



FENCING SYSTEMS

WHO WE ARE

TABAL has been operating in the market since 1990. We specialize in the comprehensive processing of aluminum and steel.

As TABAL Techfence, we offer a complete range of solutions for all types of fencing. The use of the latest available technologies, a modern machinery park, including one of the most advanced powder coating plants in Poland, guarantees a high-quality product designed for many years of use. TABAL Techfence fences are used in companies and institutions, in industry, around strategic, sports, public utility facilities, as well as around private properties. We provide our clients with comprehensive service: we design, advise on fence selection, choose accessories, and deliver on time.



TABAL

Ul. Energetyków 14
20-468 Lublin
PL

License Number: E-1302

has proven to fulfill the requirements of Qualisteelcoat specifications for the following corrosivity categories and durability, by powder coating

	System Number	Coating Layers	Pretreatment	Corrosivity Class
Continuous galvanized steel	S21	1	Chemical	C3H

Roel Dijkman
President

Sergio Marchionni
General Secretary

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FOKUS System

3D Panel Systems

The FOKUS panel is a durable, safe, and versatile solution for all types of fencing. Ensuring the best anti-corrosion protection and a high level of aesthetics in the production of the panel, we use hot-dip galvanizing according to the PN-EN ISO 1461 standard or powder coating in the full range of RAL colors on a zinc base.

Advantages of the FOKUS panel:

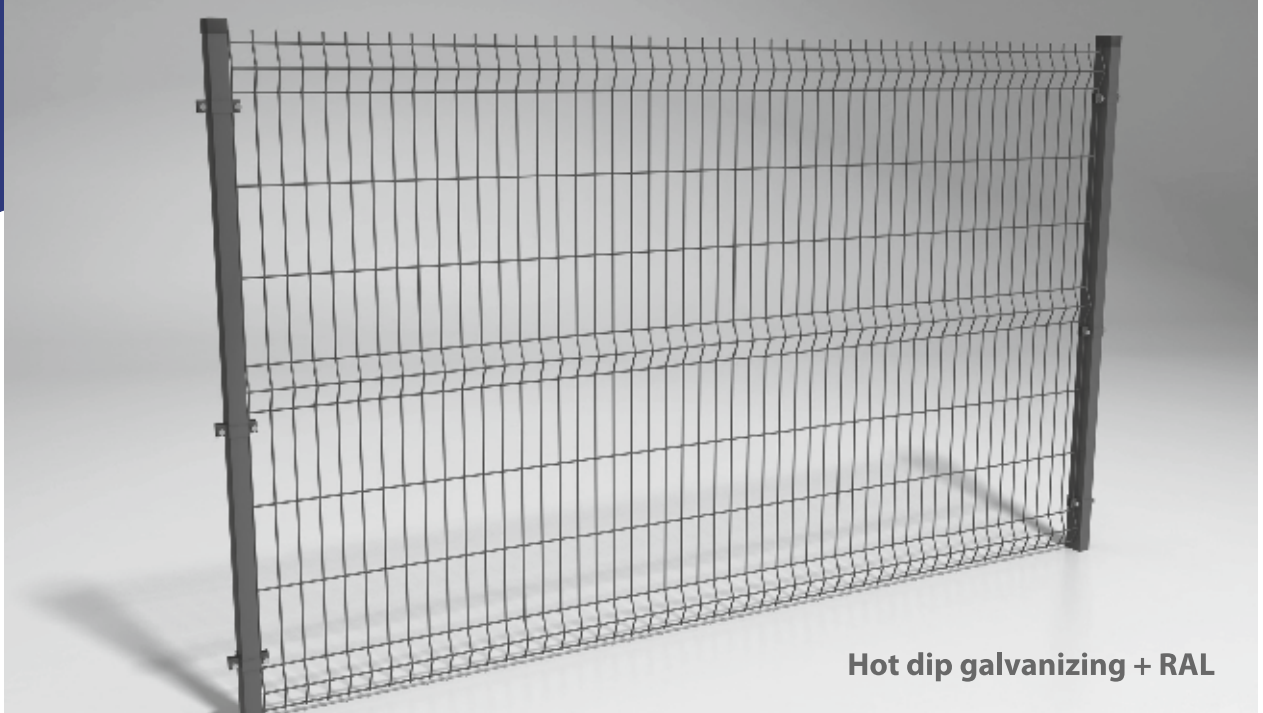
- high rigidity due to the use of high-quality steel wire with a diameter of $\varnothing 5$ mm and horizontal profiles (bends)
- solid anti-corrosion protection - hot-dip galvanizing or galvanizing + powder coating
- system comprehensiveness: the system offers panels of various heights, posts allowing installation in the ground, on plinths, floors, and all necessary accessories for installation.

