



SAFEGATE





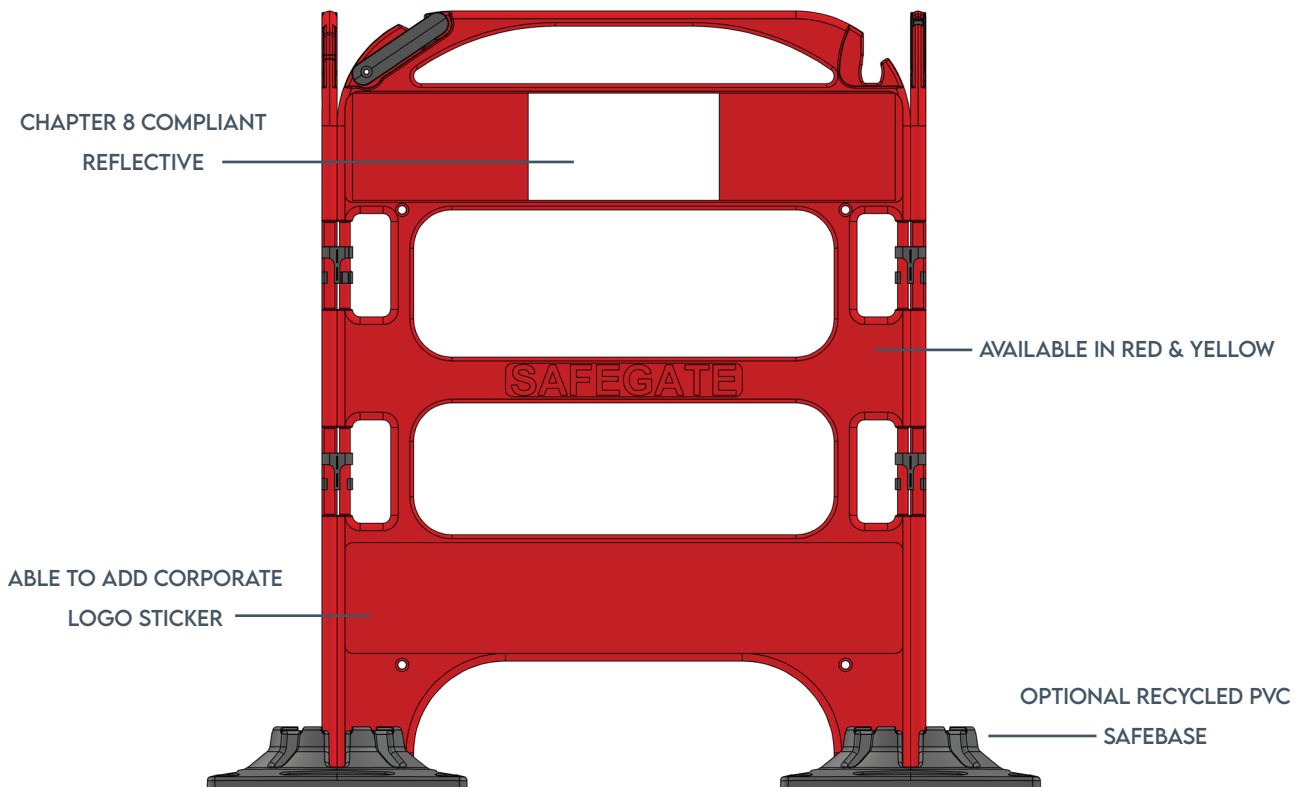
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FEATURES AND BENEFITS



MANHOLE BARRIER

Fully compliant with Chapter 8 Streetworks.

Portable solution making it easier to carry & deploy than typical Chapter 8 barriers.

Clearly cordon off areas to reduce pedestrians/site staff entering restricted zones.

Keep sites protected in high wind conditions using the SafeBase

EASY TO USE & TRANSPORT

Lightweight

Non-conductive & non-corrosive.

EXTRAS

Can be customised with customer logos, MOQs apply.

Available in red & yellow.





