



## PAS 13:2017

Code of practice for safety barriers used in traffic management within workplace environments with test methods for safety barrier impact resilience

Do you comply?





 Non-Compliant

- Limited pedestrian segregation barriers
- Walkway fading with no clear priority markings between FLTs and pedestrians

- Areas for Improvement**
1. Segregate pedestrian areas with barriers
  2. Clean the environment to increase visibility
  3. Install FLT warning signage



 Basic Legal Compliance

- Gates open into FLT roadway
- Stickers worn
- No low level barrier
- No barrier deflection zone

- How Does This Comply with the Law?**
- ✓ Safe Traffic Flow - By law, pedestrians or vehicles must be able to use a traffic route without causing danger to the health or safety of people working near it.
  - ✓ Separation of Roadways and Footpaths - Roadways and footpaths should be separate whenever possible.
  - ✓ Protection for Workers - You need to consider protection for people who work near vehicle routes.
  - ✓ Safe Distances - By law, traffic routes must also keep vehicle routes far enough away from doors or gates that pedestrians use, or from pedestrian routes that lead on to them, so the safety of pedestrians is not threatened.

- Areas for Improvement**
1. Move crossing away from door to prevent pedestrians walking straight out onto walkway
  2. Use LED projected signage
  3. Add barrier deflection zone



## PAS 13 Compliant

Mag lock gate to prevent pedestrians walking into roadway until FLT has passed

Signage to show different zones

Interactive projections to keep staff engaged and aware



Low level barrier

1.2m wide walkway and deflection zone

### Areas for Improvement

1. Segregate pedestrian areas with barriers
2. Clean the environment to increase visibility
3. Install FLT warning signage

# Compliance checklist

## First steps

- Draft a floorplan of the workplace
- Identify high-risk areas with pedestrian routes, crossing points, loading zones, etc
- Confirm if the existing layout can be changed to prioritise pedestrian safety

## Basic Legal Compliance

- Basic barriers installed but not all meet required impact resistance levels
- Some pedestrian walkways defined, but visual separation needs improvement
- Static signage and limited mirrors/lights added for visibility, but not site-wide
- Gates and access points positioned more safely, but improvements still needed
- Initial introduction of LED projected signage or basic warning signals
- Some enforcement of traffic flow, but not fully segregated

## PAS 13 Compliant

- High-impact safety barriers installed at required impact resistance levels for all high-risk areas
- Clearly marked pedestrian walkways and crossings, using colour-coded surfaces, projected signage, and visual differentiation
- LED projected signage and audio alerts fully integrated, providing real-time hazard awareness for pedestrians and vehicle operators
- Barrier deflection zones included to absorb impact and protect pedestrians from vehicle collisions
- Gates positioned to prevent direct access onto FLT roadways, incorporating mag-lock or smart-controlled entry points
- Traffic flow fully controlled with stop-go systems, pedestrian crossing points, and enforced speed management for FLT's
- Low-level barriers installed where needed to prevent encroachment into pedestrian zones
- Mirrors, lighting, and enhanced visibility measures deployed at blind spots and high-risk areas
- Automated and interactive safety systems in place, responding to pedestrian and vehicle movement to prevent accidents
- Site-wide compliance achieved, ensuring PAS 13 standards are fully met and maintained



## Products We Recommend

PED 150 Link Barrier



Painted Walkways



Mightyline Tape



Interactive Projectors



Safety Gate



Traffic Lights



Shuttle Sensor



### Glossary

**Deflection zone:** area identified to allow barrier deformation without impinging on pedestrian safe zone.

**Loading and unloading zone:** area within a workplace, where items are placed on or taken for the purpose of transfer.

**Pedestrian safe zone:** area in workplace where traffic is not permitted, such as walkways or work areas.

**Walkway:** route within the work environment, specifically for the movement of pedestrians.

**Work area zone:** general area within a workplace, where workers are present.

Want to find out more?  
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## Is your workplace meeting the highest safety standards?



### PAS 13 Compliance: Meeting and Exceeding Industry Expectations

At Clarity, all our barriers are PAS 13 compliant, ensuring they meet the industry's widely recognised guidelines for workplace safety. While PAS 13 provides a structured framework for the installation and performance of flexible polymer barriers, it is not an official safety standard but rather a code of best practice created by industry competitors.

Despite this, PAS 13-compliant barriers remain among the most reliable safety solutions available, providing essential protection for pedestrian and vehicle segregation, impact absorption, and operational safety.

Our commitment to safety means that we don't just comply with PAS 13, we go beyond it. At Clarity, we offer a complete solution to ensure full PAS 13 compliance, combining impact-resistant barriers with visual and audible safety systems. Our integrated approach includes projected signage, warning signals, and smart alerts that respond to pedestrian and vehicle movement - creating a safer, more controlled environment that meets and exceeds industry standards.



### Moving Towards UNI/TR 11886: Setting a New Standard for Workplace Safety

While PAS 13 serves as a useful guideline, the UNI/TR 11886 specification represents the next evolution in workplace safety standards. Unlike PAS 13, UNI/TR 11886 is a fully recognised European technical specification developed through years of research, testing, and collaboration between leading safety experts, including MPM. It provides a rigorous, scientifically validated framework for the design, impact resistance, and effectiveness of safety barriers, ensuring absolute protection in real-world industrial settings.

At Clarity, our mission is to help establish UNI/TR 11886 as the recognised benchmark for workplace safety. By conducting over 200 crash tests per month, validating our barriers with independent certification bodies, and continuously refining our technology, we ensure that our solutions are designed for maximum durability and risk reduction. This forward-thinking approach means our barriers not only meet today's expectations but are setting the standard for the future of workplace safety.

By choosing Clarity, you're investing in more than just compliance. You're securing a future-proof safety solution that aligns with the highest level of safety performance available.



#ClaritySafety  
#GuidingTheWay  
#ProtectingWhatMatters

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