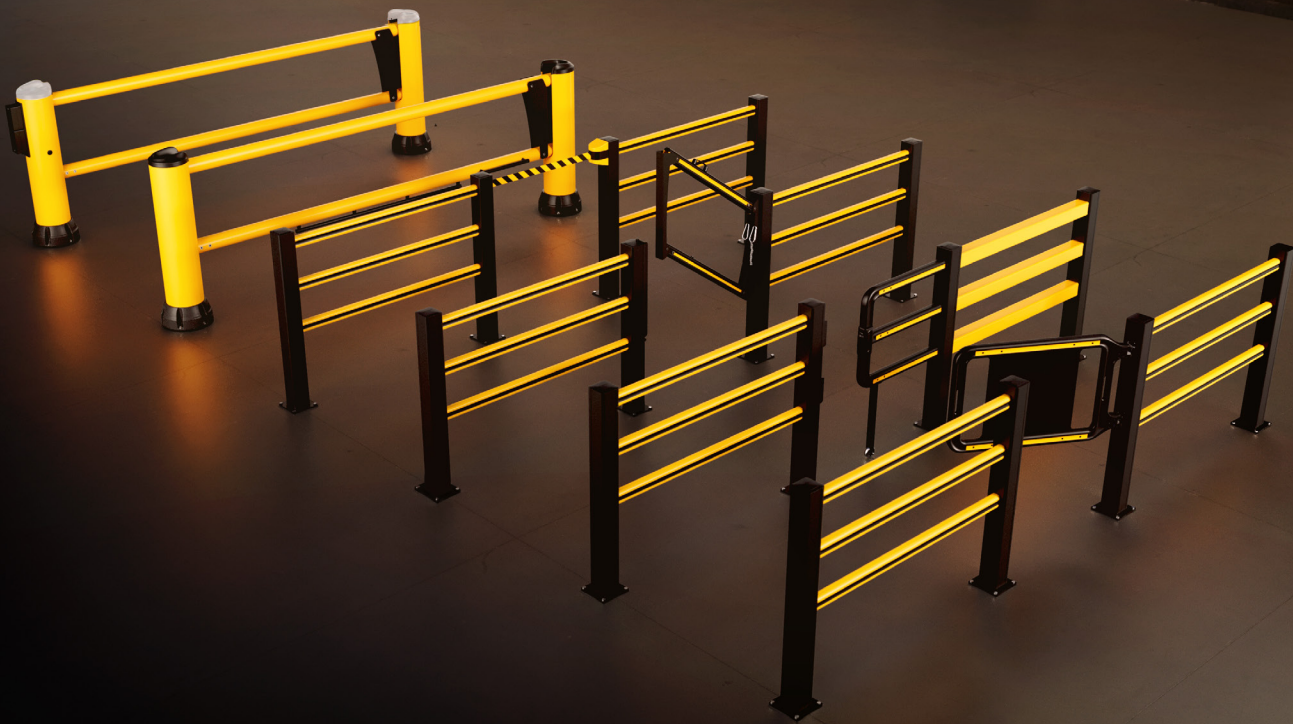




**READY  
FOR  
IMPACT**



# **SAFETY GATES**

**RESTRICTING ACCESS  
TO HAZARDOUS AREAS**



# SG SWING GATE



## SWING GATE

The FLEX IMPACT® **SG SWING GATE** is a bidirectional safety gate. Gates and entrances to corridors and machine rooms are often left open. The SG SWING GATE puts an end to this issue. This safety gate closes automatically, keeping access restricted at all times. The sturdy door is ergonomically designed and includes a sign.

### LARGE SIGN BOARD

Warns employees and visitors about hazards

### GATE STOP

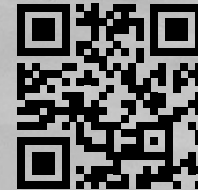
Prevents the gate from swinging in a certain direction

### LOCK BLOCK

Prevents the gate from remaining locked open

### WHEEL SUPPORT

Standard for gates over 59 in wide



Combination of a **SWING GATE** with a **TB 260 PLUS** at the **JCL Logistics warehouse (Netherlands)**.

