



**READY
FOR
IMPACT**



HIGH PERFORMANCE SAFETY

FOR THE INDUSTRY & SPORTS EVENTS



BOPLAN® SPORT

Your partner for safe sporting events

Since the founding of Boplan® Sport, we have been dedicated and determined to develop the best safety solutions for cycling and sports events.

As cycling enthusiasts from the very beginning, we understand all too well the importance of protection for both riders and spectators. Incidents in the recent past show that insufficient attention to safety has serious or even fatal consequences. Therefore, adequately securing venues where there is an accident risk for participants, staff and spectators is crucial. This drives us to keep innovating and developing new solutions that guarantee the safety of all involved.

Certainty and reliability are the guiding principles when it comes to safety. With 25 years of experience in innovative safety solutions for production sites, industrial environments, (refrigerated) warehouses, logistics centres, (petro-) chemical sites, car parks and even airports, Boplan® is the worldwide reference in impact absorption. Driven by our mission to protect people, material and infrastructure from injury or damage, we develop solutions in impact-absorbing polymer for securing cycling races and other sporting events.

I couldn't be more proud of what we accomplish at Boplan® and the impact it has on the cycling community and sporting experience.



Organising a sports event?

Our team of experts will be happy to work with you to see how we can best secure your event.

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Xavier Ramon
CEO and founder of Boplan® Sport

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BOPLAN®

RACE BARRIER

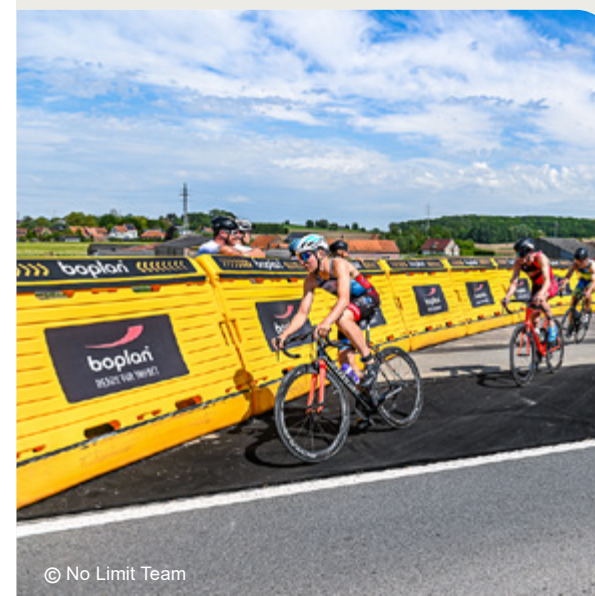


The **BOPLAN® RACE BARRIER®** is designed to protect the finish area of cycling races. These yellow polymer barriers are 1 m 40 (4'7") high and give both riders and spectators optimal protection during one of the most critical phases of the race. Its 70° angle keeps spectators at a safe selfie distance from the riders.

A tongue and groove system seamlessly connects the RACE BARRIERS. They also have a continuous, recessed area for advertising panels. The legs are foldable and special forklift openings make it easy to put the barriers in place.



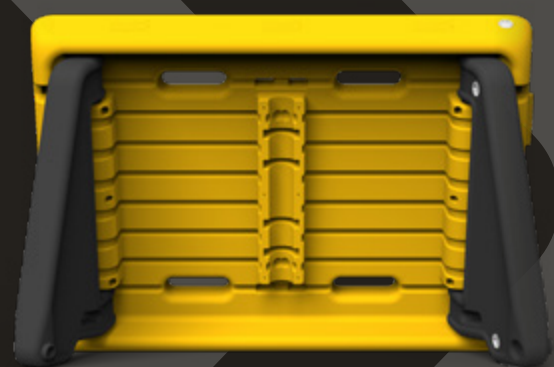
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© No Limit Team

SPECIFICATIONS

- » Made entirely of impact-absorbing polymer
- » Height of 140 cm (4'7") and 70° angle setup keep spectators at a safe distance
- » Seamless set-up with tongue and groove connections
- » Easy to interconnect
- » Recessed advertising space
- » Can be weighted
- » Folding legs
- » Stackable and easy to use
- » Special forklift recesses



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For more information, visit www.boplansport.com

J⁷

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BOPLAN®
**RACE
BARRIER**
TESTED
BY **UCI**

BOPLAN® RACE BARRIER proves best in UCI test

In 2021, the Union Cycliste Internationale (UCI) commissioned a study on the performance of different types of safety fences for cycling races. The results of the study were intended to inform the UCI's decision-making on the safety of fences and improve the safety of riders and spectators.

