



**READY
FOR
IMPACT**

» NEW



AXES GATE

**INDUSTRIAL SAFETY GATE AS FALL
PROTECTION OR ACCESS TO
MACHINERY**

AXES GATE

INDUSTRIAL SAFETY GATE AS FALL PROTECTION OR ACCESS TO MACHINERY



Falling from a height is a real risk in industrial environments. The **DOUBLE AXES GATE** prevents stepping or falling into an opening by securely closing it. It is your best choice for securing cage ladders and restricting access to machinery and work platforms at height.

EXTREMELY LONG LIFETIME

MAINTENANCE-FREE

SELF-CLOSING GRAVITY GATE

FIREPROOF UL94 - V0

NO SHARP EDGES FINGER SAFE

EASY TO CLEAN

OPENS TO THE LEFT OR RIGHT

CHEMICAL & UV RESISTANT

CAN BE CUT TO LENGTH ON SITE

FEW TOOLS NEEDED

FOR OPENINGS FROM 20" (500 mm) TO 44" (1130 mm)

OPTIMAL VISIBILITY



WHY A THIRD GENERATION?

The **AXES GATE** was Boplan's very first product and has since been perfected down to the smallest detail.

This third generation is the result of the valued feedback, engineering expertise and customer satisfaction that Boplan has accumulated over the past 20 years.

EXTENSIVELY TESTED AND APPROVED

The **DOUBLE AXES GATE**, with an opening of up to 37" (950 mm), complies with the EN14122-3 safety standard, chapter 8.2 (strength tested and TÜV certified*) and the EN14122-3 safety standard, chapter 7.1.4. (hand and knee rail). For ISO14122-3 and OSHA1910-1910.29 regulations; ensure a minimum overlap of 3" (80 mm) and maintain the top edge of the top rail at a height of 43 3/8" (1100 mm) above the walking surface. The **DOUBLE AXES GATE** with an opening of up to 32 5/16" (820 mm) is TÜV certified* and complies with safety standards B-92-1143 and NBN-ISO 7892:1992 (Large Soft Body Test). In order to comply with these safety standards, the **DOUBLE AXES GATE** with an opening up to 32 5/16" (820 mm) must be equipped with a secondary stop positioned above the lower bar and ensure a minimum overlap of 5" (125 mm).



The **SINGLE AXES GATE** with an opening of up to 34" (870 mm) complies with the EN14122-3 safety standard chapter 8.2 (tested for strength and TÜV certified*). The Single Axes Gate does not comply with EN14122-3 chapter 7.1.4. due to the absence of a knee rail.

*Certificate available upon request

The **SINGLE AXES GATE** is designed to restrict access to hazardous zones and machinery on ground level.