WHAT PROBLEMS DOES IT SOLVE



MANHOLE BARRIER

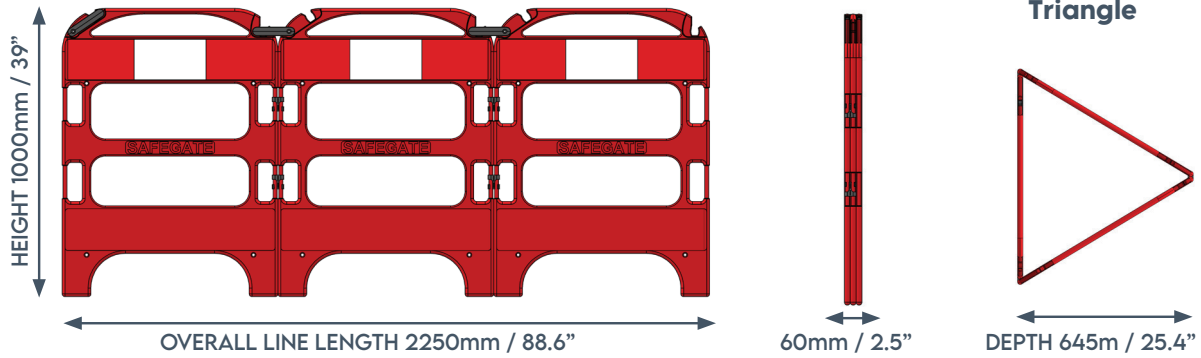
The SafeGate barrier is designed for use around temporary excavations and commonly used in the communications industry.



