

# Incursion Defender

Duty of care, engineered

Protection against determined vehicles or accidental incursions



# Incursion Defender

## Duty of care, engineered

A purpose-built portable, modular barrier tested as a highway device. Designed to bring determined vehicles or accidental incursions to a safe, controlled stop, mitigating risk to the workforce and road users.

Using friction-based deceleration and proven crash-tested performance, the surface-mounted, modular barrier system prevents determined vehicles or accidental incursions into live roadworks.

### Key Features:

- ✓ Modular units allow interlinking to suit different lane and road widths
- ✓ Lightweight individual components, weighing between 3–27 kg
- ✓ No bolts design and no required tools allow for fast deployment
- ✓ No carriageway surface damage

### Optional Extras:

- 👁️ Integrated cone lamps for heightened visibility and early warning in low-light conditions
- ⚙️ Optional wheels (fasteners required) for temporary or emergency access; repositionable in 30 seconds
- ⊕ TSM Chapter 8 signage



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Incursion Defender is the only incursion protection barrier tested as a highway device. **Achieving Impact Severity Level (ISL) A**, providing the highest level of occupant safety with the lowest risk of injury during impact.

Engineered to CD 378 2.51.UK and MASH 2016 performance standards.

## Technical specifications:

- ✓ UK Patent Pending GB2518903.6
- ✓ Temporary or emergency access variants
- ✓ Optional integrated TSM Chapter 8 signage and cone lamps

## Product information

- **Individual components:** 3-27 kg
- **Total temporary or emergency access unit:** 298 kg
- **Total fixed unit:** From 270 kg



## Impact performance

| Type              | Incursion Defender            |                       |
|-------------------|-------------------------------|-----------------------|
| Tested Vehicle    | BS EN 1317-2 N2 (1500 kg car) |                       |
|                   | Speed (mph)                   | Stopping Distance (m) |
| Stopping Distance | 50                            | 41                    |
|                   | 30                            | 16                    |



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