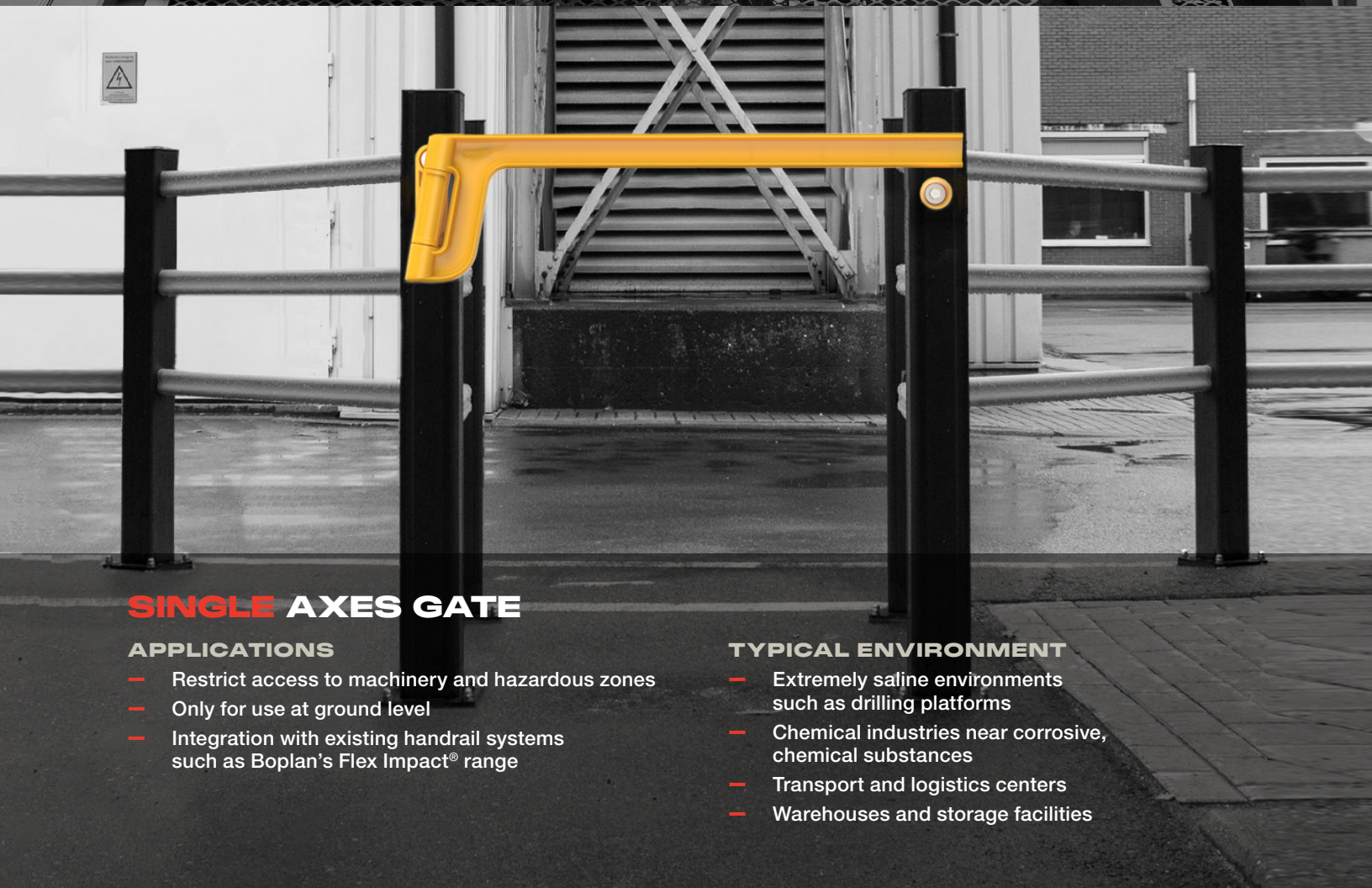
DOUBLE AXES GATE

APPLICATIONS

- Fall protection for cage ladders and elevated platforms
- Restrict access to machinery and hazardous zones
- Integration with existing handrail systems such as Boplan's Flex Impact® range

TYPICAL ENVIRONMENT

- Extremely saline environments such as drilling platforms
- Chemical industries near corrosive, chemical substances
- Transport and logistics centers
- Warehouses and storage facilities



SINGLE AXES GATE

APPLICATIONS

- Restrict access to machinery and hazardous zones
- Only for use at ground level
- Integration with existing handrail systems such as Boplan's Flex Impact® range

TYPICAL ENVIRONMENT

- Extremely saline environments such as drilling platforms
- Chemical industries near corrosive, chemical substances
- Transport and logistics centers
- Warehouses and storage facilities

OUR TESTING SPECIFICATIONS



- **Static test**
 - DIN & ISO 14122-3 chapter 8.2 (tested on strength)
 - TÜV certified
 - OSHA 1910-1910.29 (tested on strength)
- **Dimensional criteria**
 - DIN & ISO 14122-3 chapter 7.1.4 (hand and knee rail)
 - OSHA 1910-1910.29 (b)(3) and (b)(4) (hand and knee rail)
- **Fire retardant: UL94 Flammability test:**
 - V0 and glow wire test according to IEC 60695-2-13
- **Fully chemical and UV resistant: F1 (UL746C)**
- **Large Soft Body test**
 - TÜV certified
 - B-92-1143 (Impact load on structural components)
 - NBN – ISO 7892:1992 (Vertical building elements - Impact resistance tests)
- **Accelerated weathering: ICO 4892-3 cycle 4**
- **Natural weathering (maritime applications)**

MAIN FEATURES & BENEFITS



CHEMICAL & UV RESISTANT AND FIREPROOF

AXES GATES have been used daily for the past 20 years in the harshest and most demanding environments worldwide, such as in the chemical industry and on offshore drilling platforms. They effortlessly withstand severe weather conditions, extremely salty environments and highly corrosive chemicals. The product's design, composition and properties make it suitable for any application in any sector.



EXTREMELY LONG LIFETIME

The AXES GATE is built with High Impact Thermoplastic Engineered Polymer (HI-TEP) and stainless-steel components that effectively prevent rust and corrosion. These materials not only maintain structural integrity but also simplify maintenance. The hinge has been tested and guaranteed for over 150,000 cycles. That is equivalent to opening and closing 20 times a day for 20 years.



COST-EFFECTIVE

Investing in the AXES GATE will save you money on repairs and replacements compared to traditional metal and PU safety gates. Also, because the DOUBLE AXES GATE prevents people from falling, this type of accident will reduce financial and other damage to the company: damage to reputation, loss of time, delays, time-consuming and tedious health and safety inspections, etc.



OPTIMAL VISIBILITY

The polymer used is colored through the core in an eye-catching yellow RAL 1003 (signal yellow). This striking color makes it easy to find the exit in case of an emergency. A sign for further guidance can be easily mounted by drilling holes in pre-marked positions.



NO SHARP EDGES, SO SAFE FOR THE HANDS

The AXES GATE features rounded elements meticulously designed to prevent clothing or limbs from getting caught, ensuring a finger-safe experience. Say goodbye to worries about accidental entrapment or injury as our gate prioritizes your well-being at every turn.

