessories include: metal clamp; dedicated plastic clips for VEGA B Light panels (up to 4 [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 48 system

Round post.

Post diameter 48.3 [mm].
The post is supplied with a plastic cap and holes for easy installation.

Corrosion protection:
• hot-dip galvanizing,
• galvanizing + polyester coating.

Accessories: Panels are mounted to posts using round clamps.
Accessories include: metal clamp; plastic clips for 4 [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 system

Post made of a 60x40x1.5 [mm] section.
The post is supplied with a plastic cap, holes for simple installation, and a standard clamp.

Corrosion protection:
• hot-dip galvanizing,
• galvanizing + polyester coating.

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 B Light panels (up to 4 [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.
The post is supplied with a plastic cap, holes for simple installation, and a D1 clamp.

Corrosion protection:
• hot-dip galvanizing,
• galvanizing + polyester coating.

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.
The post is supplied with a plastic cap, holes for simple installation, and a D2 clamp.

Corrosion protection:
• hot-dip galvanizing,
• galvanizing + polyester coating.

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.
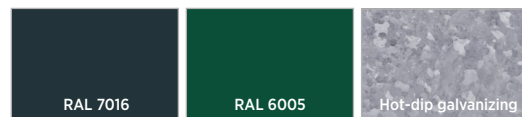
Base plates

Rectangular

ST2

ST4

Round

STO2

STO4

VEGA B Light II panel installation options

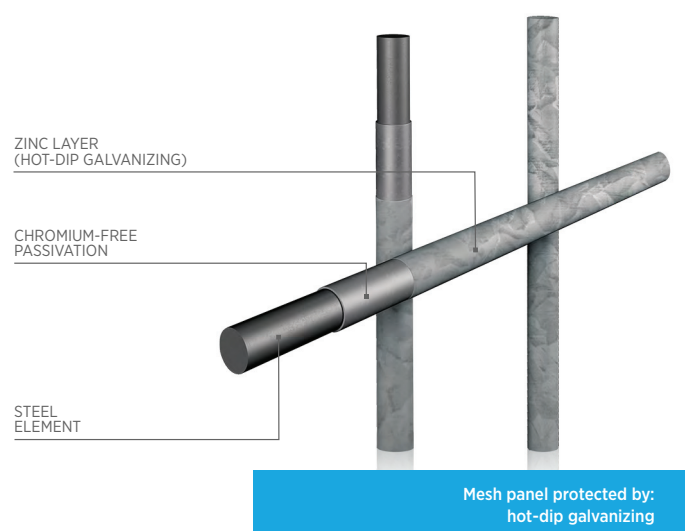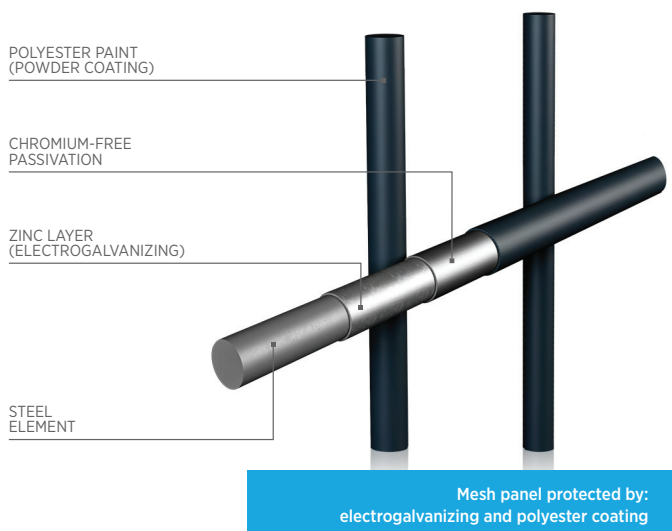|			VEGA B Light II MESH PANEL							
Fence height [mm]	Panels width x height [mm]	Number of profile recesses on the panel	Post GAMMA		Post OMEGA, OMEGA D1 OMEGA D2		Post OMEGA 40		Post OMEGA 48	
			Quantity of accessories	Post length	Quantity of clamps	Post length	Quantity of clamps	Post length	Quantity of clamps	Post length
1,600	2,500x1,530	3	3	2,000 2,400*	3	2,000	3	2,000	3	2,000

*) – Recommended post height when posts are set in the ground using a concrete plank.

— Not available.

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.

RAL 7016	RAL 6005	Hot-dip galvanizing

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

POLYESTER PAINT
(POWDER COATING)

CHROMIUM-FREE
PASSIVATION

ZINC LAYER
(ELECTROGALVANIZING)

STEEL
ELEMENT

**Mesh panel protected by:
electrogalvanizing and polyester coating**

ZINC LAYER
(HOT-DIP GALVANIZING)

CHROMIUM-FREE
PASSIVATION

STEEL
ELEMENT

**Mesh panel protected by:
hot-dip galvanizing**

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**.

Ø 3 mm
Ø 3 mm
VEGA B Light II
MESH
PANEL

Ø 5 mm
Ø 5 mm
VEGA B
MESH PANEL
EMBOSSING

Fence system with the MODEST gate and wicket featuring a VEGA B mesh panel infill + VEGA B Light II panels

Ø 3 mm
Ø 3 mm
VEGA B Light II
MESH
PANEL

Ø 5 mm
Ø 5 mm
VEGA B Light
MESH PANEL
EMBOSSING

Fence system with the PI 95 sliding gate featuring a VEGA B mesh panel infill + VEGA B Light II panels

Let us inspire you!
See other solutions from WIŚNIOWSKI!