Read the full case online

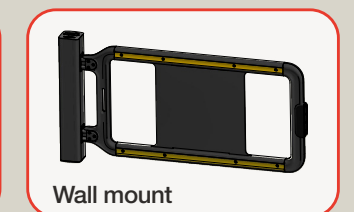
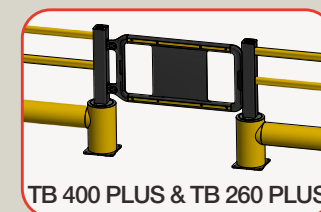
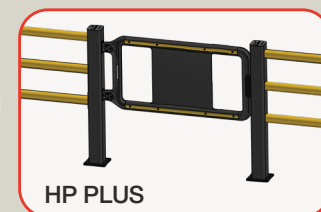
## KEY FEATURES AND FUNCTIONS

- Sturdy, impact-resistant safety gate with swinging open action
- Close off aisles in areas with inbound and outbound goods
- Clear marking of pedestrian area boundaries: warning function
- Saline and corrosive environments (food industry, coastal areas, etc.)
- Restrict access routes to machine rooms
- Suitable for outdoor use (optional SS 304 stainless steel components)
- Durable and built for heavy use
- Ergonomic design
- Compatible with safety barriers, handrails, and bollards
- Large sign board
- Lock block and stop
- Wheel support for gates over 59 in wide



## 4 POSSIBLE COMBINATIONS

The **SG SWING GATE** pairs seamlessly with FLEX IMPACT® safety barriers and handrails. Together, these safety elements ensure smooth and safe movement between different areas in your work environment.

