



**READY
FOR
IMPACT**



FLIP RANGE

GROUND LEVEL PROTECTION



FLIP RANGE

THE STANDARD FOR GROUND LEVEL PROTECTION

Our Flip Series kick rails offer complete ground level protection and are available in a range of strengths and designs to suit your needs. The innovative and robust I-shaped rail absorbs impacts from 3 kJ (FLIP 120) up to 17 kJ (FLIP 200F). The Flip Series kick rails are easy to install and can be combined with other Boplan traffic barrier systems for maximum safety.



FLIP 120
»» 3 kJ



FLIP 180
»» 5 kJ



FLIP 200F
»» 17 kJ

AVAILABLE IN DIFFERENT LENGTHS

FLIP 120 / 180 / 200F



ICE FLEX – FLIP 200F



500 mm

1000 mm

2000 mm

3000 mm

COMBINE FLIP 200F WITH TB 400

»» **NEW**



Base spacers to elevate the TB 400 products
Available sizes: 180 x 180 mm, 275 x 275 mm, 220 x 300 mm, 320 x 275 mm

750 mm

1150 mm

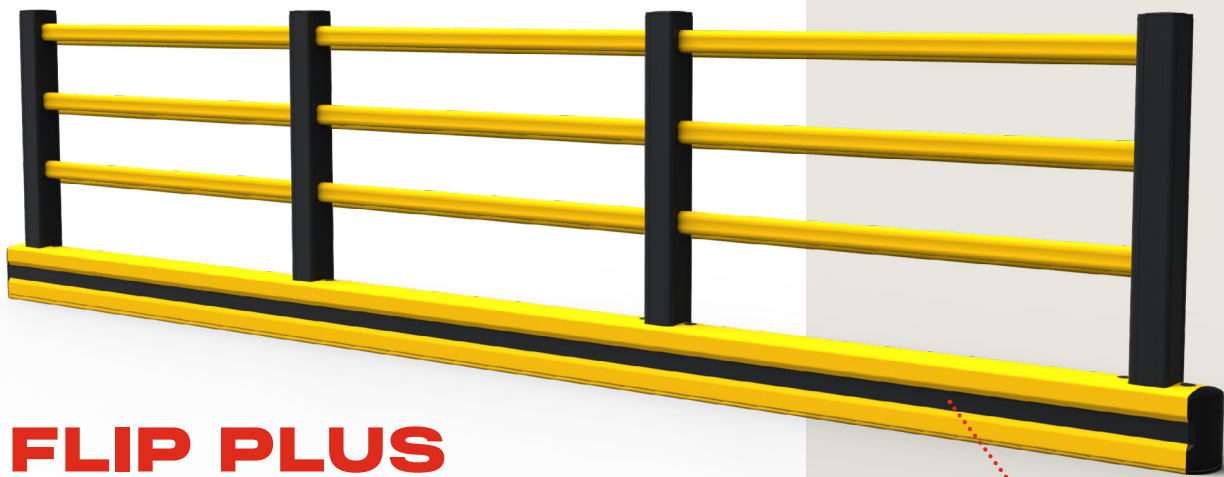
1550 mm



950 mm

1350 mm

1750 mm



FLIP PLUS

GROUND LEVEL PROTECTION FOR PEDESTRIANS

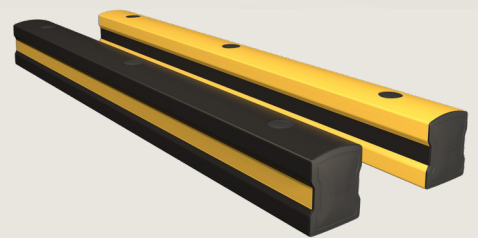
AVAILABLE WITH



The FLIP PLUS is the most effective solution when it comes to protecting pedestrians from ground level impacts of up to 15.200 Joules. People are safely segregated from dangerous areas thanks to the ergonomic handrails.

FLIP PLUS comes with the ingenious BOPLAN CID® system as an option, allowing a quick visual inspection after a heavy impact.

