Boplan Flexible Barriers

Boplan's Flexible Barrier system protects people, equipment, and infrastructure in dynamic, high-traffic environments. Engineered for impact resistance and high visibility, these modular barriers shield buildings, assets, and personnel from collisions involving forklifts, vehicles, and machinery in industrial settings.

VIEW ONLINE

Impact Resistance

Made from Extrilene®, a high-performance polymer that absorbs heavy impacts (up to 50 kJ). Deformation disappears once the force is gone.

Easy Install

Minimal components and modular design allow for a fast, hassle-free setup. Ideal for adapting to evolving layouts.

Fully Modular

Available in multiple sizes, configurations, and colours. Expandable and flexible to suit changing workplace needs.

Versatile

Suitable for warehouses, distribution centres, logistics, food processing, parking structures, chemical plants, aviation, and material handling across various industrial sectors.

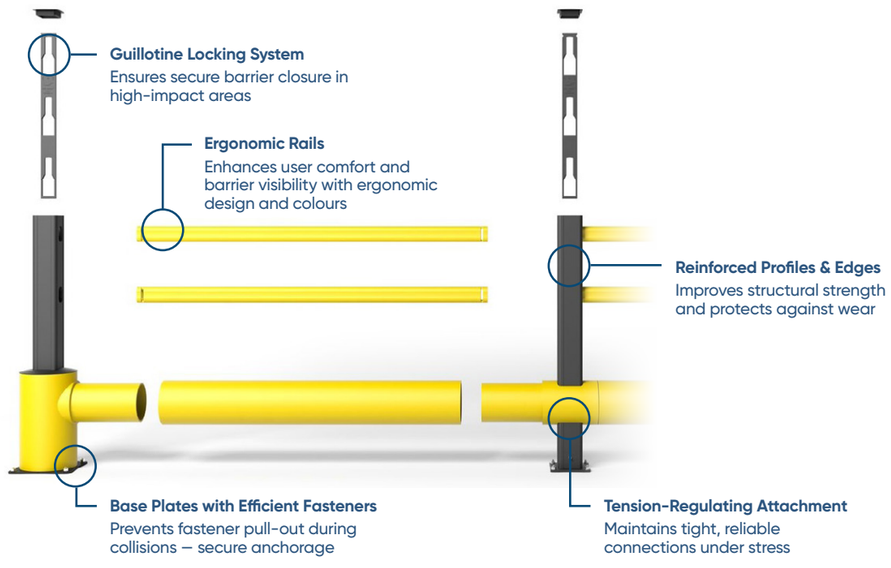
Resists Chemicals

The polymer construction resists corrosion and most chemicals, withstands weather and UV, and is easy to sanitise for hygienic settings.

Low Maintenance

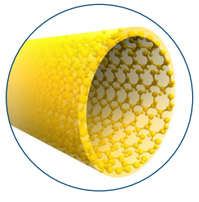
Durable design backed by rigorous testing means minimal upkeep, reduced downtime, and lower long-term cost of ownership.

The Boplan Barrier System



Tested to Global Standards for Proven Safety Performance

Boplan barriers are impact tested in compliance with UNI 11886 and PAS 13 – both globally recognised testing standard for impact barriers. Where applicable, they are also certified by TÜV Nord, giving you confidence in the real-world performance of this barrier system.



Extrilene® for Unmatched Impact Resistance

Extrilene offers outstanding impact resistance, absorbing heavy collisions without cracking. Its single-layer polymer construction prevents delamination – unlike multi-layered systems – ensuring consistent structural integrity and higher resistance to fading in demanding environments in demanding environments.

Ice Flex® for Sub-Zero Safety

The Ice Flex range range is engineered for sub-zero environments, performing reliably in temperatures down to –30 °C. Made from a modified Extrilene formulation, it ensures consistent impact resistance and structural integrity in cold storage and freezer applications.

Look for this symbol to see which options are available in Ice Flex

ICE FLEX AVAILABLE

Tested and Approved

Years of Research and Development

The unique composition of Extrilene is the result of years of advanced research, development and rigorous testing. The energy from an impact is directed through the material with maxiumum efficiency. Combined with Boplan's unique slide-over tube system, this results in collision protection solutions with the highest impact resistance values on the market .