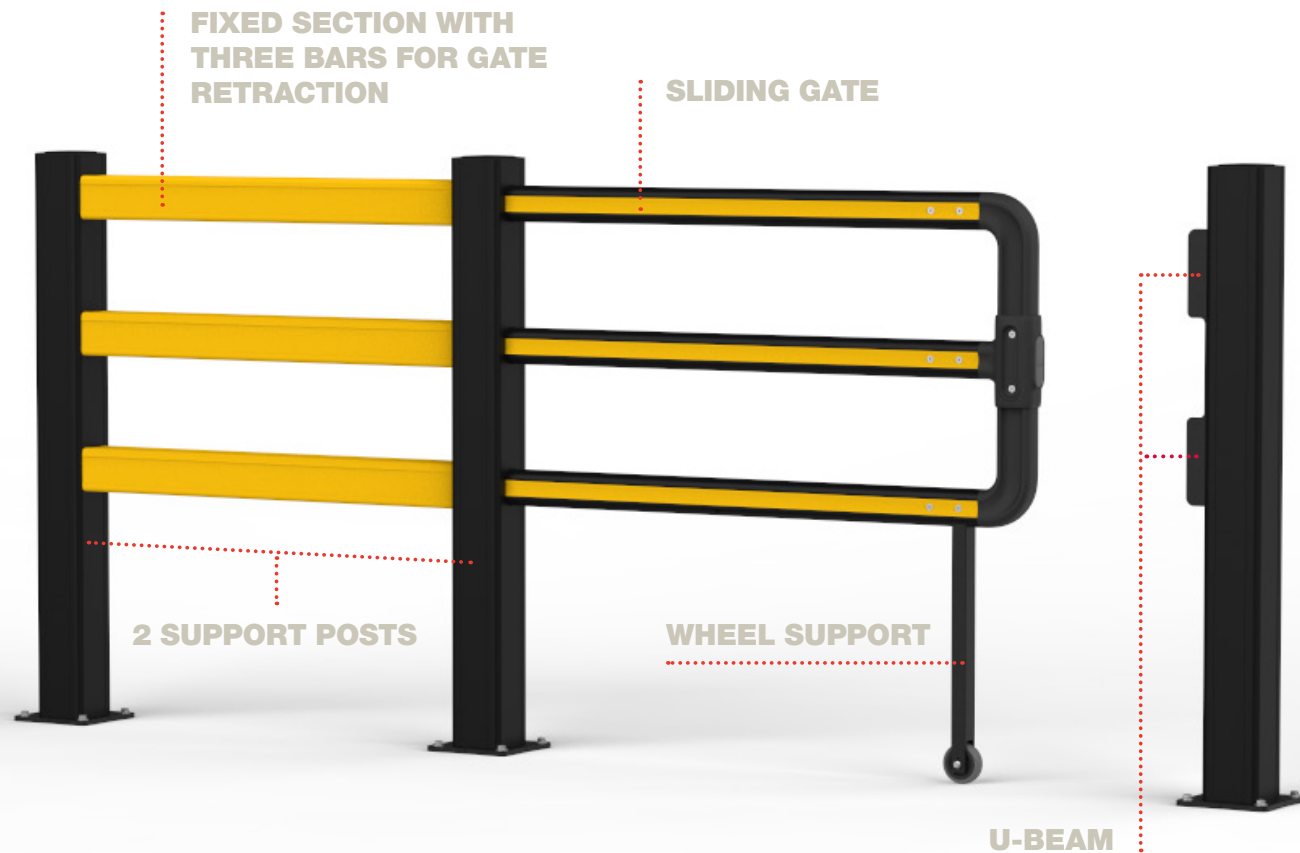


# SG SLIDING GATE



## SAFETY GATE THAT OPENS AND CLOSES BY SLIDING

The FLEX IMPACT® **SG SLIDING GATE** is a sliding safety gate. The gate can slide either to the left or right. When the gate opens, it rolls along the floor on a sturdy wheel, with its rails sliding into the adjoining guardrail profiles. This safety gate is easy to install.



### KEY FEATURES AND FUNCTIONS

- Sliding safety gate
- Restrict access routes to machine rooms
- Close off aisles in areas with inbound and outbound goods
- Durable and built for heavy use
- Close off aisles in areas with incoming and outgoing goods
- Ergonomic design
- Saline and corrosive environments (food industry, coastal areas, etc.)
- Compatible with safety barriers and handrails

### COMPATIBLE WITH SAFETY BARRIERS AND HANDRAILS

The SLIDING GATE is part of the impact-resistant and stylish FLEX IMPACT® series. A sliding safety gate is ideal for spaces with limited room to maneuver. The SLIDING GATE also pairs well with our safety barriers and handrails. Together, these safety products ensure people's safe circulation.



# SG DROP GATE



## SAFETY DROP GATE THAT OPENS UPWARD

The FLEX IMPACT® **SG DROP GATE** is a safety gate that restricts access when there isn't enough room for a traditional swing gate. This gate opens upward. Like other safety gates in this series, the SG DROP GATE is a practical solution to block off walkways and areas.

CONVENIENT HANDLE

SUPPORT

STURDY HINGE

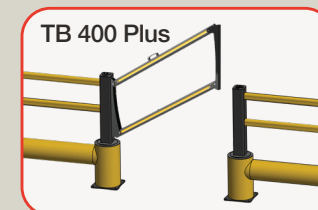
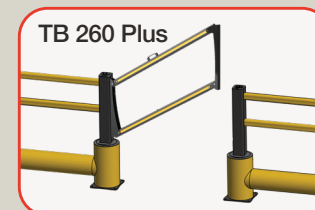


### KEY FEATURES AND FUNCTIONS

- Safety drop gate that opens upward
- Close off aisles where a swing gate won't fit
- Saline and corrosive environments (food industry, coastal areas, etc.)
- Restrict access routes to machine rooms
- Durable and built for heavy use
- Ergonomic design
- Compatible with safety barriers and handrails
- For openings up to 59 inches

## 4 COMBINATIONS

The vertically opening **DROP GATE** is perfect when space is limited but there's ample height. This gate type modularly integrates with other safety solutions in the FLEX IMPACT® range. Together, these safety elements ensure smooth and safe movement between different areas in your facility.

