

## Brandsafe

### Single Bumper Barrier

This **single bumper barrier** offers heavy-duty impact protection at low-level to protect your people, equipment, and buildings without taking up too much space. Manufactured from a flexible HDPE polymer with a foam diffuser, this **single bumper barrier** flexes and absorbs on impact due to its unique design. This means there's little to no floor damage in the event of a collision, keeping your repair costs down.



## Features and Benefits

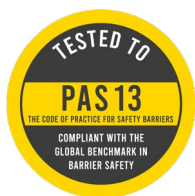
- Manufactured from a flexible HDPE polymer with a foam diffuser.
- Deflects under impact without damaging.
- Minimal floor damage when impact occurs, saving maintenance costs long term.
- Single bumper - double bumpers also available.
- Quick and easy installation - all fixings provided.
- Materials are non-toxic and fully recyclable.
- Suitable for use in food production facilities and freezer environments.
- High visibility colour clearly gives safe working boundaries for MHE drivers.
- Tested to PAS 13 Approved by TÜV Nord.

## Testing

**Brandsafe® single bumper barriers** have been tested to meet and exceed the global PAS 13 standard, as independently certified by TÜV Nord. Testing demonstrated that at a 90° impact angle, the barrier absorbed 11 kJ of energy, while at a 45° impact angle, it absorbed 22 kJ. These results are equivalent to a 5.7 mph impact from a 3,500 kg forklift, with a measured deflection of 234 mm. All tests were conducted on a concrete substrate, confirming the barrier's strength and durability in demanding warehouse environments.



**Safety Yellow and Grey**



<b>Material</b>	High density polyethylene (HDPE)
<b>Properties</b>	Fully recyclable and non-toxic
<b>Temperature range</b>	Use in ambient, chilled and freezer environments
<b>Height</b>	370mm
<b>Width</b>	300mm (footplate)
<b>Length</b>	1400mm upwards
<b>Colour options</b>	Safety Yellow and Grey
<b>Floor anchors</b>	Hilti HSA4
<b>Barrier option</b>	Single
<b>Tested impact energy (J)</b>	11,000 Based on impact at 90°
<b>Deflection (mm)</b>	234

**Please note:** All polymer barrier installations include a minimum length of 1.4 metres. For barrier runs of 3 metres or more, a centre post will be incorporated to ensure maximum protection and structural integrity.