

**«Politon»** – modern solutions  
for your company

# Who are we?

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**Politon** is a European manufacturing company that manufactures fiberglass panels, baseboards, kerbs, flexible and rolling barriers.

Our products are **designed to protect walls and equipment** and have proven themselves to be good during operation under different conditions: high humidity, temperature differences, exposure to chemically active substances, such as acids and alkalis.

We began our operations in September 2012 in the city of Poltava and since then have organized production based on European and American equipment. **All our manufacturing range meets European quality standards and has consistently high quality, which is confirmed by the ISO certificate.**

Both small enterprises and real giants in their field entrust us with the safety of their production areas and equipment: "Lasunka", "Globyne", "ATB", "Nasha Riaba", "Favoryt Plus" and many others.





**Fiberglass panels**



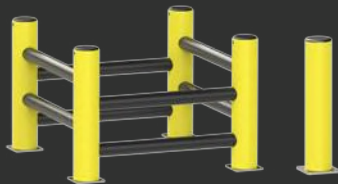
**Hygienic baseboard**



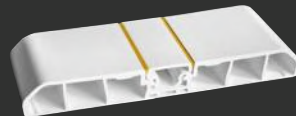
**Impact-resistant kerb**



**Rolling barriers**



**Flexible safety barriers**



**Bumper on the wall**



They are in the form of a flat, opaque fiberglass sheet with a glossy surface. They are used for lining walls and ceilings in production and non-production premises. They are best to use in premises with increased sanitary and hygienic requirements.

Advantages of using:

- ▲ **resistant** to mechanical damage, do not absorb moisture;
- ▲ **highly durable** and resistant to rust, vibrations and temperature differences; withstand aggressive chemical environment;
- ▲ **the material of the panels contributes** to compliance with the necessary sanitary and hygienic standards and meets high quality standards;
- ▲ **can be installed** on various surfaces, such as: facing tiles, sandwich panels, brick, concrete, plasterboard, etc.

# Dimensions



## For walls:

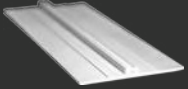

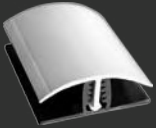
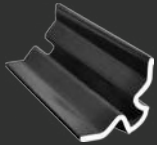
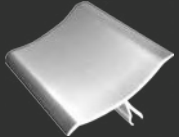

width – 1200 mm,  
length – 2500 mm,  
thickness – 1,5 mm.

## For ceilings:

width – 1200 mm,  
length – 1200 mm,  
thickness – 1,5 mm.

# Component profiles for panels

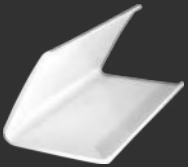
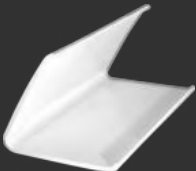



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Name	Profile HGB basic	HHGC cover plate 40 mm	Connecting profile 10-20 mm	Basic PVC corner	PVC corner plug 65 mm	PVC corner plug 103 mm
Purpose	Connects the ends of fiberglass plates located in the same plane. It is installed before the installation of panels.	Connects the ends of fiberglass plates located in the same plane. It is installed before the installation of panels.	Connects the ends of 10-20 mm fiberglass plates located in the same plane.  It consists of a basic profile and a cover plate.	Connects the inner corners of fiberglass panels. It is installed before the installation of panels.	Connects the inner corners of fiberglass panels. It is installed before the installation of panels.	Connects the inner corners of fiberglass panels. It is installed before the installation of panels.
Appearance						

Profiles for installation of fiberglass plates. Supplied in strips 3 m long

# Component profiles for panels

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Name	Flexible angle profile 50*50 mm	Flexible angle profile 100*100 mm	JS2D external corner	J3D inner corner	Hammering pins 6,35 mm
Purpose	Connecting profile for external corners. It is installed after the nstallation of panels.	Connecting profile for external corners. It is installed after the nstallation of panels.	The element covering the external corner connection of the connecting profile.	The element covering the inner corner connection of the connecting profile.  Consists of two parts: - basic (on the left in the photo); - acadé (on the right in the photo).	Fixing pin rivets for additional fixation of fiberglass panels and connecting profiles.
Appearance					

Additional elements for installing fiberglass plates. Supplied by the piece.