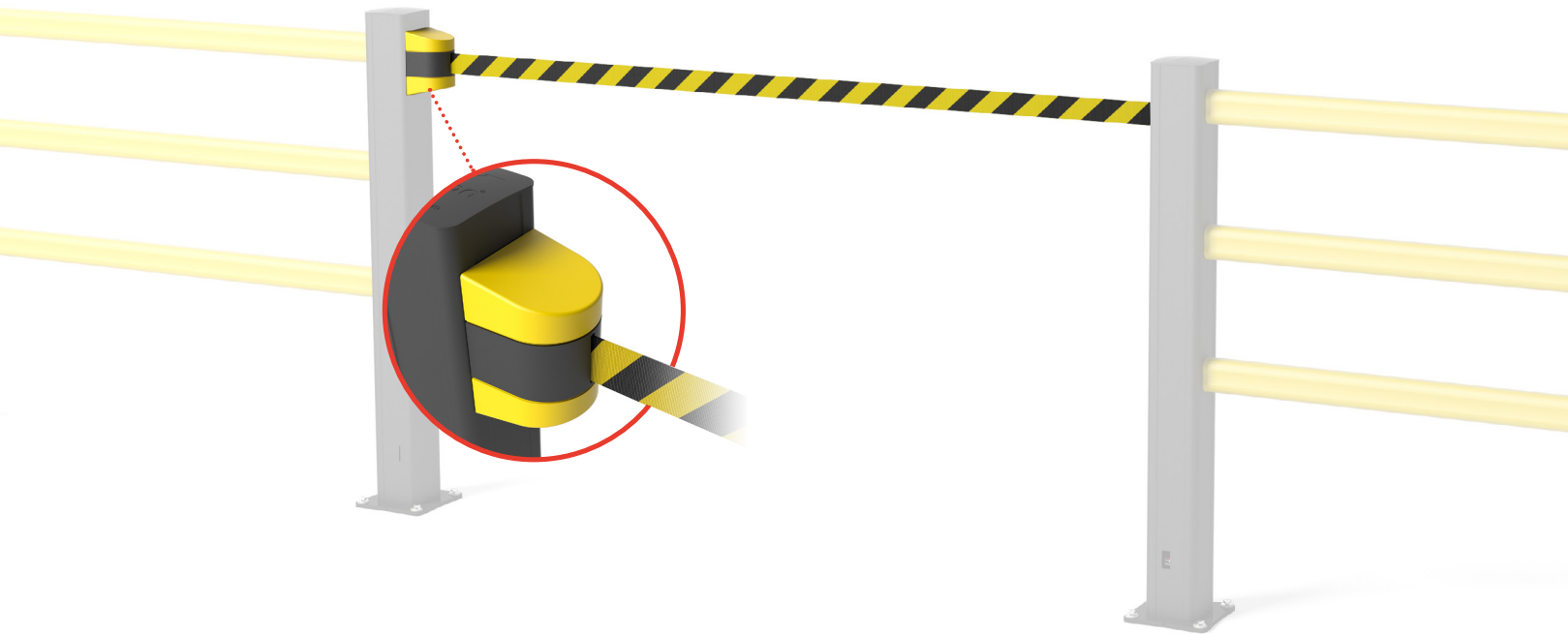


# BB BELT BARRIER



## QUICKLY CLOSE OFF CRITICAL AREAS

The FLEX IMPACT® **BELT BARRIER** lets you quickly cordon off a doorway, gate, or loading bay. This prevents pedestrians from walking into the path of moving vehicles, stepping into uncovered openings, or entering areas under maintenance.



## VISUAL BARRIER

Wherever there is a hazard risk, the **BELT BARRIER** can be easily mounted on poles or walls. When these areas are safe to access, the belt can be left open. If necessary, the belt can be quickly closed to prevent pedestrians from entering the area. Its yellow color ensures excellent visibility, which further increases safety.

### KEY FEATURES AND FUNCTIONS

- Visual barrier
- Quick and temporary area closure
- Highly visible with yellow/black stripes
- Durable and built for heavy use
- Automatic retractable mechanism
- For openings up to 0.4 inches
- Easily mounts between walls or to a Boplan polymer post

# JOULES

## MAKE IMPACT TANGIBLE



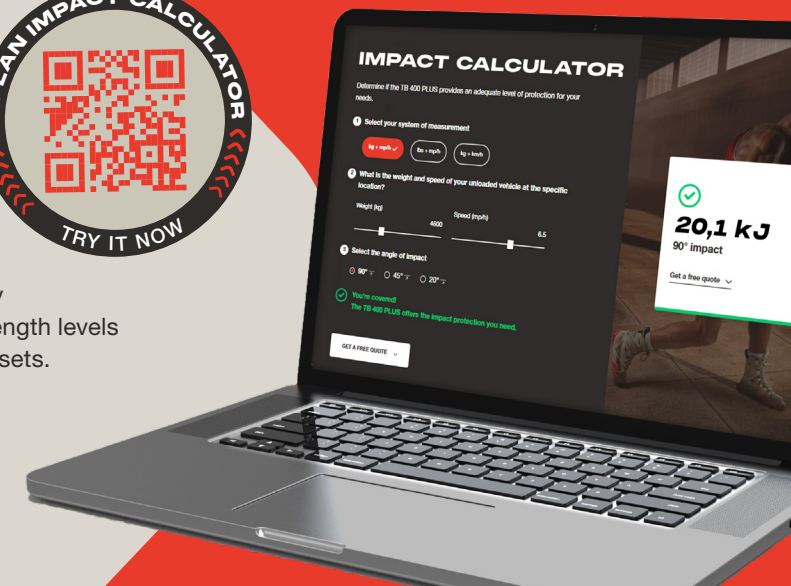
The joule is a fundamental unit of physics and offers a perfect way to quantify energy in everyday life. That's why we use this unit to express the impact resistance of our FLEX IMPACT® safety products.