Source: Études des barrières (By HES-SO Valais-Wallis). (2021).



The study, conducted by the School of Engineering (HES-SO in Sion, Switzerland), included:

- » A video analysis of falls during sprints
- » Physical crash tests to evaluate the performance of different types of fences under realistic conditions.

Based on the scientific test results, a report was prepared by the UCI on which fences are most effective in preventing accidents and reducing the severity of injuries.

The **BOPLAN® RACE BARRIER** came out as the outright winner.

CRASH TEST RESULTS *

BARRIER A BARRIER B BARRIER C



To avoid falls or reduce the risk of injury, safety barriers should...

- » maintain their position on impact and not fall over.
- » have a smooth surface on the riders' side.
- » remain connected on impact and the attachment points must not show any damage.
- » give way on impact to dissipate energy.
- » have a minimum height of 130 cm and an inclination of 70° (selfie-safe distance).



*Only the Boplan® Race Barriers passed the full testing protocol. The other variants showed too much damage halfway through the tests.



BOPLAN®

RACE BARRIER

E3 Saxo Classic
2023



BOPLAN® RACE TOTEM

The **BOPLAN® RACE TOTEM®** has been developed for hazardous areas along the route where signs are required: traffic islands, speed ramps, intersections, bottlenecks, road narrowings, dangerous obstacles such as traffic signs and poles, street furniture, etc. The deployment of race marshals in these areas is often inadequate and even dangerous, with possibly serious consequences such as bodily injury to participants and employees.

The Boplan® RACE TOTEM® warns participants of an obstacle in time. In the event of an impact, the flexible polymer absorbs much of the shock.

 34 kg  Installation guide available



SPECIFICATIES

- » High visibility from a distance thanks to its striking yellow colour, height of 2m40 (7'10") and pulsing flashing light on the top
- » Audible warning signal
- » Sign showing on what side the riders have to pass the obstacle
- » 180° protection around the obstacle
- » Can be weighted for optimal stability
- » Quick and easy to install
- » Weather resistant
- » Impact-absorbing polymer
- » Rounded design reduces risk of injury in the event of impact
- » Equipped with GPS tracking system



BOPLAN®

RACE TOTEM

ZLM Tour
2024



BOPLAN®

RACE GUARD

The **BOPLAN® RACE GUARD®** is the ultimate solution for a safe and streamlined race. With its striking design and innovative features, the RACE GUARD guarantees maximum safety and clear signs along the route.

The versatility of the RACE GUARD® is demonstrated by how easily it can be placed, handled and removed along the route. Whether you need to close off streets, indicate turns or create safe passage for riders, the RACE GUARD® is always ready to clearly indicate changing race situations.

The 360° signalling board and built-in LED strip steer riders in the right direction. So they can fully focus on the race. A bend, a road narrowing? The RACE GUARD® with striking light signal is on post to warn the peloton in time.

With its striking yellow colour and massive volume with a height of 1m75, the RACE GUARD® cannot be missed. Moreover, its pulsing LED lights make it extra visible in daylight, so riders are always alerted in time to risky situations on the course.



23 kg



Installation guide
available



SPECIFICATIONS

- » Easy to handle and quick to place and move along the route to indicate changing race situations in advance
- » 360° arrow signs
- » Visual warning with a pulsating LED light that is also clearly visible during the day
- » Highly visible thanks to its striking yellow colour and height of 1 m 75 (5'9")
- » Made of impact absorbing polymer
- » Can be weighted with water or sand
- » Durable and weatherproof
- » Rounded with no protruding parts
- » Special recesses for forklifts or pallet trucks
- » Integrated lifting eye for easy placement

