

 boplan®

**READY
FOR
IMPACT**

» **NEW**



THE STRONGEST POLYMER BOLLARD IN THE WORLD

**PROTECTIVE BOLLARD THAT SETS NEW
STANDARDS IN SAFETY, STRENGTH
AND PERFORMANCE**

THE STRONGEST POLYMER BOLLARD IN THE WORLD

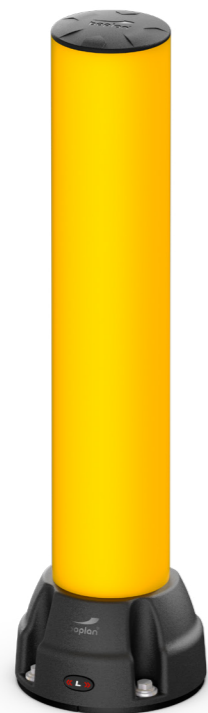


THE FLEX IMPACT® BOLLARD RANGE SETS NEW STANDARDS IN SAFETY, STRENGTH AND PERFORMANCE

The new Boplan® Bollard Range is a comprehensive selection of protective bollards, engineered to meet a wide range of needs. Each bollard in this series is designed with a specific strength and impact resistance to ensure there is a perfect solution for every requirement, ranging from extremely heavy impacts up to 24,1 kJ (kilojoules) to light 2,5 kJ impacts. Additionally, you benefit from a broad range of options, colours, and heights that allow for customisation to suit specific environments and aesthetic preferences.

The patented modular build-up provides unprecedented impact protection. The bollards are made from Extrilene®, a special high-performance polymer optimised to withstand multiple impacts. The deformation that occurs after each crash disappears as the vehicle rebounds. This eliminates the need for post-impact repairs.

The Boplan® Bollard Range redefines impact protection and offers a tailored solution for every scenario.



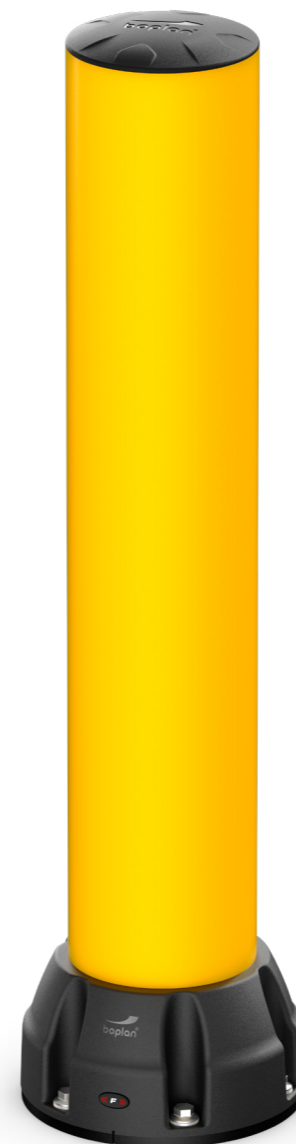
BO125L
>>> 2,5 kJ



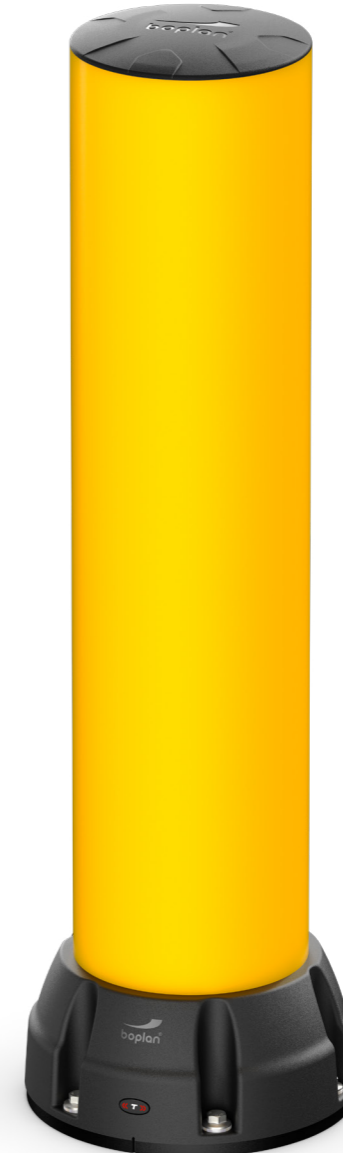
BO170B
>>> 7,5 kJ



BO200R
>>> 10,2 kJ



BO200F
>>> 16 kJ



BO250T
>>> 24,1 kJ



Also available for use in freezing temperatures down to -30°C

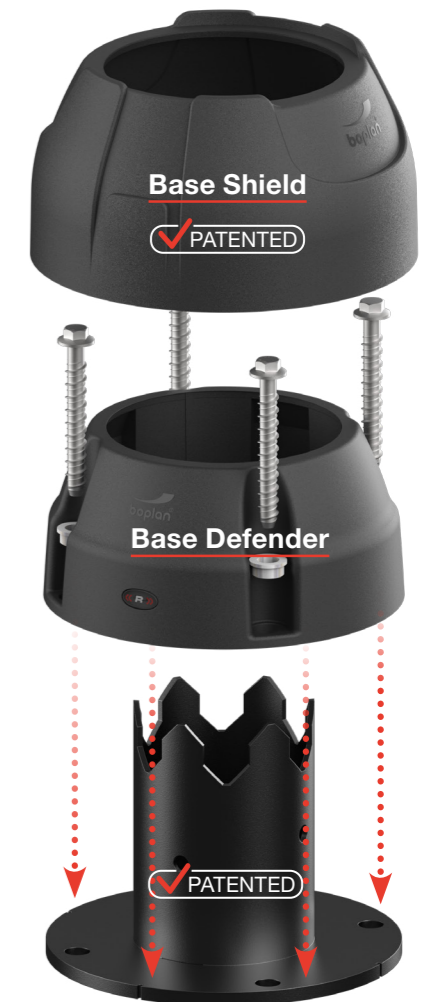


THE BOPLAN® BOLLARD RANGE
FIVE POWERFUL SOLUTIONS FOR ALL SAFETY NEEDS

A REVOLUTIONARY BASE DEFENDER

The screws that anchor the round base plate to the floor are protected by the Base Defender. This sustainable rubber cover makes it physically impossible to drive over the base plate and damage the screws.