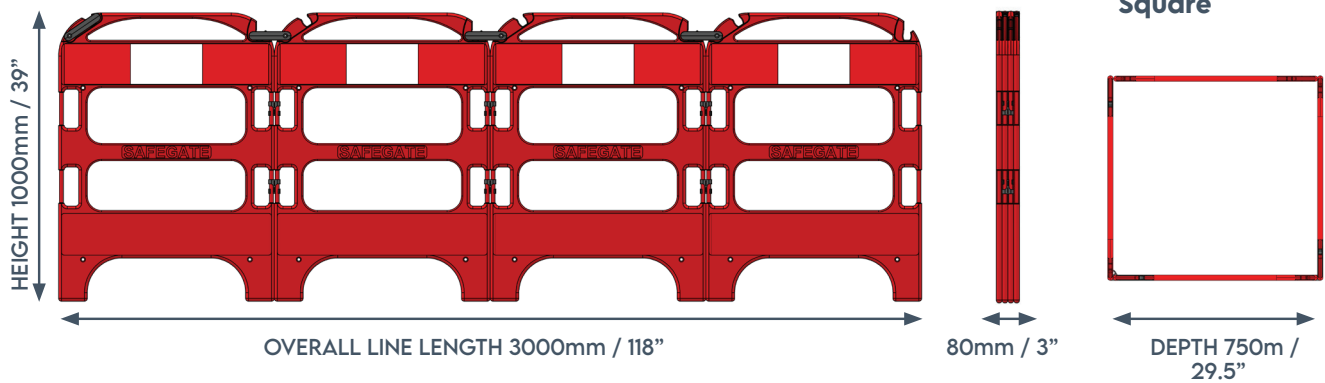


DIMENSIONS AND WEIGHTS

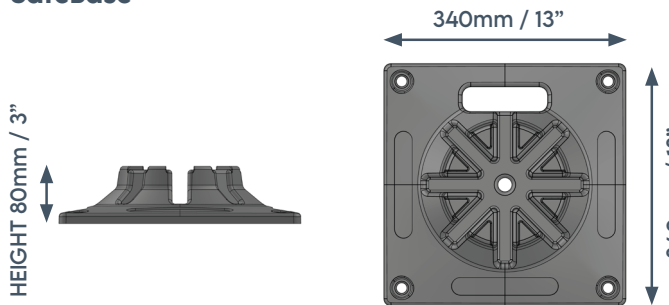
3 Way SafeGate



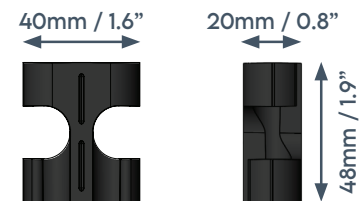
4 Way SafeGate



SafeBase



SafeGate Clip



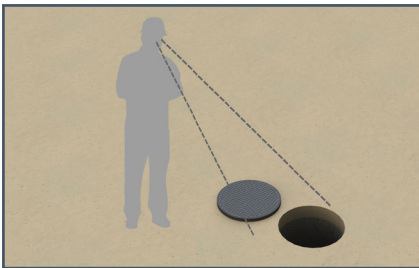
| Part Name | Product Code | Height | Width | Length | Weight |
|------------------------|--------------|--------------|-------------|-------------|-------------|
| SafeBase | O204 | 80mm / 3" | 340mm / 13" | 340mm / 13" | 3kg / 6lbs |
| SafeGate 3 Way Barrier | O9737 | 1000mm / 39" | 60mm / 2.5" | 750mm / 30" | 6kg / 13bs |
| SafeGate 4 Way Barrier | O9738 | 1000mm / 39" | 80mm / 3" | 750mm / 30" | 8kg / 18lbs |
| SafeGate Clip | O9739 | 48mm / 1.9" | 40mm / 1.6" | 20mm / 0.8" | |



INSTALLATION AND SAFE HANDLING

Follow the process below for safe and effective installations.

Risk assessments should be carried out to ensure the usage is suitable for the scenario.



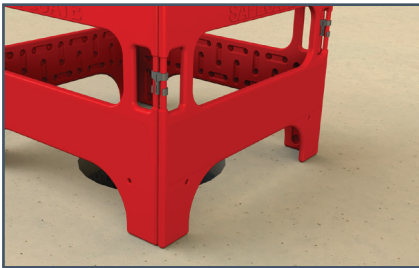
Access area around the manhole cover prior to installing SafeGate.



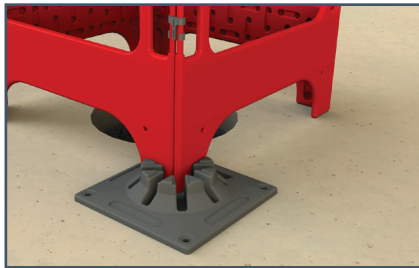
Depending on the application, choose either the 3-way or 4-way SafeGate.



Place the SafeGate around the open manhole cover.



If windy, use the SafeBase to secure the SafeGate.



Place the foot of the SafeGate into the slots on the SafeBase to secure



For SafeGate configurations to achieve certain wind categories, please refer to the 'Wind Resistance' section.





WIND RESISTANCE

The SafeGate and SafeBase ballast can be configured to meet wind classification requirements as shown below.

