



**READY  
FOR  
IMPACT**



# **HEIGHT RESTRICTORS**

**PROTECTION OF INFRASTRUCTURE FROM  
FORKLIFTS AND TALL VEHICLES**

# HEIGHT RESTRICTORS

PROTECTION OF INFRASTRUCTURE  
FROM FORKLIFTS AND TALL VEHICLES



GOAL POST height restrictors from our FLEX IMPACT® range are flexible height restrictors that protect your gates, canopies and bridges from collisions with tall vehicles such as boom lifts, trucks and forklifts with high loads. A GOAL POST consists of a portal and an optional separate bar or TOUCH BARRIER. The GOAL POST is available in custom sizes and in a variety of colours. For more stability, the height restrictor can be secured to a wall using brackets.

Height restrictors are safety solutions that prevent collisions with high obstacles. They consist of a high horizontal bar supported by two vertical bollards. Their presence prevents damage to your company's infrastructure and to the vehicles themselves. We often install them at entrances and gates of warehouses, factories and loading docks, as these are most vulnerable to impacts at height.



ICE FLEX®

The GOAL POST is also available in a version for use at temperatures below freezing down to -30°C.



FOR MORE STABILITY, WE SECURE  
HEIGHT RESTRICTORS OVER 4 METRES  
HIGH TO A WALL USING BRACKETS



**FLEX IMPACT® HEIGHT RESTRICTORS**



**A revolutionary base plate**

An optimised base plate increases impact resistance. The Base Defender protects the screws that anchor the round base plate to the floor. This protective cover, made of durable elastomer, 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 crushed fingers.



**Stronger than ever**

The GOAL POST features EXTRILENE® tubes of various lengths bolted to a base plate. The different tubes provide optimal impact absorption through deformation and friction.

**Easy to customise and expand**

Our height restrictors are easily combined with other FLEX IMPACT® safety products such as safety gates, handrails and bollards.



**IMPACT-RESISTANT AND FLEXIBLE**

Our height restrictors are made of EXTRILENE®, a high-quality polymer. This material is ideal for absorbing heavy impacts. Crash tests have demonstrated that our GOAL POSTS can withstand impacts from 7.5 kJ to 10.2 kJ. The deformation that occurs after each collision disappears once the vehicle has gone.



**EASY INSTALLATION DUE TO MODULAR DESIGN**

Our GOAL POSTS are constructed using a minimum of components. Moreover, the polymer components are lightweight, making them easy to handle and transport.



**RESISTANT TO CHEMICALS AND UV RADIATION**

Our weather-resistant height restrictors are resistant to chemicals and do not rust. They are perfect for environments where chemicals are frequently used or where strict hygiene standards apply. Bacteria do not adhere to the polymer and it is easy to clean.



**OPTIMAL VISIBILITY**

The standard colour for these height restrictors is yellow. Yellow draws attention and increases safety awareness.



**LOW MAINTENANCE**

FLEX IMPACT® height restrictors require minimal maintenance. With proper use, our systems last a very long time.



**FASTENERS**

Concrete screws  
..... STANDARD

Expansion anchors  
..... OPTIONAL

**TYPICAL ENVIRONMENTS**

For the protection of gates, canopies, entrances and bridges in:

- Car parks
- Commercial properties
- Distribution centres
- Industrial properties
- Logistics, supply chain and material handling
- Petrochemical and chemical plants
- Transport & logistics centres
- Warehouses and storage facilities



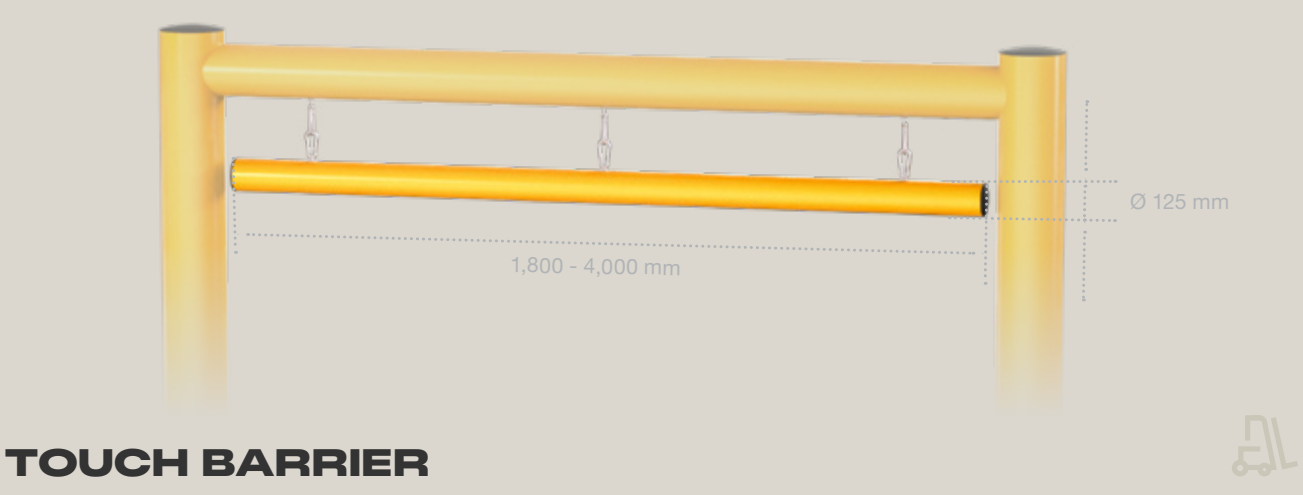
**BOPLAN TEST CENTRE**

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

We meticulously simulate scenarios, from different floor conditions to impact angles, replicating the real-world challenges our GOAL POSTS face.



FLEX IMPACT® HEIGHT RESTRICTORS



**GP GOAL POST  
250R**

### **BOPLAN HQ**

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

### **BOPLAN UK**

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

### **BOPLAN USA**

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

### **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**

Carrer d'Aragó 208, 2o 6a  
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 32 224 74 85  
info@boplan.pl

### **BOPLAN ITALIA**

Via Privata Maria Teresa 7  
20123 Milano  
+39 02 81287168  
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

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