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BOPLAN®

**RACE
GUARD**

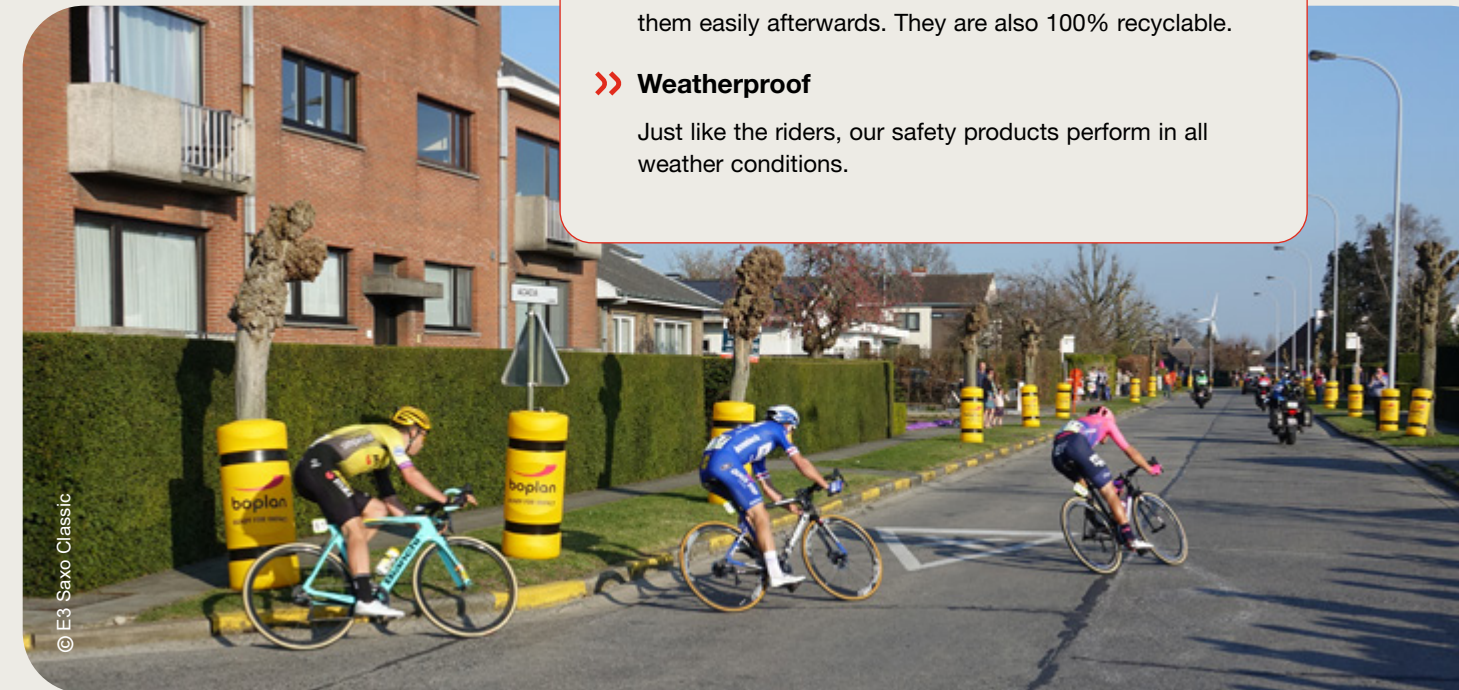
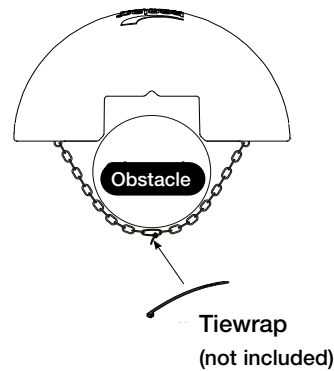


BOPLAN®

RACE BUMPER

The **BOPLAN® RACE BUMPERS®** are a must for fast and efficient protection in areas with trees, posts, fences and others dangerous obstacles along the route. These impact absorbent polymer bumpers indicate a potential hazard and mitigate the consequences of a possible impact.

The chains at the back of the RACE BUMPERS® make them quick and easy to attach. A special recess ensures that the obstacle is optimally shielded.



SPECIFICATIONS

» Impact-absorbing

If a rider hits the BOPLAN® RACE BUMPER®, it will absorb a significant part of the force.

» Quick installation

You can easily attach the RACE BUMPER® to the obstacle with the accompanying chains. Easy to place and quick to remove!

» Durable

The bumpers are built to last and are virtually maintenance free. You can use them for several races and store them easily afterwards. They are also 100% recyclable.

» Weatherproof

Just like the riders, our safety products perform in all weather conditions.



