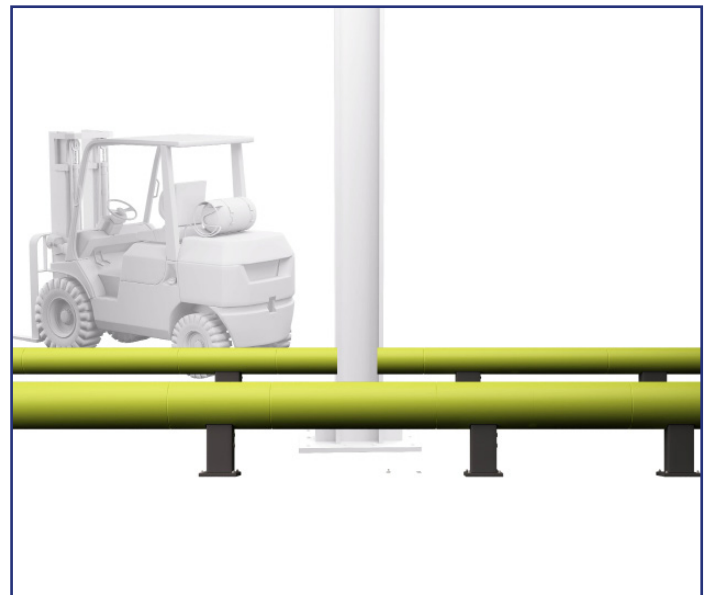




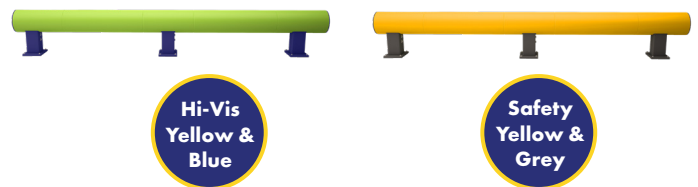
### Single Bumper Barrier

Compact solution from protecting pillars to charge points



### Features and Benefits

- Lower repairs and maintenance cost compared to metal barriers
- Reduces vehicle impact damage and downtime
- PAS 13 compliant and TÜV Nord accredited
- Greater employee safety and driver protection



### Description

Easy to install, these low maintenance polymer barriers, don't rust, corrode, fade or require re-painting, and only need replacing after frequent, major impact has occurred.

The flexible barrier design, absorbs the load of impact, away from a vehicle and ground fixings to reduce damage and repair time, unlike metal barriers.

Available in a range of striking, high visibility colours that are easily detectable, preventing damage and accidents before they happen.

Fully recyclable, non-toxic and suitable for use in food production and freezer environments.

Property	Specification
Height	260mm
Width	300mm (footplate)
Length	900mm upwards
Temperature Range	-40°C to 50°C
Colour Options	Colourfast Yellow & Grey Hi-Vis Yellow & Blue Safety Yellow & Grey
Tested Impact Energy (J)	11,000
Deflection (mm)	234

# RESETTING THE BAR ON IMPACT SAFETY

## WHAT DID WE DO?

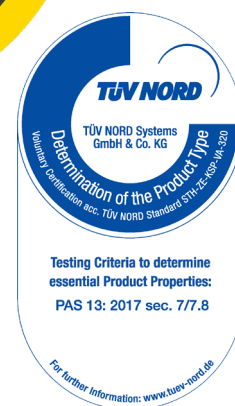
We have tested our range of polymer safety barriers and bollards to PAS 13. This testing has been independently certified by TÜV Nord.

## WHAT IS PAS 13?

PAS 13 is a code of practice to help advise on the types of barriers that are suitable for use within the workplace to segregate vehicles and pedestrians. It also includes guidance on how to test barriers to demonstrate their safety and suitability for the specified application.

## WHAT DID THE TESTING INVOLVE?

Hitting the barriers twice on the end posts and twice in the centre of the mid rail with a weighted pendulum to test **a)** whether the barrier stops the impact without breaking, **b)** how much the barrier deflects in order to calculate a 'safe zone' behind the barrier for installation purposes, and **c)** how much impact force the barriers, and the specified fasteners when installed in concrete, can take in order to determine which barrier is best suited for the types of MHE operating in the surrounding area.



## PAS 13 TESTED AND TÜV NORD ACCREDITED RESULTS

	BRANDSAFE® IMPACT PROTECTION PRODUCT	ENERGY AT 90° (KJ)	ENERGY AT 45° (KJ)	EQUIVALENT MPH SPEED OF A FORKLIFT (3500KG)
1	LOW LEVEL DOUBLE BUMPER	14.2 KJ	28.4 KJ	6.4 MPH
2	PEDESTRIAN DOUBLE BUMPER	14.2 KJ	28.4 KJ	6.4 MPH
3	LOW LEVEL SINGLE BUMPER	11 KJ	22 KJ	5.7 MPH
4	PEDESTRIAN SINGLE BUMPER	11 KJ	22 KJ	5.7 MPH
5	POLYMER PROTECTION BOLLARD	6 KJ	N/A	4 MPH
6	DOUBLE END OF AISLE BARRIER	6.2 KJ	12.4 KJ	4.2 MPH
7	ALL BARRIER END POSTS	4.6 KJ	N/A	3.7 MPH
8	SINGLE END OF AISLE BARRIER	4.6 KJ	9.2 KJ	3.7 MPH
9	ALL END OF AISLE END POSTS	4 KJ	N/A	3.4 MPH
10	IMPACTSAFE BOLLARD	6.1 KJ	N/A	4.2 MPH

## DATE TESTED W/C - 17/04/23

Brandsafe® Low Level Single Bumper Barriers have been tested to meet and exceed the global PAS 13 standard, as independently certified by TÜV Nord.