Highly Sustainable

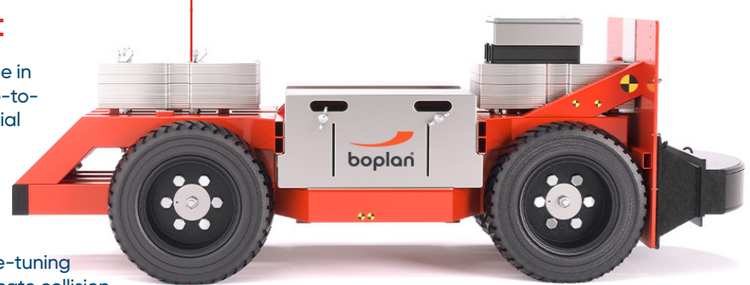
Unlike single-use polymers, Extrilene is extremely sustainable, because it is fully recyclable. Recycled materials limit the use of virgin raw materials and reduce the carbon footprint. Boplan recycle 89% of their industrial waste. This results in an annual reduction of 344 tonnes of carbon dioxide compared to using raw materials.

Indoor Test Lab

Boplan's indoor test lab is a testament to their commitment to excellence. The controlled environment allows them to create repeatable conditions, ensuring precise and accurate results. They replicate real-life scenarios, from different floor conditions to impact angles.

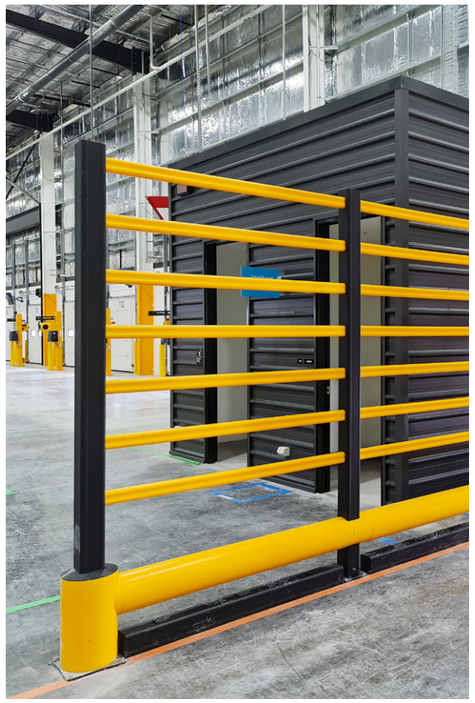
Meet The Beast

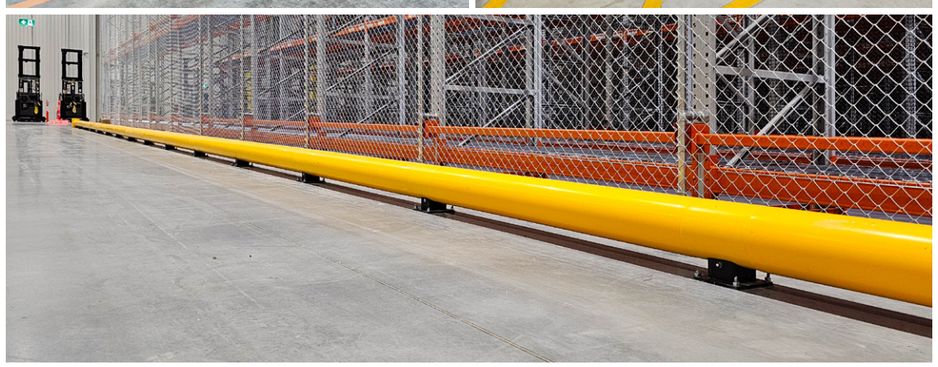
The Beast plays a crucial role in Boplan testing. This is a true-to-life representation of industrial vehicles. The beast has a variable mass ranging from 1300kg to 4300kg, which can be adjusted to the exact weight specifications of trucks and forklifts. By fine-tuning the speed settings, we replicate collision scenarios at speeds ranging from 2km/h to 16km/h. In this way, we simulate real-world conditions.



Watch the Beast in Action

Boplan Solutions



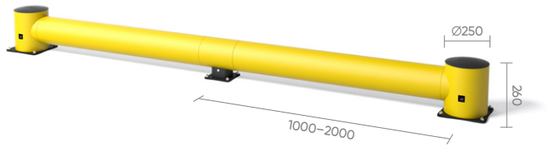


Boplan Asset Protection

2 YR WARRANTY

TB 260

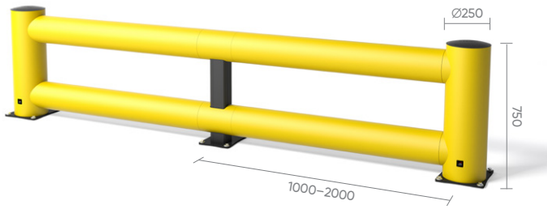
21.20 kJ



- Ideal for protecting walls and assets from low level impacts e.g. where pallet trolleys and forklifts are pushing pallets on the floor.

