

## Brandsafe



### Single Bumper Pedestrian Barrier

The Single Bumper Pedestrian Barrier provides reliable pedestrian protection in busy warehouse and industrial environments where pedestrians and MHE operate in close proximity. Manufactured from flexible HDPE polymer, the barrier deflects under impact and reforms its shape, meaning there is little to no floor damage in the event of a collision. It guides and controls pedestrian routes, reducing the risk of contact between pedestrians and vehicles in high-traffic areas.

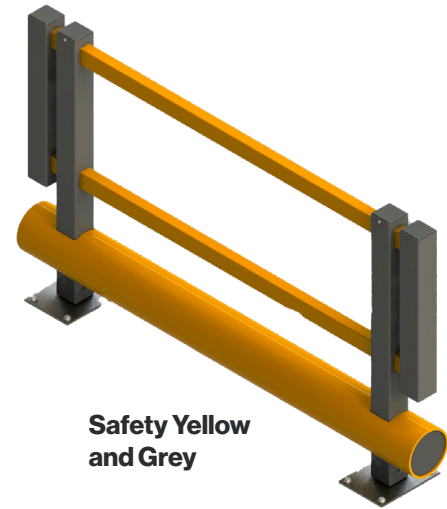


## Features and Benefits

- Manufactured from flexible high-density polyethylene (HDPE).
- The bumpers add extra deflection, strength and safety to pedestrian barriers.
- 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.

## Testing

**Brandsafe® single bumper pedestrian 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 224mm. All testing was conducted using M12 Safety Plus Anchors, confirming performance under standard warehouse conditions.



|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Material                 | High density polyethylene (HDPE)                 |
| Properties               | Fully recyclable and non-toxic                   |
| Temperature range        | Use in ambient, chilled and freezer environments |
| Height                   | 1170mm                                           |
| Width                    | 300mm (footplate)                                |
| Length                   | 1400mm upwards                                   |
| Colour options           | Safety Yellow and Grey                           |
| Floor anchors            | 4x M12 x 120mm Safety Plus Anchors per footplate |
| Barrier option           | Single                                           |
| Tested impact energy (J) | 11,000 Based on impact at 90°                    |
| Deflection (mm)          | 224                                              |

**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.