Applications of the FOKUS panel:

- Private properties
- Playgrounds
- Public utility buildings
- Fields, sports facilities
- Parks
- Companies, factories, warehouses
- Industrial facilities, supermarkets
- Military facilities
- Airports



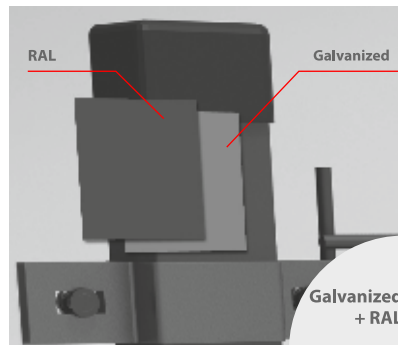
also available
in RAL colours



Hot dip galvanizing + RAL

Technology

The FOKUS panel is made using steel wire welding technology. Production takes place using the latest available technologies, adhering to strict quality standards for materials, production, and anti-corrosion protection. We offer panels in four standard colors: green RAL6005, anthracite RAL7016, brown RAL8017, and black RAL9005. If needed, we can produce panels in any color from the RAL palette.



Technical Parameters

Panel height [mm]	Number of bends	Post height [mm]	Number of clamps
1030	2	1600	2
1230	2	1800	2
1330	3	2000	3
1530	3	2200	3
1730	3	2400	3
1930	3	2600	4
2030	4	2800	4
2230	4	3000	4
2430	4	3200	4
anti-corrosion protection		hot-dip galvanized, hot-dip galvanized + RAL	

Wire thickness in the panel after anti-corrosion coating:

- vertical wire (filler)	Ø 5 mm +/-0,3 mm
- horizontal wire (stiffening)	Ø 5 mm +/-0,3 mm

Panel dimensions in the FOKUS system:

- panel width	2505 mm
- panel height	1030 mm, 1230 mm, 1330 mm, 1530 mm, 1730 mm, 1930 mm, 2030 mm, 2230 mm, 2430 mm
Number of technological bends	2 - 4
Mesh size	50x200 mm
Axial distance between posts	2,58 m (OM-1 clamps)
Number of vertical wires	51 pcs

FOKUS ECO System

3D Panel Systems

Thanks to the use of 4 mm wire, the FOKUS ECO panel combines durability, easy installation, and wide application possibilities at a very attractive price. Ensuring the best anti-corrosion protection and a high level of aesthetics in the production of the panel, we use hot-dip galvanizing according to the PN-EN ISO 1461 standard or powder coating in the full range of RAL colors on a zinc base.

Advantages of the FOKUS ECO panel:

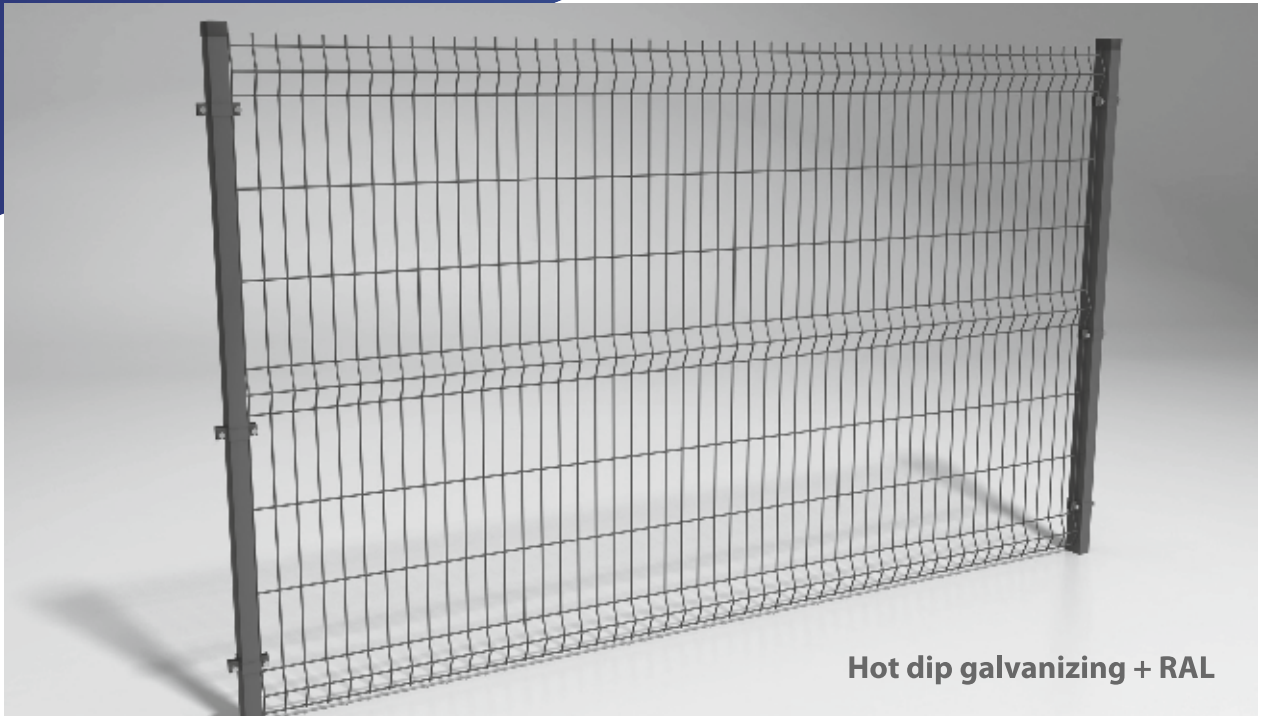
- Lightweight and durable due to the use of high-quality steel wire with a diameter of 4 mm and horizontal profiles (bends)
- solid anti-corrosion protection - hot-dip galvanizing or galvanizing + powder coating
- system comprehensiveness: the system offers panels of various heights, posts allowing installation in the ground, on plinths, floors, and all necessary accessories for installation.