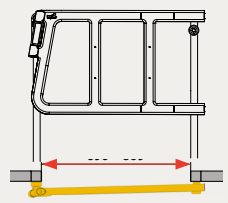
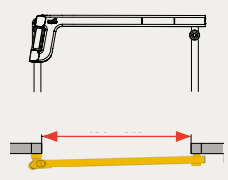


EASY INSTALLATION

The hinge block can be pre-assembled for left or right opening, secured with 2 bolts (plus optional round tube or I-profile adapters). Then insert the gate spindle and close with the cover.

- No need for multiple tools: This facilitates easy, fast and safe installation at considerable heights.
- Bi-directional opening: Experience the ultimate in convenience and flexibility with our AXES GATE, designed to open seamlessly in both directions while providing an impressive 120° turning circle. Whether it's installed to open to the left or right, the gate provides effortless access while ensuring safety.
- The AXES GATE is delivered according to the requested dimensions, but if necessary, the gate can always be shortened by simply cutting it on site.

THE AXES GATE PRODUCT FAMILY

	Access opening	Application	Static tests	TÜVNORD
DOUBLE AXES GATE 	19 3/4" - 37 3/8" (500-950 mm)	Approved for use at heights	DIN & ISO 14122-3 (TÜV) OSHA 1910-1910.29	✓
	37 3/8" - 44 1/2" (951-1130 mm)	Not approved for use at heights (because of the length). Only for use at ground level.	-	-
SINGLE AXES GATE 	19 3/4" - 34 1/4" (500-870 mm)	Not approved for use at heights. Only for use at ground level.	DIN & ISO 14122-3 (TÜV) OSHA 1910-1910.29	✓
	34 1/4" - 44 1/2" (871-1130 mm)	Not approved for use at heights. Only for use at ground level.	-	-

TÜVNORD

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 of the same breakthrough material

Designed for extreme conditions

- Long-term durability
- High chemical & UV resistance
- Superior temperature and dimensional stability

The smallest footprint

- By optimizing our supply chain and implementing a package volume reduction, we achieve a substantial environmental benefit, saving 3660 kg of CO2 equivalent every year.

Isocyanate-free

- High Impact Thermoplastic Engineered Polymer by Boplan (HI-TEP) is isocyanate-free. Its manufacturing process not only ensures cleaner and safer conditions for workers by reducing health risks and improving the workplace environment, but also simplifies safety protocols, ultimately contributing to a more efficient and socially responsible manufacturing process.

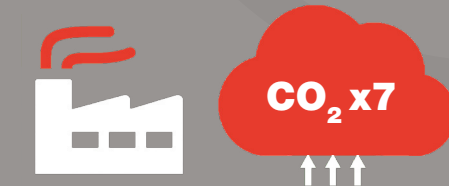
At end of life

BOPLAN® AXES GATE



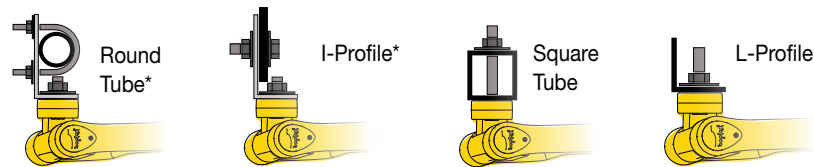
- 100% recyclable
- Endlessly reusable
- Emission of 0,32 kg CO2eq / kg product

ALL OTHER PU SAFETY GATES



- Incinerated at end-of-life
- Not reusable
- Emission of 2,71 kg CO2eq / kg product

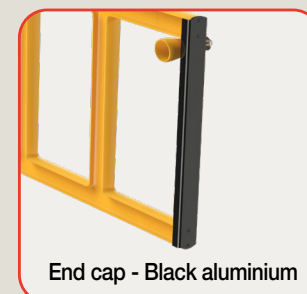
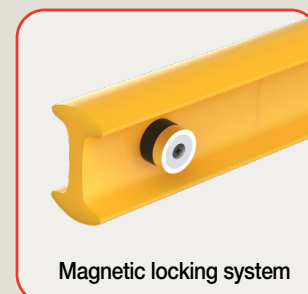
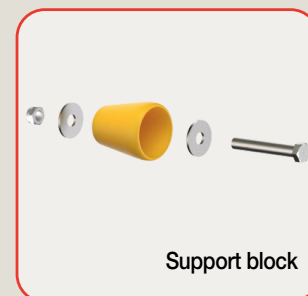
MOUNTS ANYWHERE



* Optional



ACCESSORIES



DISCOVER OUR COMPLETE RANGE OF SAFETY GATES

The AXES GATE is part of a wider range that includes safety gates with a sliding door, safety gates that open with an upward motion, safety gates with a self-closing sideways swing gate and (reinforced) loading dock fall protection systems.

- DOCK GATE
- DOCK GATE FORCE
- SWING GATE
- DROP GATE
- SLIDING GATE
- BELT BARRIER



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 30524
+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



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