TB 260 Double

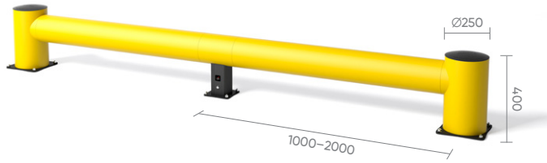
46.50 kJ



- General protection from forklifts, with the lower rail providing best protection from forklifts carrying pallets.

TB 400

20.10 kJ

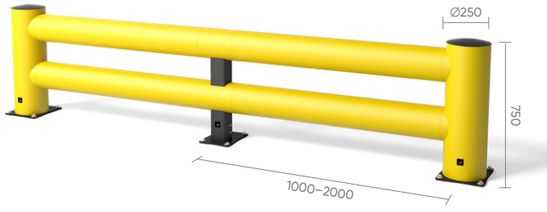


- Protect assets from forklift impacts.

ICE FLEX AVAILABLE

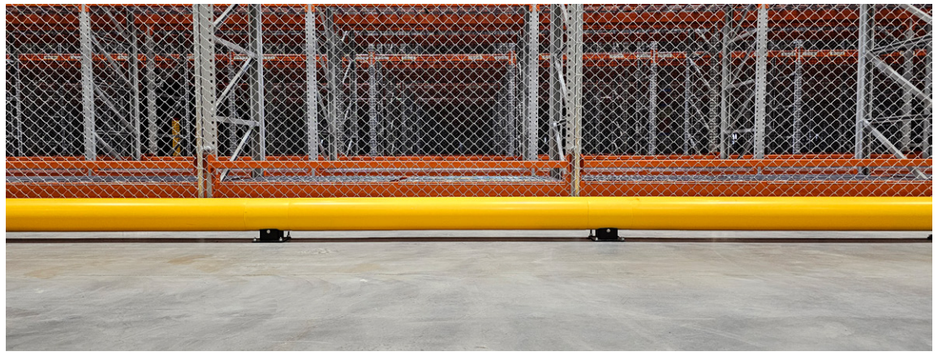
TB 400 Double

39.10 kJ



- Protect buildings and machinery from larger vehicles where very low-level protection is not required.

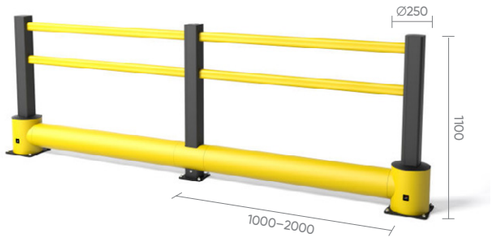
Boplan Asset Protection Solutions



Boplan Walkway Protection

2 YR WARRANTY

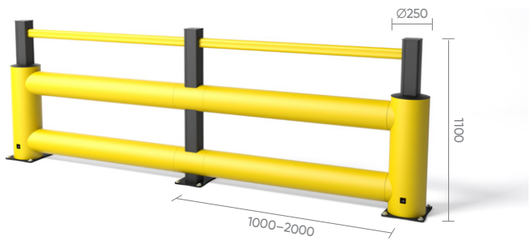
TB 260 Plus



21.20 kJ

- Protect pedestrians walkways in areas where smaller forklifts are always carrying pallets closer to the ground.

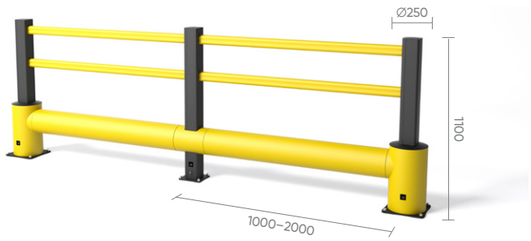
TB 260 Double Plus



46.50 kJ

- Protect pedestrian walkways where larger forklifts are in operation and there is a risk of forks or pallets encroaching onto the walkway.

TB 400 Plus

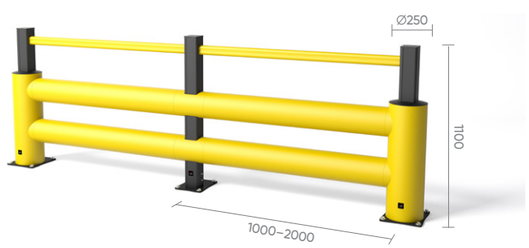


21.10 kJ

- Our most popular barrier option to protect pedestrian walkways.