Bi-color for optimal visibility



ALSO AVAILABLE IN BLACK



FLIP MODULAR

120M >>> 2,6 kJ

MODULAR GROUND LEVEL PROTECTION AGAINST LIGHT IMPACTS

AVAILABLE WITH
CID 

The FLIP 120M is especially made to follow corners and shapes to offer seamless protection of your walls and infrastructure. The Flip 120M can withstand impacts of up to 2.600 Joules, ideal for light trolleys and pallet trucks. The optional CID® system ensures signalization of any critical impacts that might require a technical inspection.

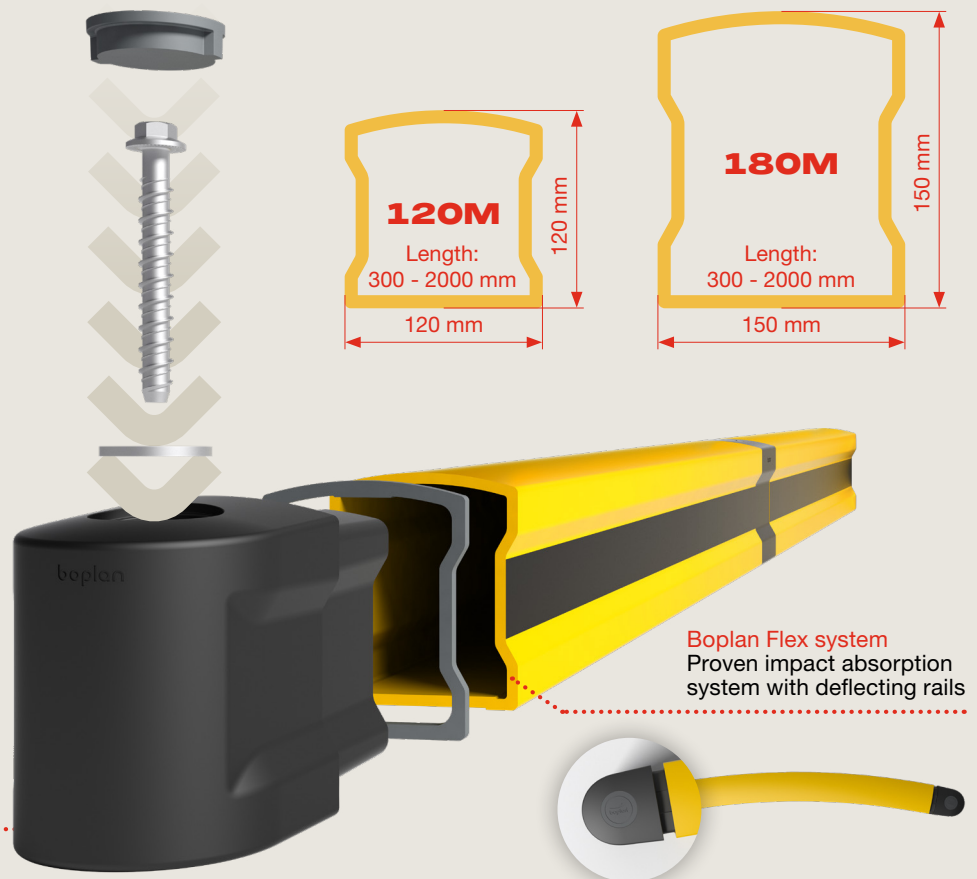
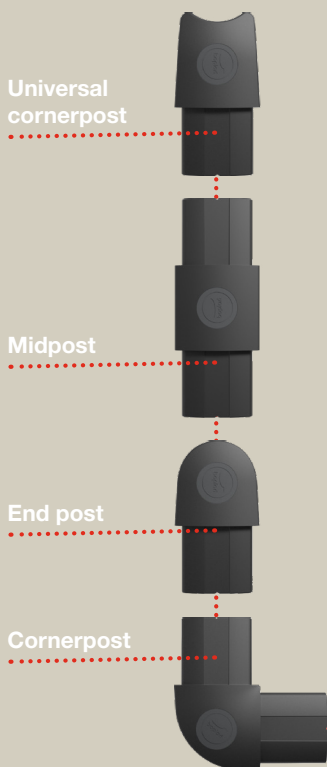
180M >>> 3,5 kJ

MODULAR GROUND LEVEL PROTECTION

AVAILABLE WITH
CID    **ICEFLEX**® Also available for use in freezing temperatures down to -30°C

The FLIP 180M kickrail offers ground level protection up to ankle height and covers all angles thanks to its flexible and modular design with connection pieces. The robust I-shaped rail and thick-walled connection pieces absorb impacts up to 3.500 Joules on both rails and posts. The FLIP 180M can be equipped with the CID® system as an option and exists in ICE FLEX® version for ambient temperatures down to -30° C !