BOPLAN®

RACE BUMPER

UCI MTB Eliminator World Cup
2021



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For more information, visit www.boplansport.com

OFFICIAL PARTNER



MTB ELIMINATOR
WORLD CUP

POWERED BY KUWAIT

© City Mountainbike

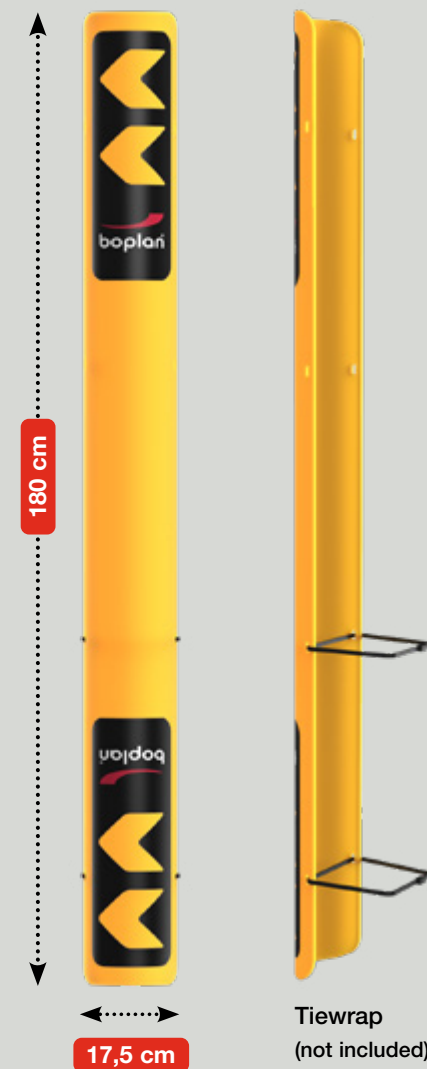
BOPLAN® RACE PILLAR

The **BOPLAN® RACE PILLAR®** is a designed to extend the height of smaller traffic furniture. With its height of 1 m 80 (5'11") and striking yellow colour, the RACE PILLAR® ensures that riders notice bollards, traffic signs etc. more quickly. The arrows also indicate the direction of the race.

Thanks to its adapted design, you can easily place the RACE PILLAR® in front of an obstacle and then secure it with cable ties.



 4,8 kg  Installation guide available



SPECIFICATIONS

- » Made entirely of impact-absorbing polymer
- » In yellow for optimal visibility from a large distance
- » Height of 180 cm (5'11") with adapted shape
- » Rounded shape with no sharp corners
- » Sign showing on what side the riders have to pass the obstacle
- » Easy and quick to install with cable ties
- » Durable and weatherproof
- » 100% recyclable



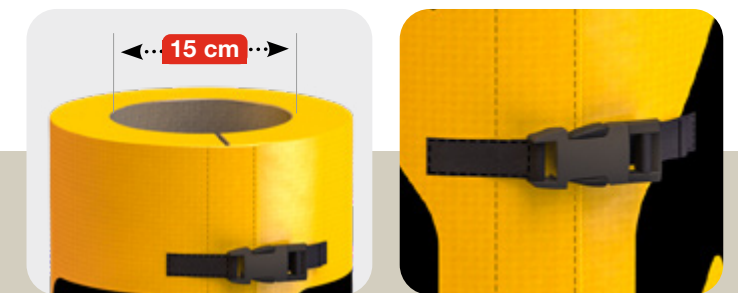
BOPLAN® RACE PAD

The **BOPLAN® RACE PAD** with its 5 cm thick impact-absorbing foam layer is the perfect solution for shielding high obstacles along the course such as trees, lighting poles and posts with traffic signs.

With a height of 180 cm and a striking yellow color, the RACE PAD guarantees optimum visibility. Installation is easy and quick with click buckles for a tight fit. The PVC covering is water- and UV-resistant, hard-wearing and easy to clean.



 3,2 kg  Installation guide available



SPECIFICATIONS

- » 5 cm (2") impact absorbing foam layer
- » Highly visible due to the contrasting colour and 180 cm (5'11") height
- » Fasten with buckles for a tight fit
- » Easy to attach and remove
- » Water and UV resistant
- » Easy to clean

BOPLAN®

RACE BARRIER

Tour de Pologne
2024





BOPLAN.COM

For more information about our products,
services and worldwide dealer network

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