BLACK BULL FLEX+ ground barrier post, Polymer, black/yellow, Start/End

Flexible floor barrier

The BLACK BULL FLEX+ floor barrier protects people, machines, racking and building structures wherever collision and underride hazards arise, e.g. due to forks at floor level. The ideal areas of application are along traffic routes, racking aisles and machine fronts in warehouses, logistics and production.

Instead of rigid barriers, FLEX+ relies on controlled absorption: The system absorbs energy, transfers forces and then returns to its original form. This keeps processes safe - even after a collision.

What happens in detail in the event of a collision

Floor barrier / underrun protection

The polymer crossbar of the floor barrier is the central protective element at floor level and prevents underrun and collision damage caused by forks or vehicles. It cushions the impact, absorbs energy and prevents damage to vehicles, forks and adjacent structures. The result is greater operational safety in daily use.

Base

The FLEX+ Base connects the floor barrier to the floor anchor. Its impact-resistant outer shell protects the internal screw connection and prevents damage to the tires of forklifts and pallet trucks. At the same time, it ensures controlled force distribution and increases the service life of the system.

Base floor anchor

The FLEX+ Base floor anchor combines robust anchoring in concrete with force-absorbing rubber dampers. This design reduces the load on the screw connection, protects the ground and ensures a permanently stable attachment - even with repeated approaches.

Multiple impacts? No problem.

FLEX+ is made for everyday use. The system remains functional, especially after repeated bumps. No permanent deformation. Durable plastic thanks to high elasticity. This significantly reduces downtimes and follow-up costs.

Typical application scenarios for the floor barrier

The FLEX+ floor barrier is particularly suitable for high-traffic areas at floor level. These include traffic routes, rack aisles, machine fronts, conveyor technology, transfer zones and buffer areas. It is ideal for mixed human and vehicle traffic and for applications with light industrial trucks where repeated contact is a realistic possibility.

A typical example is a warehouse with forklifts, hand pallet trucks and narrow paths along racks or machines. The FLEX+ floor barrier reliably protects against underride and collision damage and reduces maintenance costs.

Properties

Important note: The information is based on manufacturer data as well as practical experience. For legally compliant use, the applicable regulations, standards, and codes as well as local conditions must always be taken into account. Technical changes, printing errors, and mistakes are reserved.

Application Area	Inside
Base Plate (Dimensions)	Ø850 × 6,4 mm
Certificate	PAS 13:2017
Colour	yellow / black
Design	Floor barrier
Diameter	204 mm
Drill hole spacing	110 × 110 mm
Fixing Holes Diameter	18 mm
Fixture	For doweling
Hazardous Goods	no
Height (Overall)	270 mm
Main Material	Polypropylene (PP)
Material 2	Metal
Temperature Resistant	0 - 54 °
Weight (gross)	12.5 kg

Accessories & Add-ons

	Category	Text	Quantity
	Consists of	BLACK BULL FLEX+ Base start/end	1
	Consists of	BLACK BULL FLEX+ Base ground anchor ground barrier	1
	Consists of	BLACK BULL FLEX+ concrete screw	4
	Consists of	BLACK BULL FLEX+ Post section floor barrier	1
	Consists of	BLACK BULL FLEX+ cover cap floor barrier	1

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