This industrial baseboard is not impact resistant. It is made of voidless polymer material and has the following characteristics:

- ▲ **height** - from 65 to 300 mm;
- ▲ **quick removal of moisture** from the surface of the walls;
- ▲ **reliable protection** of the wall-floor joint from liquids;
- ▲ **quick installation** or replacement in case of damage; rich
- ▲ **palette of colors** according to the RAL standard.



# Product range

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Appearance					
Name	PL65	PL100	PL100x100	PL180	PL300RD
Length, mm	1000	1000	1000	1000	1000
Height, mm	65	100	100	180	300
Middle part thickness, mm	-	10	10	15	10
Bottom part thickness, mm	65	26	100	36	28

# Impact-resistant kerbs

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The product is made of solid-cast polymer material with the addition of different fractions of fillers, which in turn increases its resistance to mechanical impacts.

- ▲ **height** - from 200 to 400 mm;
- ▲ **a variety of options:** standard, for installation with a poured floor, with enhanced protection;
- ▲ **strength:** the voidless of the product material ensures preservation of the shape of the kerb in case of mechanical loads;
- ▲ **resistance to** moisture, temperature differences, chemical substances: acids and alkalies;
- ▲ **versatility:** products can be installed in all types of industrial, auxiliary and refrigerating premises;
- ▲ **aesthetic appearance** and the possibility of painting according to the general interior of the room.



# Product range

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Appearance					
Name	BR200	BR300	BR300N	BRU300P	BRU400
Length, mm	1000	1000	1000	1000	1000
Height, mm	200	300	300	300	400
Middle part thickness mm	32	60	60	100	100
Bottom part thickness, mm	55	80	50	100	115

# Roller Stopper rolling barrier

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The **rolling barrier** is an effective modern system of protection against damage caused by vehicles.

The deliberate location of the rollers rotating around their axis and the set construction of the barrier ensure **uniform distribution, absorption and redirection of the impact energy** along the tangent at the time of collision with the vehicle. The rollers are **made of elastic material "PoliSAF"**, which has closed structural pores and additives that protect it from destruction under the influence of UV rays.

## Uniqueness

Due to the "PoliSAF" material and the rational design of the barrier in the event of a collision with a vehicle, the energy of the impact is redirected and distributed, which allows to avoid damage to property and equipment, prevent injury to people.

## Installability and suitability

Rolling barriers can be installed in any area where it is required to secure the movement of a vehicle: roads, logistics transport routes, etc.

## Aesthetics

Rolling barriers have a modern and stylish design, which allows them to harmoniously fit into the outdoor space.

## Reliability

The supporting structure of the rolling barriers is made of powder-coated thick-walled steel elements. This ensures weather resistance, longevity, low maintenance and durability.

## Versatility

Rolling barriers are suitable for all kinds of vehicles and can be used at different types of roads.

## Visibility

Rolling barriers have a safety color and reflective elements visible in the dark.



Rolling barrier RS 485/1000 (G)

## Roller Stopper can be installed:

- ▲ as an individual element of protection;
- ▲ as a system of rolling barriers, which can be combined with connecting elements to the required length.

## Technical Specifications:

Roller size – 485x350 mm;

Roller weight – 9,5 kg;

Roller material – Compound «PoliSAF» based on PU+PP+EVA with closed structural pores.

The pole and connecting elements are galvanized.

# Flexible barriers

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The structures are made of extra strong plastic polymer. The Stopper evenly distributes the mechanical load over its entire surface, thereby it does not deform. Moreover the barrier maintains the integrity of the floor and vehicles in the event of a collision.

Functions:

- ▲ **protect the constructions** and equipment from collision with vehicles;
- ▲ **separate** the working and pedestrian zones;
- ▲ **are proof against** the action of moisture, ultraviolet and temperature differences;
- ▲ **can be installed** both indoors and outdoors.



We offer a **comprehensive approach** to the protection of the workplace and equipment, which is why we have different types of safety fencing. We also **recommend paying attention to the HARD line of safety fencing**, which are designed for use in the premises of logistics centers and production sites with increased traffic.

## Vertical

This category of products includes protective pillars. These products are strong, durable and can be easily seen even in low visibility conditions.