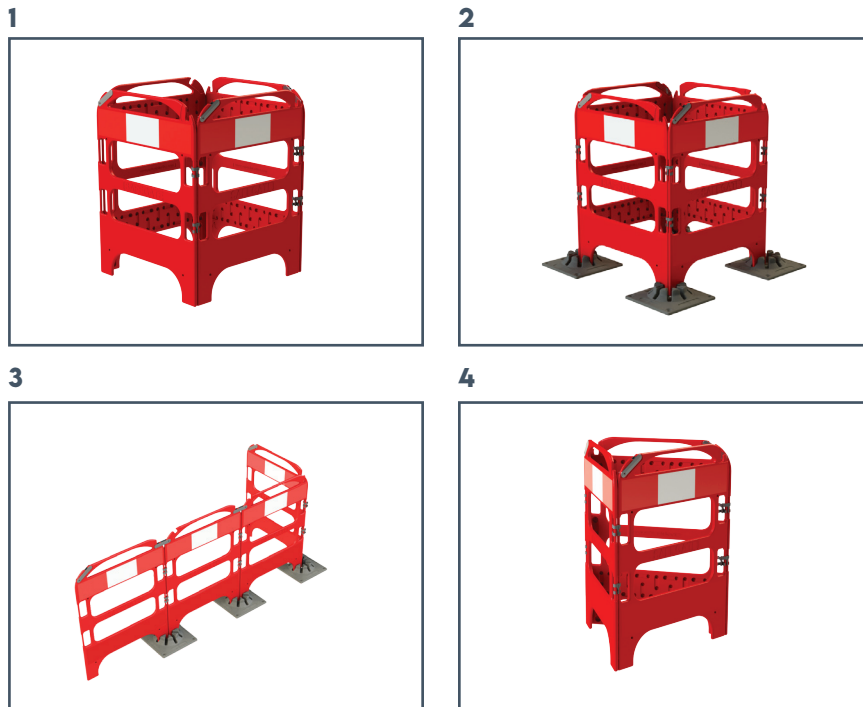
WIND CLASSIFICATIONS FOR BS8442

Category A: 26.3 m/s, 59mph

Category B: 17.6 m/s, 39mph

Category C: 8.7 m/s, 19mph

SAFEGATE AND SAFEBASE BALLAST CONFIGURATIONS TO PASS WIND CLASSIFICATIONS



| Configuration | Description | Cat C | Cat B | Cat A |
|---------------|---|-------|-------|-------|
| 1 | Safegate 4 Way in a square | ✓ | | |
| 2 | Safegate 4 Way in a square with 4 SafeBases | ✓ | ✓ | ✓ |
| 3 | Safegate 4 Way in a line with 3 SafeBases & back-stay | ✓ | | |
| 4 | Safegate 3 Way in a triangle | ✓ | | |





WIND DATA SCALE SPECIFICATIONS

WIND CLASSIFICATIONS FOR BS8442

| Wind Class | Meters per second (m/s) | Mile per hour (mph) |
|------------|-------------------------|---------------------|
| Class A | 26.3 | 59 |
| Class B | 17.6 | 39.6 |
| Class C | 8.7 | 19.6 |

CLASSIFICATION AND LABELLING OF UNITS

The manufacturer shall indicate the mass ballast to be added to each barrier assembly to resist a specified class of wind speed, depending upon the barrier configuration and the level of wind resistance chosen.

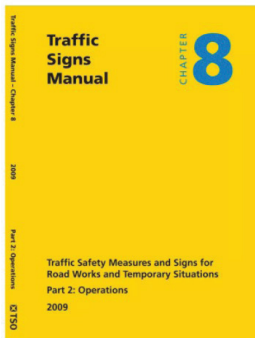
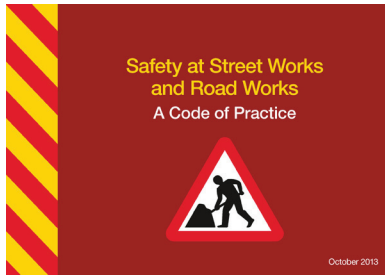
BEAUFORT SCALE, WIND FORCE OR GALE FORCE

| | | |
|-----------------|----------|--|
| Force 2 | 8-12mph | Gentle breeze, leaves and small twigs in constant motion, wind extends light flag |
| Force 3 | 13-18mph | Moderate breeze, raises duct loose paper, small branches are moved |
| Force 5 | 19-24mph | Fresh breeze, small trees in leaf begin to sway, crested wavelets form on inland water |
| Force 6 | 25-31mph | Strong breeze, large branches in motion, whistling heard in telegraph wires, umbrellas difficult |
| Force 7 | 32-38mph | Near gale, walking noticeably hampered |
| Force 8 | 39-46mph | Gale, branches break, walking very difficult |
| Force 9 | 47-54mph | Severe gale, slates blown off roofs |
| Force 10 | 55-63mph | Storm, trees up rooted |





CODE COMPLIANCE



BRITISH
STANDARDS



WHAT IS REGULATORY COMPLIANCE?