Applications of the FOKUS ECO panel:

- Private properties
- Public utility buildings
- Sports fields, facilities
- Playgrounds, parks
- Companies, factories, warehouses
- Industrial facilities, supermarkets
- Military facilities
- Airports



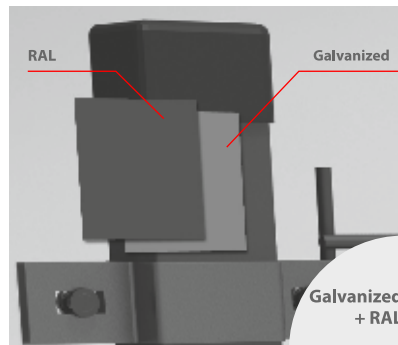
also available
in RAL colours



Hot dip galvanizing + RAL

Technology

The FOKUS ECO panel is made using steel wire welding technology. Production is carried out using the latest available technologies, adhering to strict quality standards for materials, production, and anti-corrosion protection. We offer panels in four standard colours: green RAL6005, anthracite RAL7016, brown RAL8017, and black RAL9005. If needed, we can produce panels in any color from the RAL palette.



Hot dip galvanizing

Technical Parameters

Panel height [mm]	Number of bends	Post height [mm]	Number of clamps
1030	2	1600	2
1230	2	1800	2
1330	3	2000	3
1530	3	2200	3
1730	3	2400	3
1930	3	2600	4
2030	4	2800	4
2230	4	3000	4
2430	4	3200	4
anti-corrosion protection		hot-dip galvanized, hot-dip galvanized + RAL	

Wire thickness in the panel after anti-corrosion coating:

- vertical wire (filler)	Ø 4 mm +/-0,3 mm
- horizontal wire (stiffening)	Ø 4 mm +/-0,3 mm

Panel dimensions in the FOKUS ECO system:

- panel width	2505 mm
- panel height	1030 mm, 1230 mm, 1330 mm, 1530 mm, 1730 mm, 1930 mm, 2030 mm, 2230 mm, 2430 mm
Number of technological bends	2 - 4
Mesh size	50x200 mm
Axial distance between posts	2,58 m (OM-1 clamps)
Number of vertical wires	51 pcs

FOKUS LIGHT System

3D Panel Systems

Thanks to the use of 5 mm wire, the FOKUS LIGHT panel combines durability, easy installation, and wide application possibilities at a very attractive price. Ensuring the best anti-corrosion protection and a high level of aesthetics in the production of the panel, we use hot-dip galvanizing according to the PN-EN ISO 1461 standard or powder coating in the full range of RAL colors on a zinc base.

Advantages of the FOKUS LIGHT panel:

- Lightweight and durable due to the use of high-quality steel wire with a diameter of 5 mm and horizontal profiles (bends)
- solid anti-corrosion protection - hot-dip galvanizing or galvanizing + powder coating
- system comprehensiveness: the system offers panels of various heights, posts allowing installation in the ground, on plinths, floors, and all necessary accessories for installation.