They are designed to protect doors, service passages, external corners.

## Horizontal

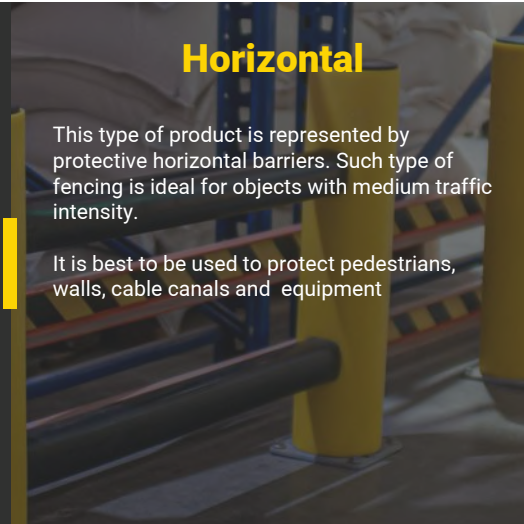
This type of product is represented by protective horizontal barriers. Such type of fencing is ideal for objects with medium traffic intensity.

It is best to be used to protect pedestrians, walls, cable canals and equipment

## Special

These safety fencing falls into the category of multifunctional products. It is possible to manufacture an individual design considering the specifics of your business and the characteristics of the enterprise.





Designed to protect columns, building supports, structures of any size and shape.








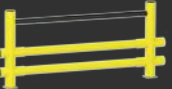


# Product range

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Appearance				
Name	Stopper BV125	Stopper BV140	Stopper BV 140/1000	Stopper BV0110
Description	Protection of doorways, service passages and external corners.	Protection of doorways, service passages and external corners.	Protection of doorways, service passages and external corners.	Protection of doorways, service passages and external corners.
Height, mm	615	615	1015	1050
Diameter, mm	125	140	140	110

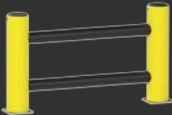
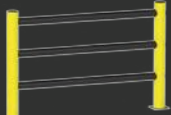
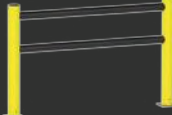

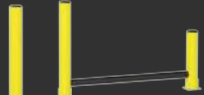
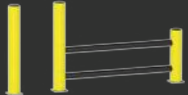
# Product range

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Appearance						
Name	Stopper BH125	Stopper BH140	Stopper BCC125	Stopper BL140	Stopper BL140(01)	Stopper BVC125
Description	Protection of walls and equipment. It is manufactured in single- and multi-sectional versions.	Protection of walls and equipment. It is manufactured in single- and multi-sectional versions.	It is designed to protect cable channels. It is manufactured in single- and multi-sectional versions.	Protection of walls, equipment and zoning the working area. It is manufactured in single- and multi-sectional versions.	Protection of walls, equipment, racks etc. It is manufactured in single- and multi-sectional versions.	Protection of semi-columns, equipment, racks etc. It is manufactured in single- and multi-sectional versions.
Height, mm	270	270	315	1015	615	615
Diameter of the finite/ connecting element, mm	75	110	125	140	140	125
Section diameter, mm	125	140	75	75 110	110	75

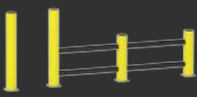
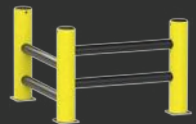


# Product range

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Appearance						
Name	<b>Stopper BVC140</b>	<b>Stopper BT110</b>	<b>Stopper BW110</b>	<b>Stopper BLP140</b>	<b>Stopper BRD125</b>	<b>Stopper BRD140</b>
Description	Protection of semi-columns, equipment, racks etc. It is manufactured in single- and multi-sectional versions.	Protection of walls and distribution of traffic flows . It is manufactured in single- and multi-sectional versions.	Zoning of pedestrian zones. It is manufactured in single- and multi-sectional versions.	Enhanced protection of walls and equipment. It is manufactured in a single-section version.	Sliding door protection set.	Sliding door protection set.
Height, mm	<b>615</b>	<b>1015</b>	<b>1015</b>	<b>1085</b>	<b>1015 615</b>	<b>1015 615</b>
Diameter of the finite/ connecting element, mm	<b>140</b>	<b>110</b>	<b>110</b>	<b>140</b>	<b>125</b>	<b>140</b>
Section diameter, mm	<b>75</b>	<b>75</b>	<b>75</b>	<b>125</b>	<b>75</b>	<b>75</b>