The Street Works manual, or Red Book, tells contractors how to set up their street works sites in a compliant manner and tells manufacturers how to make compliant products. Oxford Plastics design plastic safety barriers & anti-climb enhanced barriers that are 100% compliant with the Safety at Street Works and Road Works (Red Book), Traffic Signs Manual (Chapter 8), BS 8442:2015 Miscellaneous road traffic signs and devices - requirements and test methods, BS EN 13422:2019 Vertical road signs — Portable deformable warning devices and delineators — Portable road traffic signs — Cones and cylinders, BS 7818:1995 Specification for pedestrian restraint systems in metal.

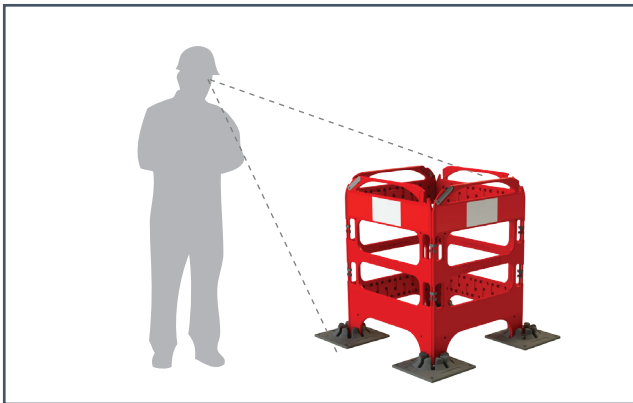
The SafeGate barrier system is Chapter 8 compliant for streetworks use.



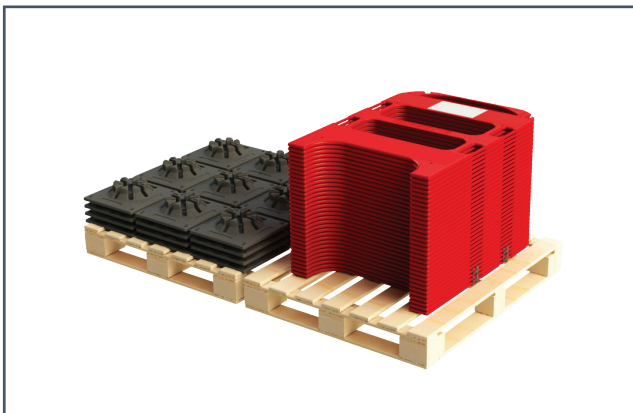


INSPECTION AND MAINTENANCE

Care for the product by following the below guidance:



Inspect each product for signs of damage between every installation, including SafeGate and SafeBase.



When storing and transporting, ensure the SafeGate are stacked and lay flat on top of each other. SafeBases are able to be uniformly stacked too.

SIGNS OF DAMAGE

Cracks or breaks in the SafeGate indicate it has been damaged through improper use.

If the products shows signs of damage, it should be disposed of.

Spare parts such as clips and SafeBases are available to purchase as spare parts.

The barriers reflective is also able to be replaced in house





REPAIRING THE REFLECTIVE

A guide to reapplying reflective strips on Chapter 8 barriers.

1

You will need a wallpaper scraper, sponges, a self-made applicator, a plunger can filled with PA Isopropyl Alcohol, a plunger can filled with standard CP906-P1 Primer and PPE.

2

The applicator should be a handheld size, approx. 12x8cm. Fabricate from a piece of hard plastic or card, wrap this in felt, wrap this in a tough fabric and secure together with duct tape.

3

Place the barrier on a flat stable surface.

4

Use the scraper to lift the edges and peel off the damaged reflective.

5

Clean the recessed reflective surface area with a new cleaning sponge soaked with the Alcohol and allow to air-dry for 15 seconds.

6

Use a new sponge coated in Standard Primer and, starting at the bottom, ensure that the primer has covered and wetted the whole area. Leave to air dry for 5 minutes.

7

Remove the backing paper from the reflective strip and place it on the barrier, ensuring that it is in the centre of the recess.