Simply put, joules are the energy units used to measure the amount of work or energy required to do something. It tells you how much energy is used, transferred or converted in a given situation.

## BOPLAN IMPACT CALCULATOR

With the Boplan Impact Calculator, you can accurately calculate the required impact resistance for your safety solutions. This powerful tool is easy to use and helps you make informed decisions with just a few clicks.

Enter specific parameters related to your workspace to instantly receive recommendations on the most suitable models and strength levels of safety products to prevent accidents and protect valuable assets.



# DOCK GATE



FALL PROTECTION SYSTEM  
AND IMPACT-RESISTANT  
BARRIER ARM FOR LOADING ZONES

The FLEX IMPACT® DOCK GATE is a safety gate with double bars, providing fall protection at loading docks or serving as an impact-resistant barrier arm to close off access to specific areas.

The safety gate includes an assist mechanism with ergonomic handles on the side and underneath, ensuring smooth and easy operation. Additionally, a motorized version is available.

## PROTECTION AGAINST IMPACTS UP TO 16 kJ

THE FIRST AND ONLY SAFETY GATE WORLDWIDE TESTED  
FOR BOTH BARS AND POSTS ACCORDING  
TO THE UNI TS 11886 STANDARD.

With its tube-in-tube structure and strong base plates, the gate offers protection against impacts up to 16 kJ to both bars and posts.

Its compact design ensures no valuable space is wasted. The DOCK GATE includes removable bars for easy assembly. Installation is also quick, as each DOCK GATE consists of three pre-assembled elements.