Applications of the FOKUS LIGHT panel:

- Private properties
- Public utility buildings
- Sports fields, facilities
- Playgrounds, parks
- Companies, factories, warehouses
- Industrial facilities, supermarkets
- Military facilities
- Airports

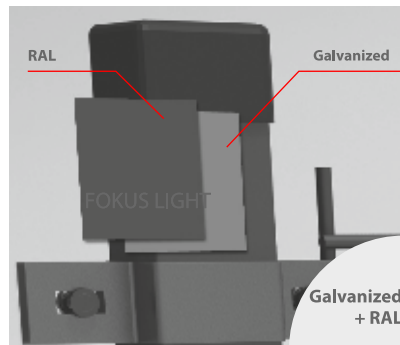


also available
in RAL colours



Technology

The FOKUS LIGHT panel is made using steel wire welding technology. Production is carried out using the latest available technologies, adhering to strict quality standards for materials, production, and anti-corrosion protection. We offer panels in four standard colours: green RAL6005, anthracite RAL7016, brown RAL8017, and black RAL9005. If needed, we can produce panels in any color from the RAL palette.



Technical Parameters

Panel height [mm]	Number of bends	Post height [mm]	Number of clamps
1030	2	1600	2
1230	2	1800	2
1330	3	2000	3
1530	3	2200	3
1730	3	2400	3
1930	3	2600	4
2030	4	2800	4
2230	4	3000	4
2430	4	3200	4
anti-corrosion protection		hot-dip galvanized, hot-dip galvanized + RAL	

Wire thickness in the panel after anti-corrosion coating:

- vertical wire (filler)	Ø 5 mm +/-0,3 mm
- horizontal wire (stiffening)	Ø 5 mm +/-0,3 mm

Panel dimensions in the FOKUS LIGHT system:

- panel width	2505 mm
- panel height	1030 mm, 1230 mm, 1330 mm, 1530 mm, 1730 mm, 1930 mm, 2030 mm, 2230 mm, 2430 mm
Number of technological bends	2 - 4
Mesh size	55x200 mm
Axial distance between posts	2,58 m (OM-1 clamps)
Number of vertical wires	46 pcs

FOKUS ECO LIGHT System

3D Panel Systems

Thanks to the use of 4 mm wire, the FOKUS ECO LIGHT panel combines durability, easy installation, and wide application possibilities at a very attractive price. Ensuring the best anti-corrosion protection and a high level of aesthetics in the production of the panel, we use hot-dip galvanizing according to the PN-EN ISO 1461 standard or powder coating in the full range of RAL colors on a zinc base.

Advantages of the FOKUS ECO LIGHT panel:

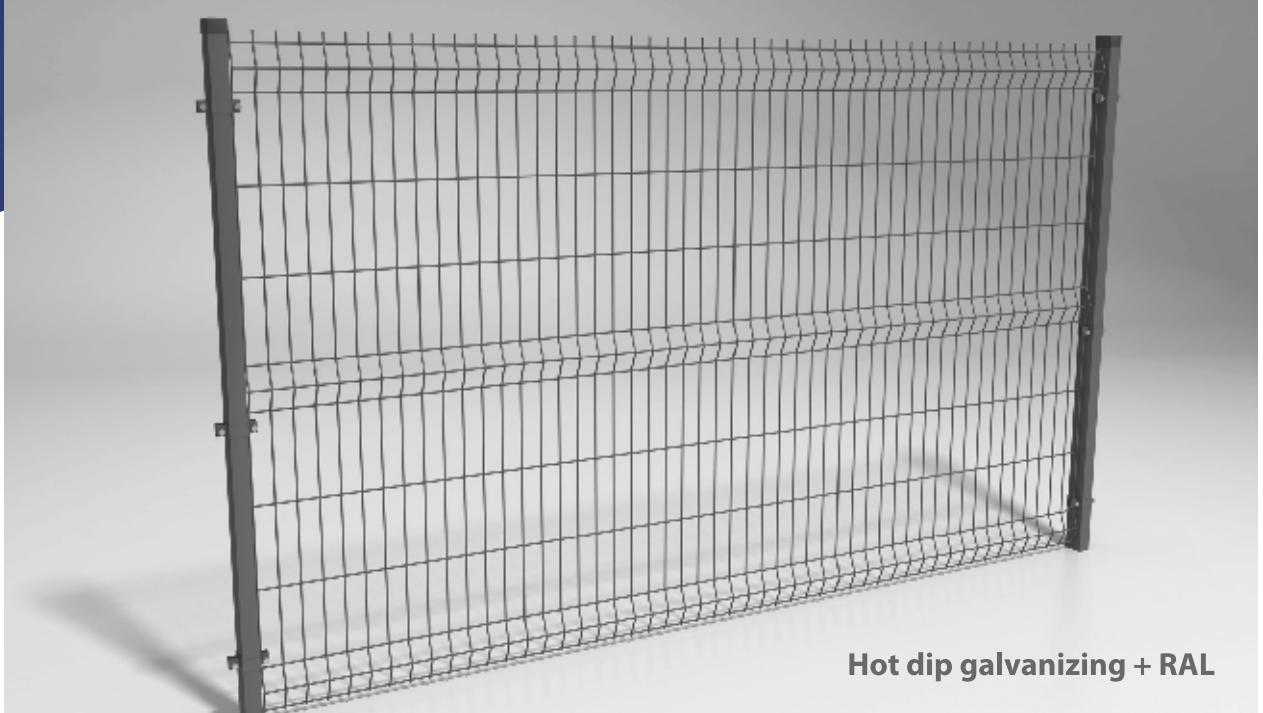
- Lightweight and durable due to the use of high-quality steel wire with a diameter of 4 mm and horizontal profiles (bends)
- solid anti-corrosion protection - hot-dip galvanizing or galvanizing + powder coating
- system comprehensiveness: the system offers panels of various heights, posts allowing installation in the ground, on plinths, floors, and all necessary accessories for installation.