ICE FLEX AVAILABLE

TB 400 Double Plus



39.10 kJ

- Protect pedestrian walkways large forklifts and trucks.

ICE FLEX AVAILABLE

Boplan Walkway Solutions

Boplan Topple Protection

2 YR WARRANTY

TB 260 Grill

21.20 kJ

- Protect pedestrian walkways where product is being stacked adjacent and fork tines and pallets could encroach under the barrier.

TB 400 Grill

21.10 kJ

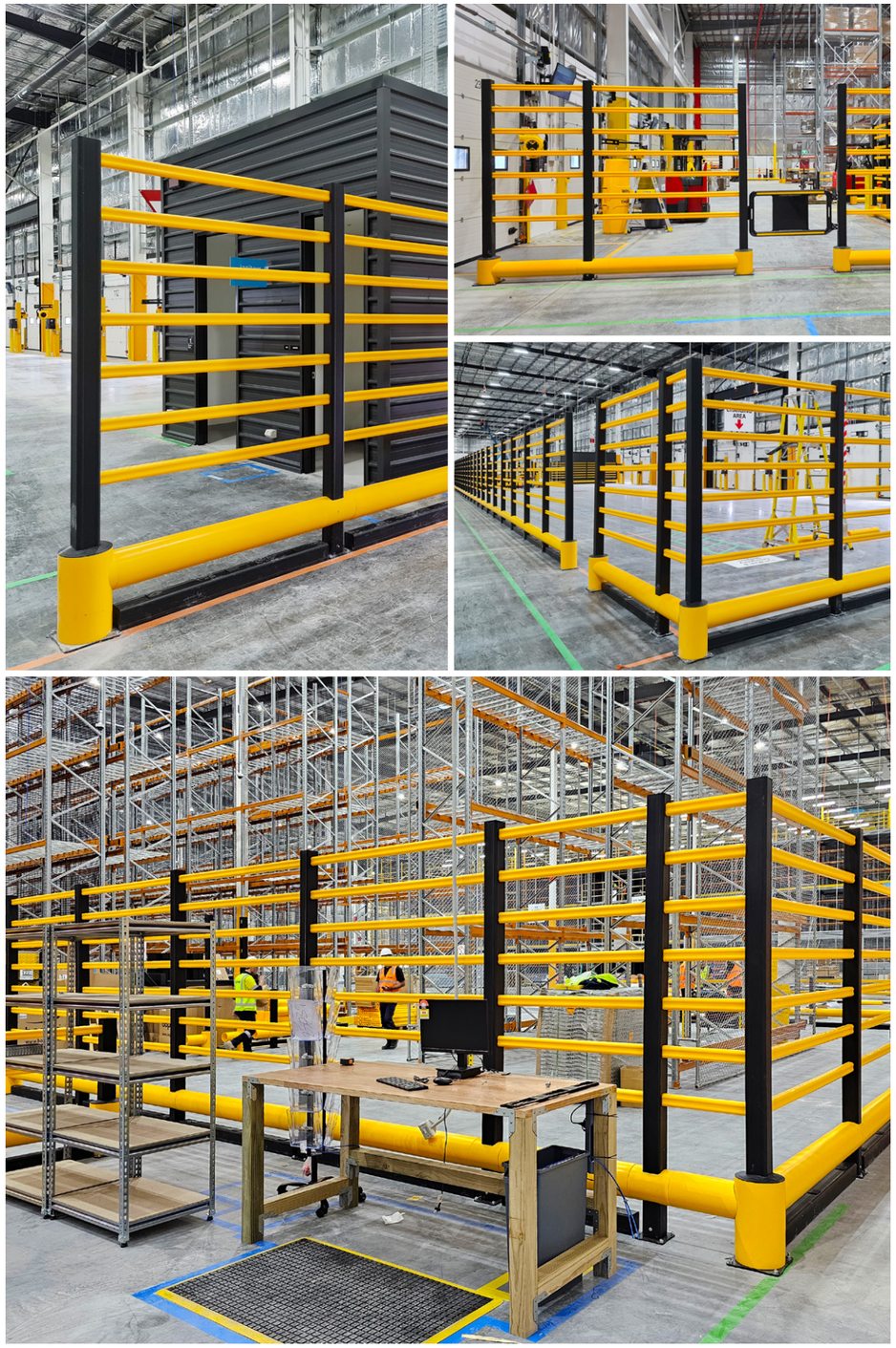
- Our most popular barrier to protect pedestrians from forklifts and product stacked beside walkways.