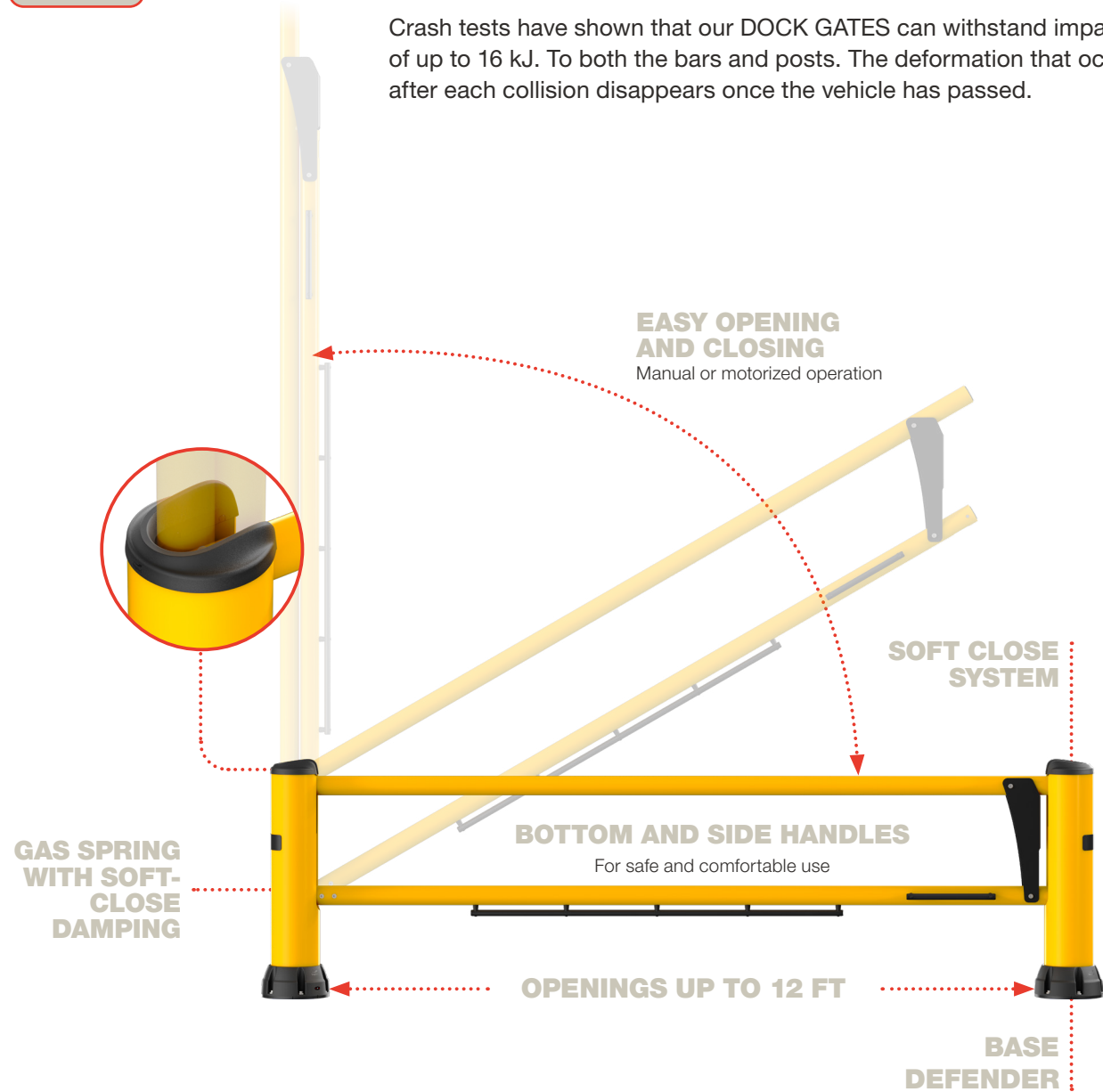
**FLEX IMPACT® SAFETY GATES**



Our DOCK GATES are made from EXTRILENE®, a high-quality polymer material. This material is ideal for absorbing heavy impacts.

**EXTRILENE®**

Crash tests have shown that our DOCK GATES can withstand impacts of up to 16 kJ. To both the bars and posts. The deformation that occurs after each collision disappears once the vehicle has passed.



**KEY FEATURES AND BENEFITS**



**EASY INSTALLATION THANKS TO MODULAR DESIGN**

Our DOCK GATE is constructed with minimal components. In addition, all parts are neatly concealed within the posts. With its compact design, the gate takes up minimal space. For easy assembly and transport, the DOCK GATE includes removable bars.



**RESISTANT TO CHEMICALS AND UV RAYS**

Our DOCK GATES resist chemicals and UV rays. They are ideal for environments where chemicals are frequently used or where strict hygiene standards apply. Bacteria do not adhere to the polymer, making it easy to clean.



**OPTIMAL VISIBILITY**

The standard color for these safety gates is yellow. Yellow attracts attention and increases safety awareness.



**LOW MAINTENANCE**

A FLEX IMPACT® DOCK GATE requires minimal maintenance. With proper use, our systems have an exceptionally long lifespan.



✓ PATENTED

**A REVOLUTIONARY BASE PLATE**

An optimized base plate increases impact resistance. The Base Defender protects the screws anchoring the round base plate to the floor. This durable elastomer cover makes it physically impossible to drive over the base plate and damage the screws. The Base Defender is wider than the bollard. This creates a free space and prevents fingers from crushing.

**STRONGER THAN EVER**

The DOCK GATE includes Extrilene® tubes of varying lengths, bolted to the base plate. The different tubes provide optimal impact absorption through deformation and friction.

**TYPICAL ENVIRONMENTS**

Fall protection system and impact-resistant barrier arm for loading zones in:

- Distribution centers
- Transport & logistics centers
- Warehouses and storage facilities
- Logistics, supply chain and material handling



**DOCK GATE at the entrance to Aliaxis warehouse (Netherlands). Forklifts drop pallets in front of the barrier arm. Hand pallet trucks collect goods from that point.**



