

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



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