For a more finished look, cover the Base Defender with a Base Shield (optional). This provides additional protection against ground-level impacts and hygienic shielding from dirt and dust. The Base Defender is wider than the bollard, leaving a clear space to keep your fingers safe.



TUVNORD



What makes Boplan® bollards so strong?

The new bollard range is the result of years of research & development, relentless testing and experience in the field. A unique combination of three features contribute to the exceptional strength of our bollards:

1. Extrilene®: the polymer technology

specially developed by Boplan® for high performance and increased impact resistance. The aligned molecular structure provides unrivalled strength while maintaining maximum flexibility.

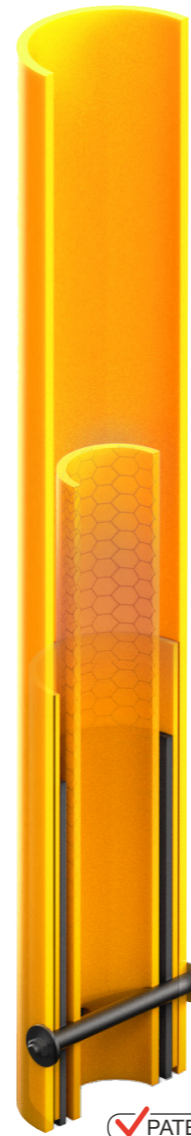


2. The inner construction with multiple tubes

which greatly strengthens the entire structure, because the impact of a collision is distributed over a larger surface area.

3. An optimised base plate

that enhances the impact resistance of the bollard.



✓ PATENTED



✓ PATENTED


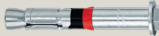

MAXIMUM VISIBILITY

All bollards come in a variety of distinctive colours and patterns, making them highly visible in any situation.

- yellow or black (standard)
- grey or red (optional, only for BO200R)
- with 1 or 2 yellow stripes (optional, BO125L: 1 stripe)
- with 1 or 2 black stripes (optional, BO125L: 1 stripe)
- with 1 or 2 white stripes (optional, BO125L: 1 stripe)



FIXATIONS

- Concrete screws  STANDARD
- Expansion anchors  OPTIONAL
- Asphalt fixations  OPTIONAL

APPLICATIONS AND TYPICAL ENVIRONMENTS

For the protection of gates, access ways, corners and machines in:

- Car park buildings
- Commercial real estate
- Distribution centres
- Industrial real estate
- Logistics, supply chain and material handling industries
- (Petro-)chemical plants
- Transport and logistics centres
- Warehouses and storage facilities
- and more

ADVANTAGES

- Easy installation
- Chemical and UV resistance
- Corrosion resistance
- No maintenance
- No painting or coating
- Protected base plate mounts
- Finger safe
- Impact resistance up to 24,1 kJ
- TÜV certified
- Tested according to PAS 13
- 100% sustainable: easy to recycle
- A tailored solution for every scenario
- Choice of options, colours and heights
- Extrilene® high performance polymer
- Patented technology



AVAILABLE IN DIFFERENT HEIGHTS

Other heights on request



ACCESSORIES



Boplan® SignMark 200

Convey the right message in the right place with the optional SignMark 200: one-way traffic, speed limits, mandatory safety equipment, special warnings, etc. The SignMark 200 is designed for a perfect fit and can easily be replaced with a single click.

Available for BO200R and BO200F



Base Shield

The Base Shield protects the Base Defender and the base plate against ground-level impacts and provides hygienic protection from dirt and dust. And on top of that... it looks great.

Available for BO200R and BO200F. On request for the other bollards.



Rotor Sleeve

When a vehicle collides with a bollard, the Rotor Sleeve deflects the impact by rotating. This means that the bollard does not absorb the full force of the collision, reducing damage to your vehicle. This is beneficial in areas with an increased risk of collision, such as high traffic areas.

Available for BO200R and BO200F



BO Belt (retractable)

The BO BELT is a BO200R bollard with an integrated belt barrier. This belt allows you to quickly demarcate an area such as a doorway, gate or loading dock opening. It prevents pedestrians from walking into the path of moving vehicles, stepping into an uncovered opening, or entering a maintenance area. It is available in two lengths of either 5 m or 10 m.



NOT ONLY POWERFUL, BUT SUSTAINABLE AS WELL

When you choose Boplan, you can be sure that you are not only investing in safety, but also contributing to a greener future, as we design our products to be durable, repairable and recyclable.

MAKE

We recycle 89% of our post-industrial waste, which means a yearly reduction of 344 tonnes of CO2e compared to using virgin material.

MAINTAIN

As long as the design parameters are respected, the life expectancy of our bollards easily exceeds the time you need them.

REPAIR

The modular design of our bollard range allows you to replace only the damaged parts and reuse the others.

REUSE

Our bollards can be used again and again because they can be easily disassembled and reassembled.

TAKE-BACK

We gladly evaluate take-back options on request.

RECYCLE

Our bollards can be disassembled without special equipment, and 100% of the product weight can be reused in existing recycling programs.



CIRCULAR ECONOMY

For more information



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