Read the full case online



FLEX IMPACT® SAFETY GATES

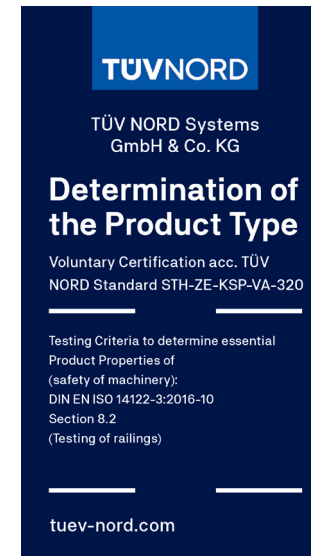
## MANUAL DOCK GATE



**DG250R**  
10.2 kJ TO THE BARS AND POSTS

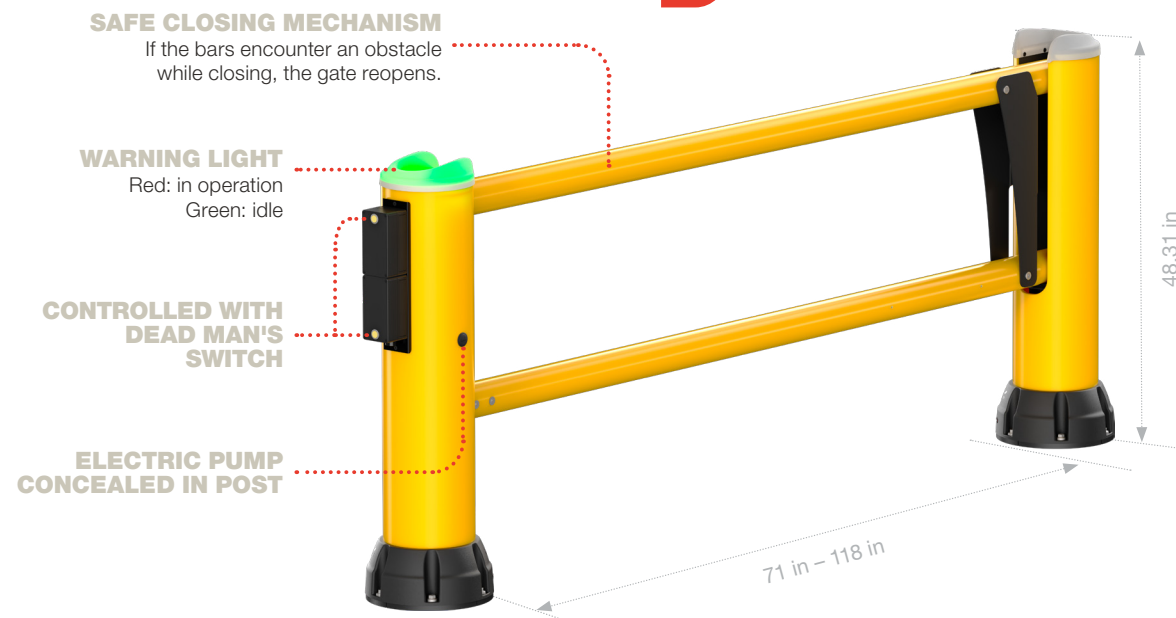
FLEX IMPACT® SAFETY GATES

## MANUAL DOCK GATE THE STRONGEST POLYMER GATE IN THE WORLD



**DG250F**  
16 kJ TO THE BARS AND POSTS

## MOTORIZED DOCK GATE



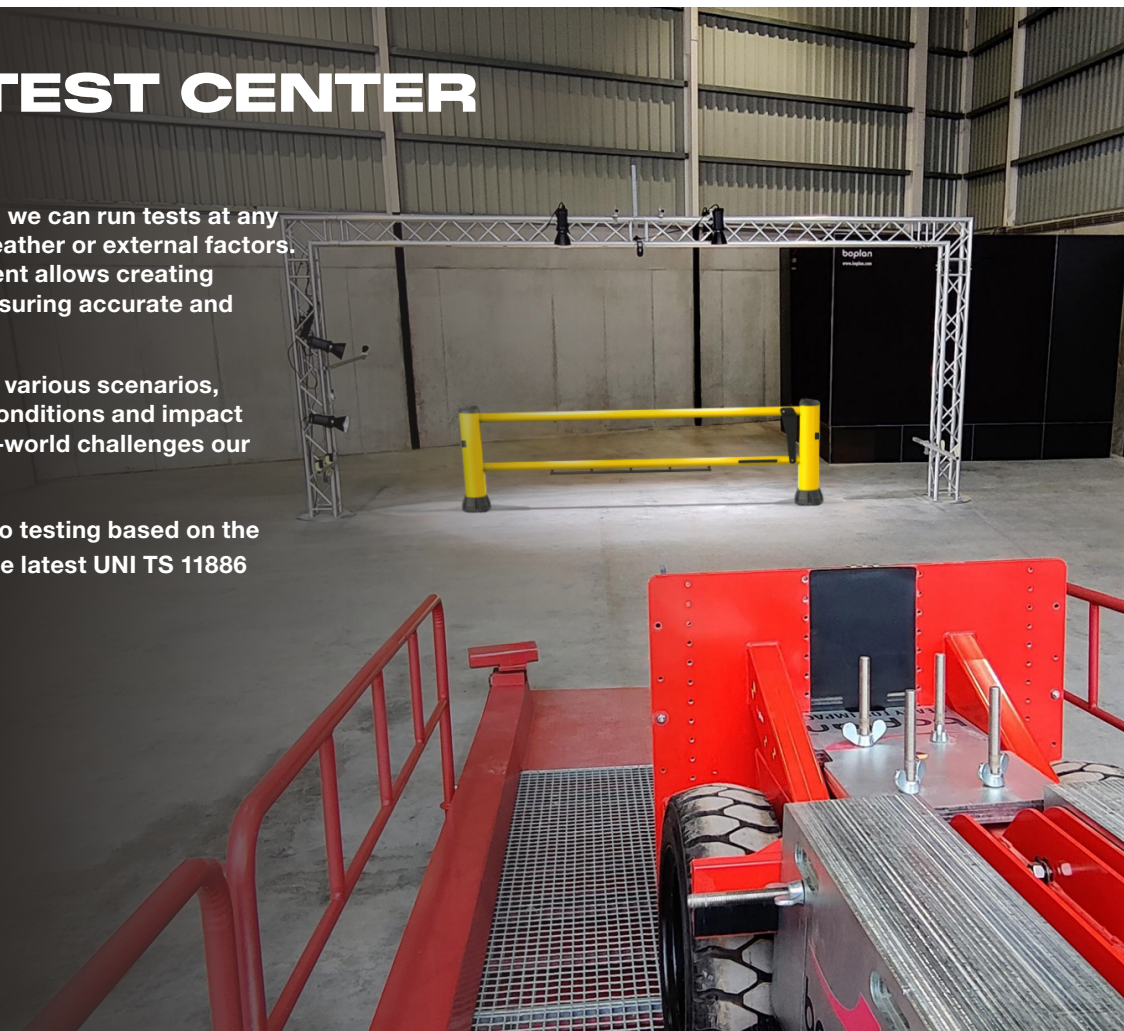
**DG250R AE**  
10.2 kJ TO THE BARS AND POSTS

## BOPLAN TEST CENTER

At our indoor test center, we can run tests at any time, regardless of the weather or external factors. This controlled environment allows creating repeatable conditions, ensuring accurate and precise results.

We meticulously simulate various scenarios, including different floor conditions and impact angles, mirroring the real-world challenges our DOCK GATES encounter.

The DOCK GATES undergo testing based on the PAS13 test method and the latest UNI TS 11886 impact standard.





### **BOPLAN HEADQUARTERS**

Muizelstraat 12  
8560 Moorsele, Belgium  
+32 56 20 64 20  
info@boplan.com

### **BOPLAN USA**

4350 W. White Road, St 300  