Applications of the FOKUS ECO LIGHT panel:

- Private properties
- Public utility buildings
- Sports fields, facilities
- Playgrounds, parks
- Companies, factories, warehouses
- Industrial facilities, supermarkets
- Military facilities
- Airports



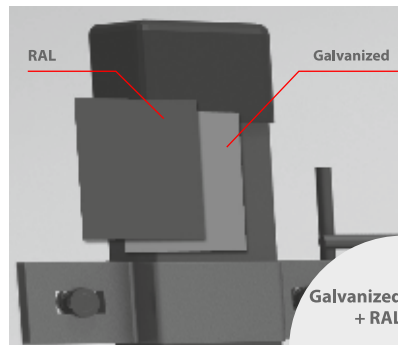
also available
in RAL colours



Hot dip galvanizing + RAL

Technology

The FOKUS ECO LIGHT panel is made using steel wire welding technology. Production is carried out using the latest available technologies, adhering to strict quality standards for materials, production, and anti-corrosion protection. We offer panels in four standard colours: green RAL6005, anthracite RAL7016, brown RAL8017, and black RAL9005. If needed, we can produce panels in any color from the RAL palette.



Technical Parameters

Panel height [mm]	Number of bends	Post height [mm]	Number of clamps
1030	2	1600	2
1230	2	1800	2
1330	3	2000	3
1530	3	2200	3
1730	3	2400	3
1930	3	2600	4
2030	4	2800	4
2230	4	3000	4
2430	4	3200	4
anti-corrosion protection		hot-dip galvanized, hot-dip galvanized + RAL	

Wire thickness in the panel after anti-corrosion coating:

- vertical wire (filler)	Ø 4 mm +/-0,3 mm
- horizontal wire (stiffening)	Ø 4 mm +/-0,3 mm

Panel dimensions in the FOKUS ECO LIGHT system:

- panel width	2505 mm
- panel height	1030 mm, 1230 mm, 1330 mm, 1530 mm, 1730 mm, 1930 mm, 2030 mm, 2230 mm, 2430 mm
Number of technological bends	2 - 4
Mesh size	55x200 mm
Axial distance between posts	2,58 m (OM-1 clamps)
Number of vertical wires	46 pcs

FOKUS ECO 75 System

3D Panel Systems

Thanks to the use of 4 mm wire, the FOKUS ECO 75 panel combines durability, easy installation, and wide application possibilities at a very attractive price. Ensuring the best anti-corrosion protection and a high level of aesthetics in the production of the panel, we use hot-dip galvanizing according to the PN-EN ISO 1461 standard or powder coating in the full range of RAL colors on a zinc base.

Advantages of the FOKUS ECO 75 panel:

- Lightweight and durable due to the use of high-quality steel wire with a diameter of 4 mm and horizontal profiles (bends)
- solid anti-corrosion protection - hot-dip galvanizing or galvanizing + powder coating
- system comprehensiveness: the system offers panels of various heights, posts allowing installation in the ground, on plinths, floors, and all necessary accessories for installation.

