



**READY  
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# **AXES GATE**

**INDUSTRIAL SAFETY GATES FOR FALL  
PROTECTION OR MACHINE ACCESS**



# AXES GATE



Falling from height is a real risk in industrial environments. The **DOUBLE AXES GATE** prevents people from stepping or falling into an opening by securely closing it off. This gate is the best choice for securing caged ladders and blocking access to machines and work platforms at height.

## THE FIRST SAFETY GATE IN THE WORLD MADE FROM 100% RECYCLABLE POLYMER

The AXES GATE is made entirely of HI-TEP, a polymer specially developed by Boplan®. This recyclable material is a major step forward in terms of sustainability. It puts an end to the toxic 2-component PU adhesive used in traditional safety gates.

The **SINGLE AXES GATE** is designed to close off access to dangerous areas and machinery at ground level.

EXTREMELY LONG  
SERVICE LIFE

LOW MAINTENANCE

RESISTANCE  
TO CHEMICALS  
AND UV RADIATION

CAN BE CUT  
TO LENGTH ON-SITE

SELF-CLOSING  
DUE TO GRAVITY

FLAME  
RETARDANT:  
UL94 V0

NO SHARP EDGES,  
SAFE FOR HANDS

EASY  
TO CLEAN

OPENS TO  
THE LEFT OR RIGHT

FEW TOOLS  
REQUIRED

FOR OPENINGS FROM  
500 MM TO 1,130 MM

OPTIMAL  
VISIBILITY



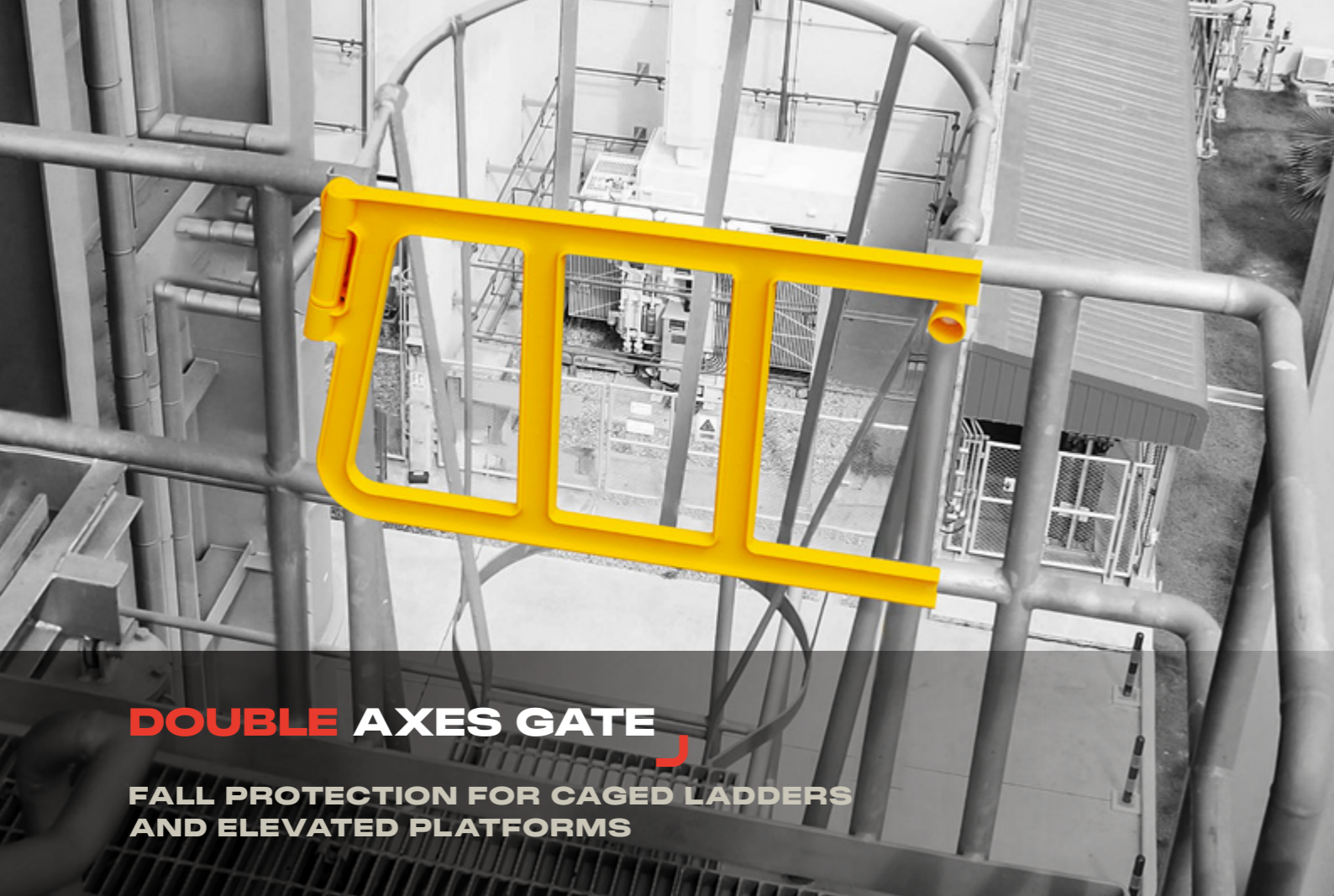
**AXES GATE** was Boplan's very first product and has since been perfected in every detail. This third generation is the result of valuable feedback, technical expertise and customer satisfaction Boplan has built up over the past 25 years.

