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



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 working 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

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

THE WORLD'S FIRST SAFETY GATE MADE OF 100% RECYCLABLE POLYMER

The AXES GATE is made entirely of our custom engineered polymer (HI-TEP). This recyclable material represents a major step forward in sustainability - eliminating the use of toxic 2-component PU commonly found in traditional safety gates.



CHEMICAL &
UV RESISTANT

CAN BE CUT TO
LENGTH ON SITE

FEW TOOLS
NEEDED

FOR OPENINGS FROM
500 mm TO 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 last 20 years.

EXTENSIVELY TESTED AND APPROVED

The **DOUBLE AXES GATE**, with an opening of up to 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 80 mm and maintain the top edge of the top rail at a height of 1100 mm above the walking surface. The DOUBLE AXES GATE with an opening of up to 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 820 mm must be equipped with a secondary stop positioned above the lower bar and ensure a minimum overlap of 125 mm.

The **SINGLE AXES GATE** with an opening of up to 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 on request



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 centres
- Warehouses and storage facilities



SINGLE AXES GATE

APPLICATIONS

- Restrict access to machinery and hazardous zones
- For ground level use only
- 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 centres
- Warehouses and storage facilities

OUR TEST SPECIFICATIONS



- **Static test**
 - DIN & ISO 14122-3 chapter 8.2 (tested for strength)
 - TÜV certified
 - OSHA 1910-1910.29 (tested for 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 over 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 constructed from 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 the 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 coloured through the core in an eye-catching yellow RAL 1003 (signal yellow). This striking colour 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 prioritises your wellbeing at every turn.

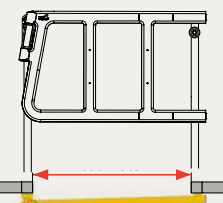
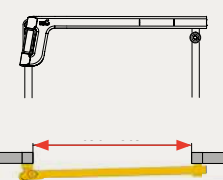


EASY INSTALLATION

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 allows easy, quick 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 required 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 	500 - 950 mm	Approved for use at height	DIN & ISO 14122-3 (TÜV) OSHA 1910-1910.29	✓
	951-1130 mm	Not approved for use at height (due to length). For use at ground level only.	-	-
SINGLE AXES GATE 	500-870 mm	Not approved for use at height. For ground level use only.	DIN & ISO 14122-3 (TÜV) OSHA 1910-1910.29	✓
	871-1130 mm	Not approved for use at height. For ground level use only.	-	-

TÜVNORD

TÜV NORD Systems GmbH & Co. KG

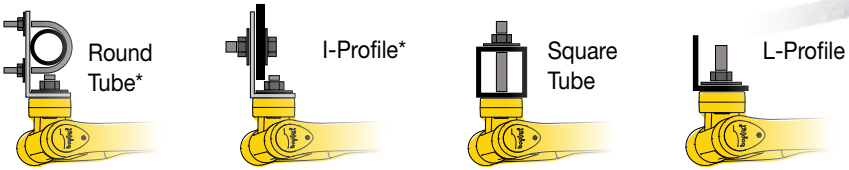
Determination of the Product Type

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)

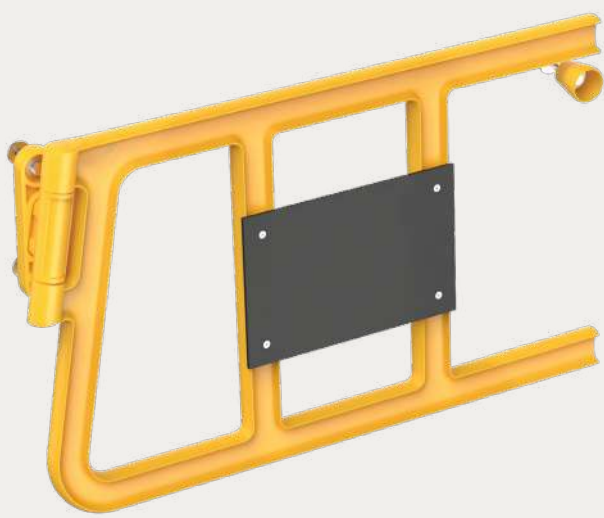
tuev-nord.com

MOUNTS ANYWHERE




* Optional


ACCESSORIES




Sign board (black, 250 x 385 mm)




Support block



Safety knob - Black rubber



Magnetic locking system



End cap - Black aluminium

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 ground-breaking material
- Designed for extreme conditions**

 - Long-term durability
 - High chemical & UV resistance
 - Superior temperature and dimensional stability
- The smallest footprint**

 - By optimising our supply chain and implementing a packaging volume reduction, we achieve a significant 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 working environment, but also simplifies safety protocols, ultimately contributing to a more efficient and socially responsible manufacturing process.



BOPLAN® AXES GATE



CO₂

↑↑↑

- 100% recyclable
- Endlessly reusable
- Emission of 0.32 kg CO2eq / kg product

ALL OTHER PU SAFETY GATES



CO₂ x7

↑↑↑

- Incinerated at end-of-life
- Not reusable
- Emission of 2.71 kg CO2eq / kg product

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, (reinforced) loading dock fall protection systems and belt barrier.

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