Applications of the FOKUS ECO 75 panel:

- Private properties
- Public utility buildings
- Sports fields, facilities
- Playgrounds, parks
- Companies, factories, warehouses
- Industrial facilities, supermarkets
- Military facilities
- Airports



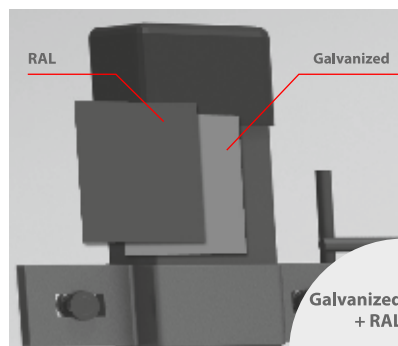
also available
in RAL colours



Hot dip galvanizing + RAL

Technology

The FOKUS ECO 75 panel is made using steel wire welding technology. Production is carried out using the latest available technologies, adhering to strict quality standards for materials, production, and anti-corrosion protection. We offer panels in four standard colours: green RAL6005, anthracite RAL7016, brown RAL8017, and black RAL9005. If needed, we can produce panels in any color from the RAL palette.



Technical Parameters

Panel height [mm]	Number of bends	Post height [mm]	Number of clamps
1030	2	1600	2
1230	2	1800	2
1330	3	2000	3
1530	3	2200	3
1730	3	2400	3
1930	3	2600	4
2030	4	2800	4
2230	4	3000	4
2430	4	3200	4
anti-corrosion protection		hot-dip galvanized, hot-dip galvanized + RAL	

Wire thickness in the panel after anti-corrosion coating:

- vertical wire (filler)	Ø 4 mm +/-0,3 mm
- horizontal wire (stiffening)	Ø 4 mm +/-0,3 mm

Panel dimensions in the FOKUS ECO 75 system:

- panel width	2505 mm
- panel height	1030 mm, 1230 mm, 1330 mm, 1530 mm, 1730 mm, 1930 mm, 2030 mm, 2230 mm, 2430 mm
Number of technological bends	2 - 4
Mesh size	75x200 mm
Axial distance between posts	2,58 m (OM-1 clamps)
Number of vertical wires	34 pcs

FLAT 5/4/5 System

2D Panel Systems

The FLAT 5/4/5 panel is a flat panel (without bends), made of double horizontal wires with a diameter of 5 mm and vertical wires with a diameter of 4 mm. To ensure the best anti-corrosion protection and high aesthetic quality during panel production, we use hot-dip galvanizing in accordance with the PN-EN ISO 1461 standard or powder coating in the full range of RAL colors on a zinc base.

Advantages of the FLAT 5/4/5 panel:

- High durability resulting from the use of high-quality steel wire (with a diameter of 4 and 5 mm)
- solid anti-corrosion protection - hot-dip galvanizing or galvanizing + powder coating
- system comprehensiveness: the system offers panels of various heights, posts allowing installation in the ground, on plinths, floors, and all necessary accessories for installation.

Applications of the FLAT 5/4/5 panel:

- Private properties
- Public utility buildings
- Sports fields, facilities
- Playgrounds, parks
- Companies, factories, warehouses
- Industrial facilities, supermarkets
- Military facilities
- Airports



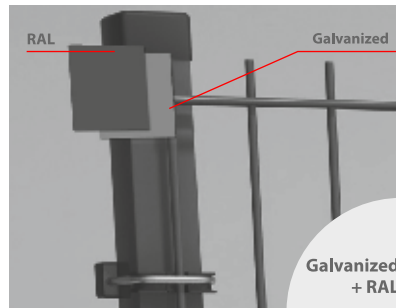
also available
in RAL colours



Hot dip galvanizing + RAL

Technology

The FLAT panel is produced using steel wire welding technology. The production process employs the latest available technologies and adheres to strict quality standards, including material quality, production processes, and anti-corrosion protection.