TB 400 Double Grill

39.10 kJ

- Protect pedestrian walkways where large forklifts and trucks are in operation and product is stacked beside the walkway.

Boplan Topple Solutions

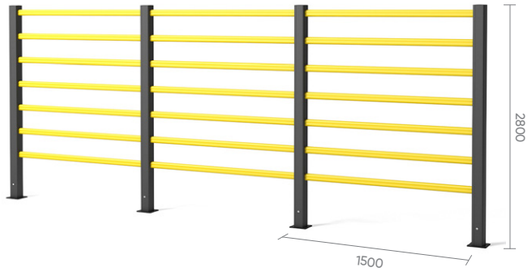


Boplan Light Topple Protection

2 YR WARRANTY

HP Grill

5.50 kJ

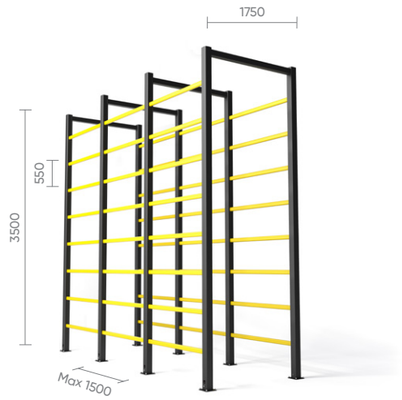


- Protect pedestrian walkways where light product is being stacked up to 2.8m high and forklifts are not in use.

HT Tunnel Wall Fix

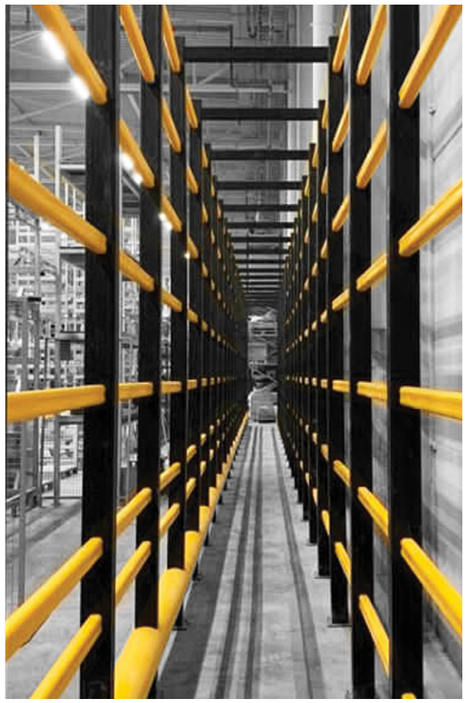
- Provides protection for pedestrian walkways where light product is being stacked adjacent and up to 3.5m high.

HT Tunnel Free-Standing



- Protect pedestrian walkways where light product is being stacked adjacent and up to 3.5m high, and mounting to a wall is not possible.

Boplan Light Topple Protection Solutions



Boplan Pedestrian Handrails

2 YR WARRANTY

HP Plus (3 Rails)

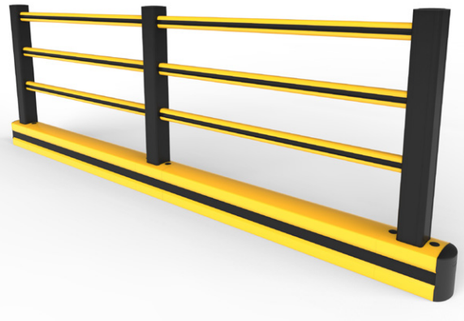
5.50 kJ

- Delineate pedestrain walkways with flexible handrail. Not suitable for high speed or larger impacts.

ICE FLEX AVAILABLE

Flip200F Plus

15.2 kJ

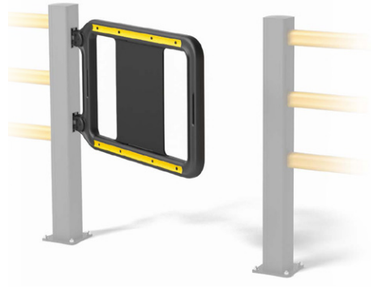


- Delineate pedestrian walkways where pallet trolleys are placing product adjacent to walkways – the low-level protection prevents pallets encroaching onto walkways.

Boplan Pedestrian Gates

2 YR WARRANTY

SG Swing Gate



- Our most popular gate that integrates seamlessly with Boplan handrails and safety barriers. Available in 800mm, 1000mm (most popular) and 1250mm widths.

SG Sliding Gate

- Ideal for allowing infrequent access to areas, and where you don't have room to swing gates.