# Product range

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<b>Appearance</b>						
<b>Name</b>	<b>Stopper BRD140(01)</b>	<b>Stopper BCorner140</b>	<b>Stopper BVC140x4(01)</b>	<b>Stopper BVC140x4</b>	<b>Stopper BWorkerH</b>	<b>Stopper BWall</b>
<b>Description</b>	Sliding door protection set.	Protection of external corners, semi-columns and equipment.	Protection of semi-columns and equipment.	Protection of columns and equipment.	Protection of the workplace during unloading and cargo acceptance.	Equipment protection
<b>Height, mm</b>	<b>1015 615</b>	<b>715</b>	<b>715</b>	<b>715</b>	<b>1215</b>	<b>1015</b>
<b>Diameter of the finite/ connecting element, mm</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>110</b>
<b>Section diameter, mm</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>75 110</b>	<b>140</b>

# Bumper on the wall

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The product is made of high-quality PVC - it does not emit unpleasant odors and is non-toxic.

It has the following advantages:

- ▲ **aesthetic appearance**, which makes the repair perfect;
- ▲ **remains intact** in case of minor impacts;
- ▲ **hygienic**: it can be washed and disinfected;
- ▲ **resistant** to detergents and antiseptics;
- ▲ **does not accumulate moisture**, which excludes the development of harmful bacteria and mold.

**The bumper on the wall is designed** to be installed in commercial and industrial premises, as well as medical facilities, where there is a risk of damage to the walls by moving devices: carts, frames, wheelbarrows, stretchers for transporting patients or furniture located near the walls.

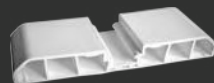
# Components of the bumper on the wall

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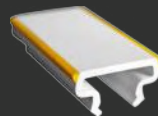
Name

Appearance

Bumper on the wall, 150x20 mm



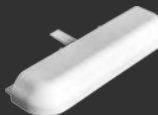
Bumper blind plug, 25 mm (RAL1023)



Connecting bumper blind plug,  
150x20 mm (external corner)



Finite bumper blind plug, 150x20 mm



For reliable installation of fiberglass panels, baseboards and kerbs,  
we recommend using:



Primer, 950 ml

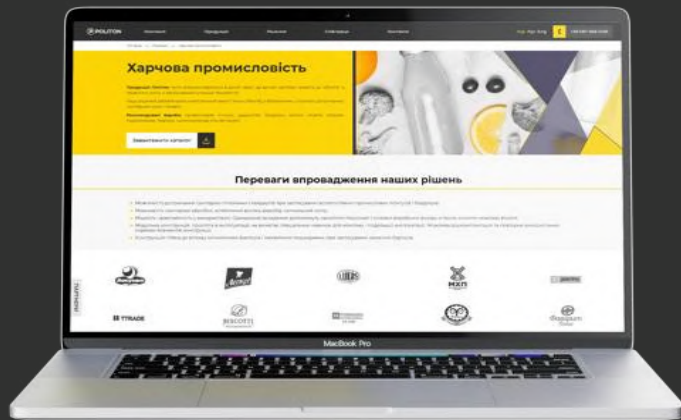


Polymer glue-sealant "Polyflex", 600 ml

So far, we have implemented **more than 1,000 projects of various levels of complexity.** Our solutions are successfully used:


- ▲ at food industry enterprises;
- ▲ in retail and wholesale trading platforms;
- ▲ in medical institutions;
- ▲ at production and pharmaceutical facilities;
- ▲ in parking lots;
- ▲ in logistics companies.


We are always there where high-quality protection of walls or objects from mechanical damage is needed, where workers' safety and equipment safety are taken care of, where they want to meet high standards and be a leader in their segment.






To order the desired product or to clarify the information, **contact our manager by phone or e-mail**. Our specialist will advise you and help you choose products in accordance with the specifics of your enterprise.

 town of Poltava, 22, Pushkin street, 36000, Ukraine

 +38 066 464 9804; +38 097 669 2328

 info@politon.org.ua

 politon.com.ua