Hot dip galvanizing

Technical Parameters

Panel height [mm]	Post height [mm]	Number of clamps
830	1400	2
1030	1600	2
1230	1800	2
1430	2000	3
1630	2200	3
1830	2400	3
2030	2600	4
2230	2800	4
2430	3000	4
anti-corrosion protection	hot-dip galvanized, hot-dip galvanized + RAL	

Wire thickness in the panel after anti-corrosion coating:

- vertical wire (filler)	Ø 4 mm +/-0,5 mm
- horizontal wire (stiffening, double)	Ø 5 mm +/-0,5 mm

Panel dimensions in FLAT system:

- panel width	2505 mm
- panel height	830 mm, 1030 mm, 1230 mm, 1430 mm, 1630 mm, 1830 mm, 2030 mm, 2230 mm, 2430 mm
Mesh size	55x200 mm
Axial distance between posts	2,51 m (OM-2 clamps)
Number of vertical wires	46 pcs

FLAT 6/5/6 System

2D Panel Systems

The FLAT 6/5/6 panel is a flat panel (without bends), made of double horizontal wires with a diameter of 6 mm and vertical wires with a diameter of 5 mm. To ensure the best anti-corrosion protection and high aesthetic quality during panel production, we use hot-dip galvanizing in accordance with the PN-EN ISO 1461 standard or powder coating in the full range of RAL colors on a zinc base.

Advantages of the FLAT 6/5/6 panel:

- High durability resulting from the use of high-quality steel wire (with a diameter of 5 and 6 mm)
- solid anti-corrosion protection - hot-dip galvanizing or galvanizing + powder coating
- system comprehensiveness: the system offers panels of various heights, posts allowing installation in the ground, on plinths, floors, and all necessary accessories for installation.

Applications of the FLAT 6/5/6 panel:

- Industrial facilities, supermarkets
- Companies, factories, warehouses
- Sports fields, facilities
- Playgrounds, parks
- Private properties
- Military facilities
- Airports
- Public utility buildings



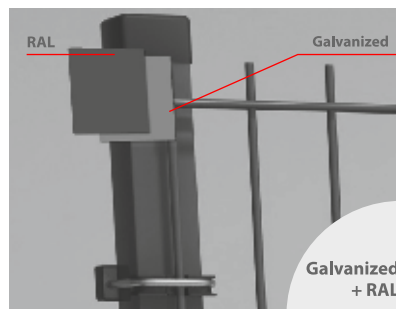
also available
in RAL colours



Hot dip galvanizing + RAL

Technology

The FLAT panel is produced using steel wire welding technology. The production process employs the latest available technologies and adheres to strict quality standards, including material quality, production processes, and anti-corrosion protection.



Hot dip galvanizing

Technical Parameters

Panel height [mm]	Post height [mm]	Number of clamps
830	1400	2
1030	1600	2
1230	1800	2
1430	2000	3
1630	2200	3
1830	2400	3
2030	2600	4
2230	2800	4
2430	3000	4
anti-corrosion protection	hot-dip galvanized, hot-dip galvanized + RAL	

Wire thickness in the panel after anti-corrosion coating:

- vertical wire (filler)	Ø 5 mm +/-0,5 mm
- horizontal wire (stiffening, double)	Ø 6 mm +/-0,5 mm

Panel dimensions in FLAT system:

- panel width	2505 mm
- panel height	830 mm, 1030 mm, 1230 mm, 1430 mm, 1630 mm, 1830 mm, 2030 mm, 2230 mm, 2430 mm
Mesh size	50x200 mm
Axial distance between posts	2,51 m (OM-2 clamps)
Number of vertical wires	51 pcs

FLAT 8/6/8 System

2D Panel Systems

The FLAT 8/6/8 panel is a flat panel (without bends), made of double horizontal wires with a diameter of 8 mm and vertical wires with a diameter of 6 mm. To ensure the best anti-corrosion protection and high aesthetic quality during panel production, we use hot-dip galvanizing in accordance with the PN-EN ISO 1461 standard or powder coating in the full range of RAL colors on a zinc base.

Advantages of the FLAT 8/6/8 panel:

- High durability resulting from the use of high-quality steel wire (with a diameter of 6 and 8 mm)
- solid anti-corrosion protection - hot-dip galvanizing or galvanizing + powder coating
- system comprehensiveness: the system offers panels of various heights, posts allowing installation in the ground, on plinths, floors, and all necessary accessories for installation.

Applications of the FLAT 8/6/8 panel:

- Industrial facilities, supermarkets
- Companies, factories, warehouses
- Airports
- Public utility buildings
- Military facilities
- Sports fields, facilities
- Playgrounds, parks
- Private properties



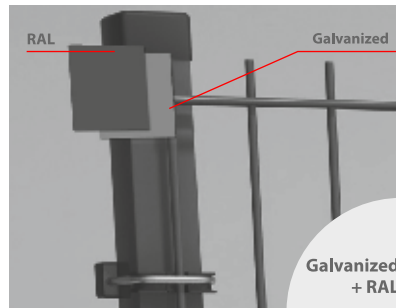
also available
in RAL colours



Hot dip galvanizing + RAL

Technology

The FLAT panel is produced using steel wire welding technology. The production process employs the latest available technologies and adheres to strict quality standards, including material quality, production processes, and anti-corrosion protection.