## EXTENSIVELY TESTED AND CERTIFIED AS SAFE

The **DOUBLE AXES GATE** with an opening up to 950 mm meets the EN 14122-3 safety standard, section 8.2 (strength tested and TÜV NORD certified\*) and the EN 14122-3 safety standard, section 7.1.4 (hand and knee rails). To comply with ISO 14122-3 and OSHA 1910-1910.29 regulations, there must be a minimum overlap of 80 mm and the top edge of the top rail must be at a height of 1100 mm above the walking surface. The **DOUBLE AXES GATE** with an opening up to 820 mm is TÜV NORD certified\* and meets the safety standards B-92-1143 and NBN-ISO 7892:1992 (Large Soft Body test). To meet these safety standards, a **DOUBLE AXES GATE** with an opening up to 820 mm must be equipped with a secondary support button above the bottom bar and have a minimum overlap of 125 mm.

The **SINGLE AXES GATE** with an opening up to 870 mm meets the EN 14122-3 safety standard section 8.2 (strength tested and TÜV NORD certified\*). The **SINGLE AXES GATE** does not comply with EN 14122-3 chapter 7.1.4. due to the absence of a knee rail.

\*Certificate available upon request



## DOUBLE AXES GATE

FALL PROTECTION FOR CAGED LADDERS  
AND ELEVATED PLATFORMS



## SINGLE AXES GATE

FOR GROUND LEVEL USE ONLY

### APPLICATIONS

- Closing off access to machinery and hazardous areas
- Integration with existing handrail systems such as Boplan's Flex Impact® range

### TYPICAL ENVIRONMENTS

- Highly saline environments such as drilling rigs
- Petrochemical and chemical industries with use of corrosive and chemical substances
- Transportation and logistics centres
- Warehouses and storage facilities

## KEY FEATURES AND BENEFITS



### FLAME RETARDANT AND RESISTANT TO CHEMICALS AND UV RADIATION

Boplan® AXES GATES have been used on a daily basis around the world for 20 years in the toughest and most challenging conditions, such as in the chemical industry and on offshore drilling platforms. They effortlessly withstand severe weather conditions, hypersaline environments and highly corrosive chemicals. The safety gate's design, composition and properties make it suitable for any application in all industries.



### EXTREMELY LONG SERVICE LIFE

The AXES GATE is made of High Impact Thermoplastic Engineered Polymer (HI-TEP) and stainless steel parts that are resistant to rust and corrosion. These materials retain their structural integrity for a very long time and require minimal maintenance. The hinge has been tested for over 150,000 cycles. This corresponds to opening and closing 20 times a day for 20 years.



### COST-EFFECTIVE

Compared to traditional metal and PU safety gates, investing in the AXES GATE means saving on repairs and replacement. Because the DOUBLE AXES GATE prevents falls, financial and other damage to the business is avoided. Examples include reputational damage, lost time, time-consuming and cumbersome work or safety inspections, etc.



