IWS Brandsafe
The Impact Safety Experts

Product Specification

Brandsafe CORE

Single Bumper Barrier

The Single Bumper Barrier provides heavy-duty, low-level impact protection for people, equipment and building fabric without taking up too much space. Manufactured from flexible HDPE polymer, the barrier flexes and absorbs on impact, meaning there is little to no floor damage in the event of a collision. This lowers the repair and maintenance costs over the lifetime of the installation.

Features and Benefits

- Manufactured from flexible high-density polyethylene (HDPE).
- Deflects under impact without damaging.
- Minimal floor damage when impact occurs, saving maintenance costs long term.
- 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 standards.

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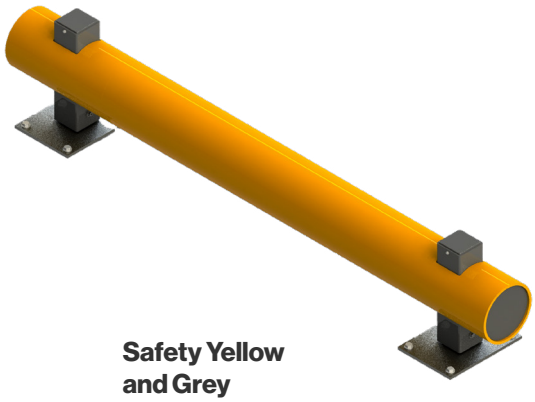
Testing

Brandsafe® single bumper barriers have been tested by IWS Group to PAS 13 standards using a weighted pendulum testing rig. Testing demonstrated that at a 90° impact angle the barrier absorbed 11,000J of energy, while at a 45° impact angle it absorbed 22,000J. These results are equivalent to a 5.7 mph impact from a 3,500kg forklift, with a measured deflection of 234mm. All testing was conducted using M12 Safety Plus Anchors, confirming performance under standard warehouse conditions.



Safety Yellow and Grey

TESTED TO PAS 13 THE CODE OF PRACTICE FOR SAFETY BARRIERS COMPLIANT WITH THE GLOBAL BENCHMARK IN BARRIER SAFETY

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	4x M12 x 120mm Safety Plus Anchors
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.

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