Hot dip galvanizing

Technical Parameters

Panel height [mm]	Post height [mm]	Number of clamps
830	1400	2
1030	1600	2
1230	1800	2
1430	2000	3
1630	2200	3
1830	2400	3
2030	2600	4
2230	2800	4
2430	3000	4
anti-corrosion protection	hot-dip galvanized, hot-dip galvanized + RAL	

Wire thickness in the panel after anti-corrosion coating:

- vertical wire (filler)	Ø 6 mm +/-0,5 mm
- horizontal wire (stiffening, double)	Ø 8 mm +/-0,5 mm

Panel dimensions in FLAT system:

- panel width	2505 mm
- panel height	830 mm, 1030 mm, 1230 mm, 1430 mm, 1630 mm, 1830 mm, 2030 mm, 2230 mm, 2430 mm
Mesh size	50x200 mm
Axial distance between posts	2,51 m (OM-2 clamps)
Number of vertical wires	51 pcs

FENCE posts

Panel Systems

TABAL offers fence posts made from 60 x 40 mm profiles for every type of panel in the FOKUS and FLAT systems. The wall thickness of the post is selected based on the type of panel used. To ensure the best anti-corrosion protection and high aesthetic quality in the production of the posts, we use powder coating in the full range of RAL colors on a zinc base.

Advantages of the Fence Posts:

- High durability resulting from the use of high-quality steel wire (with a thickness of 1 to 2.3 mm)
- solid anti-corrosion protection - hot-dip galvanizing or galvanizing + powder coating
- system comprehensiveness: the system offers panels of various heights, posts allowing installation in the ground, on plinths, floors, and all necessary accessories for installation.

Applications of the Fence posts:

- Industrial facilities, supermarkets
- Companies, factories, warehouses
- Sports fields, facilities
- Playgrounds, parks
- Public utility buildings
- Military facilities
- Airports
- Private properties



also available
in RAL colours



Hot dip galvanizing + RAL

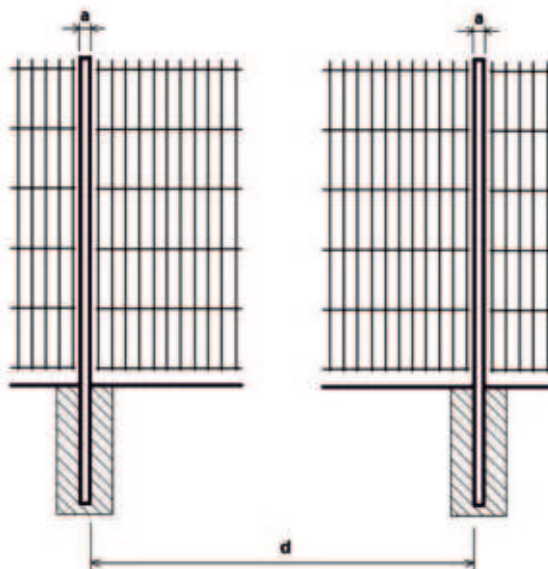
Fence posts are an essential element of panel fencing systems. Their proper installation determines the durability and aesthetics of the entire fence. The posts offered by TABAL are made from 40x60 mm galvanized steel profiles and coated in a modern powder coating facility. To meet all customer expectations, our offer includes posts of various heights (from 1.6 to 3 meters) and wall thicknesses (from 1 mm to 2.3 mm).

Standard colors: green (RAL6005), anthracite (RAL7016), brown (RAL8017), black (RAL9005).

On special request, we can produce posts in any color from the RAL palette.

The clamps system includes options for mounting all panels offered by TABAL to the posts:

- Between Posts Using OM-1 clamp:
Axial post spacing of 2.58 meters.
- To the Front of the Post Using OM-2 clamp:
Axial post spacing of 2.51 meters.



For the OM-1 clamp, $d = 2540$ mm, so the axial distance of standard 40 x 60 mm posts is 2580 mm (40 mm wall thickness from the front of the fence).

For the OM-2 clamp, $d = 2470$ mm, so the axial distance of standard 40 x 60 mm posts is 2510 mm (40 mm wall thickness from the front of the fence).

For posts with different profiles, the axial distance = $d + a$.

NOTES:

NOTES:



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