### OPTIMAL VISIBILITY

The polymer is coloured through the core in bright signal yellow: RAL 1003. This striking colour makes it easy to find the exit in case of emergency. A warning sign is easily mounted by drilling holes at pre-marked positions.



### NO SHARP EDGES, SAFE FOR HANDS

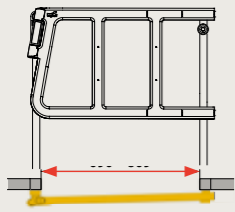
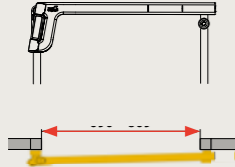
The AXES GATE features rounded elements, carefully designed to prevent clothing or limbs from getting caught.





### EASY INSTALLATION

The hinge block can be configured to open to the left or right. It is secured with 2 bolts (plus optional adapters for a round tube or I-beam). Then the hinge pin is inserted and the opening sealed with a cover.

- Few tools are needed, making installation simple, quick and safe even at great heights.
- Opens in two directions: experience the ultimate convenience and flexibility of the AXES GATE, designed to open seamlessly in both directions with an impressive 120° turning radius. The gate opens just as easily to the left or right, while maintaining safety.
- The AXES GATE is delivered according to the requested dimensions, but can be shortened on-site if necessary.

	Opening size	Approved for use at height	For ground level use only
<b>DOUBLE AXES GATE</b> 	500-950 mm	✓	✓
	951-1130 mm		✓
<b>SINGLE AXES GATE</b> 	500-870 mm	✓	✓
	871-1130 mm		✓

**TUVNORD**  
TÜV NORD Systems GmbH & Co. KG

**Determination of the Product Type**

Voluntary Certification acc. TÜV NORD Standard STH-ZE-KSP-VA-320

Testing Criteria to determine essential Product Properties of (safety of machinery): DIN EN ISO 14122-3:2016-10 Section 8.2 (Testing of railings)

tuev-nord.com

## THE MOST SUSTAINABLE SAFETY GATE IN THE WORLD

### 100% recyclable

- High-Impact Thermoplastic Engineered Polymer (HI-TEP) is infinitely reusable as a raw material.
- 100% recyclable: all polymer parts are made from the same groundbreaking material.

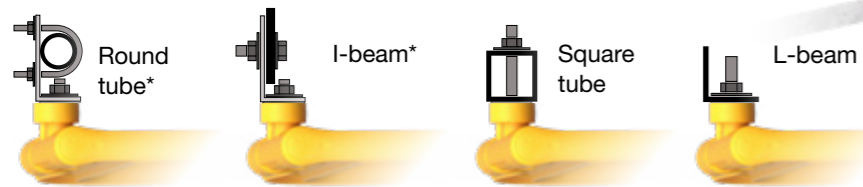
### Designed for extreme conditions

- Extremely long service life
- Resistant to chemicals and UV radiation
- Superior temperature stability and dimensional stability

### Isocyanate free

- Boplan® High Impact Thermoplastic Engineered Polymer (HI-TEP) contains no isocyanates. The production process not only ensures cleaner and safer conditions for workers by reducing health risks and improving the work environment but also simplifies safety protocols, contributing to a more efficient and socially responsible production process.

## CAN BE INSTALLED ANYWHERE



\* Optional

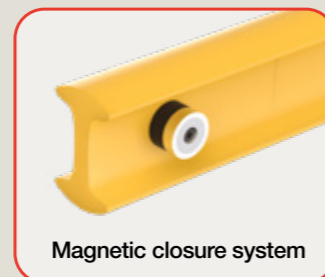
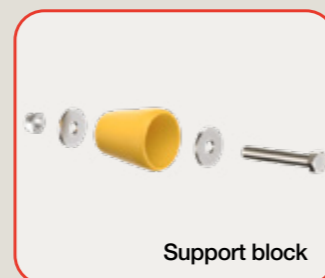


## THE SMALLEST FOOTPRINT

Plastic safety gates are usually made from polyurethane (PUR). However, producing the raw material for PUR is much more intensive than producing the raw material for HI-TEP. Furthermore, HI-TEP is reusable.



## ACCESSORIES



For more information, visit [boplan.com](http://boplan.com)





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