Flowery Branch, GA 30542  
+1 678-890-5906  
info@boplan.us

### **BOPLAN UK**

Science Centre, Wolverhampton Science Park  
Glaisher Drive, Wolverhampton WV10 9RU  
+44 1902 82 4280  
info@boplan.co.uk

### **BOPLAN DEUTSCHLAND**

IHP-Nord · Babenhäuser Str. 50  
63762 Großostheim  
+49 6026 999 51 90  
info@boplan.de

### **BOPLAN FRANCE**

617, Avenue de Bayonne  
64210 Bidart  
+33 (0)5 35 45 75 35  
info@boplan.fr

### **BOPLAN ESPAÑA**

Pl Ramon Berenguer el Gran, 1  
08002 Barcelona  
+34 936 81 66 88  
info@boplan.es

### **BOPLAN NEDERLAND**

Toermalijnring 100  
3316 LC Dordrecht  
+31 85 13 07 500  
info@boplan.nl

### **BOPLAN POLSKA**

Ul. Graniczna 34B / U16  
41-300 Dąbrowa Górnicza  
+48 728-878-670  
info@boplan.pl

### **BOPLAN ITALIA**

Via Privata Maria Teresa 7  
20123 Milano  
+32 56 20 64 20  
info@boplan.it

### **BOPLAN JAPAN**

4F Matsuoka II Building,  
1-2-11 Nijyooji Minami  
Nara City, Nara 630-8012  
+81 (0)742-93-8705  
info@boplan.co.jp

### **FOLLOW US**



**BOPLAN.COM**

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