IMPACT RESISTANT CONNECTION PIECES



APPLICATIONS / TYPICAL ENVIRONMENTS

- Protection against ground level impacts
- Protection of sensitive walls (refrigerator walls / decorative walls / sandwich panels)
- Protection of machines and infrastructure
- Cost-efficient rack end
- Wheelguide for pallet trucks or trolleys in busy traffic lanes
- Food approved (compliant to food contact regulation)
- CID® system as option (FLIP PLUS & FLIP M)
- Quick & easy installation
- Can be combined with other BOPLAN® traffic barrier systems



CRITICAL IMPACT DETECTOR

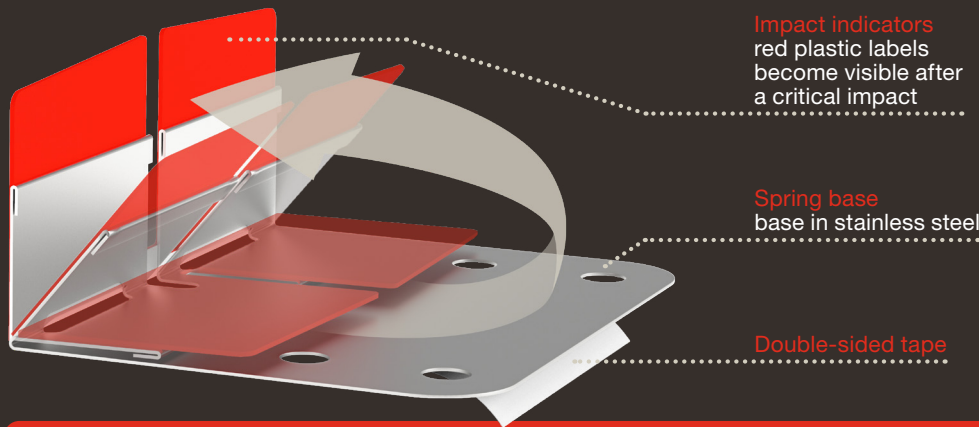
EASILY IDENTIFY WHERE A HEAVY IMPACT OCCURRED AND A TECHNICAL INSPECTION OF YOUR SAFETY EQUIPMENT IS NEEDED

Whereas in many cases the safety system looks undamaged to the outside, the impact could have caused a serious problem to its functional integrity which – without CID® - can only be established after a technical inspection.

The little red CID® flag only shows up after such critical impacts, providing an instant visual warning of possible risk areas where the safety could be compromised.

Moreover with CID® you can easily identify which areas in the workplace are particularly prone to heavy impacts and where additional protective and preventative measures are required.

This optimization of safety may include a re-evaluation of the traffic plan, an adaptation of the workplace layout, additional signage and communication, increased awareness and accountability of your forklift drivers, the installation of heavier safety solutions, etc.



Impact indicators
red plastic labels
become visible after
a critical impact

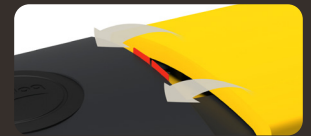
Spring base
base in stainless steel

Double-sided tape

BEFORE IMPACT



DURING IMPACT



AFTER IMPACT



WITH BOPLAN'S PATENTED CID® SYSTEM YOU GET INSTANT INSIGHT WHICH PARTS OF THE SAFETY PRODUCT HAVE BEEN HIT BY A HEAVY IMPACT.



THE REFERENCE IN SUSTAINABLE IMPACT ABSORPTION

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 already recycle 89% of our post-industrial waste.

MAINTAIN

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

REPAIR

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

REUSE

Our products can be used again and again because they can be easily disassembled and reassembled. The modular design also allows for modifications (e.g., change in length) to maximize reuse opportunities.

TAKE-BACK

In anticipation of our standardized take-back program, we gladly evaluate take-back options on request.

RECYCLE

Our products can be disassembled without special equipment, and up to 95% of the product weight can be reused in existing recycling programs.



CIRCULAR ECONOMY

For more information



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