8

Use the applicator and, applying a firm pressure, work one end to the other in a zig-zag motion pushing down the sticker and removing the air from underneath.

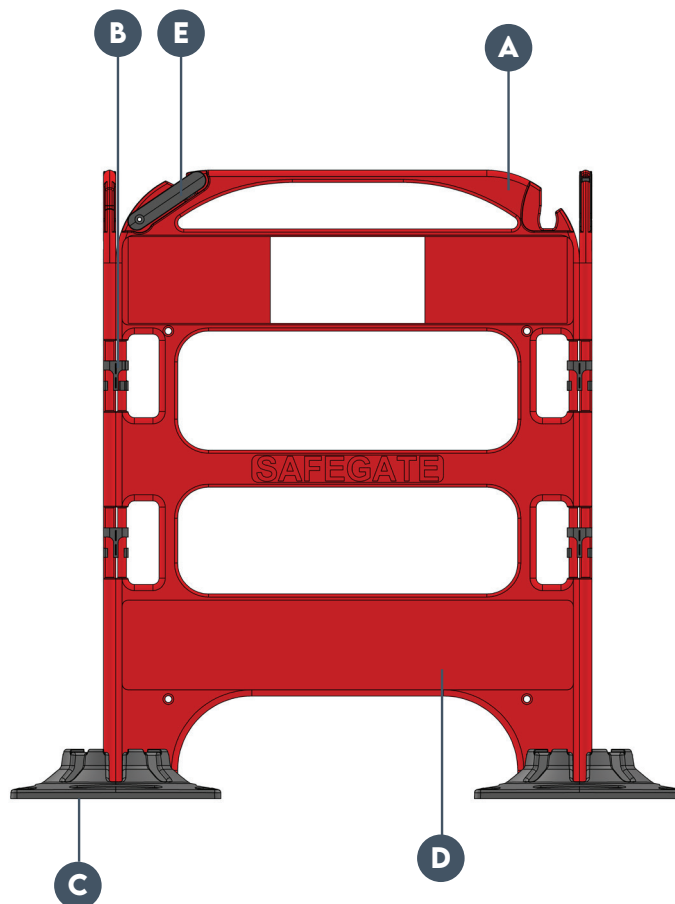
9

There should be no cuts or tears in the reflective. Air bubbles should not exceed 5x15mm or 10x10mm. Air bubbles should be no closer than 20mm to the edge.



SPARES

Parts can be disassembled, enabling elements to be replaced in the unlikely event of damage.



| | Part Name | Material | Product Code |
|---|---------------|---------------------------------|--------------|
| A | SafeGate | HDPE | O9737 |
| B | SafeGate Clip | HDPE | O9739 |
| C | SafeBase | Recycled PVC | O204 |
| D | Reflective | Red and White prismatic acrylic | O9897 |
| E | Lapping Bar | Black, HDPE | O9740 |





RECYCLABILITY



The SafeGate is made from HDPE and the SafeBase is made from recycled plastic. All components are recyclable.

Contact Oxford Plastics for information about returning end of life products.





ASSOCIATED PRODUCTS

When setting up a streetworks site, other Oxford Plastics solutions can be used to ensure compliance is achieved.. Advanced barrier systems, trench covers, road plates, wheelchair ramps and cones.



ADVANCED BARRIER SYSTEMS



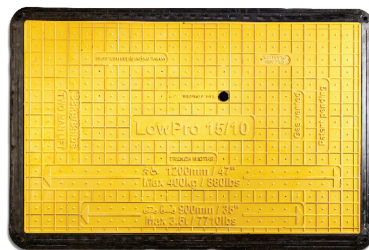
WHEELCHAIR RAMPS



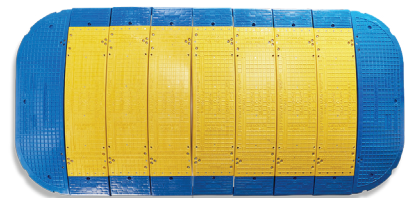
ROAD CONES



STREET WORKS SIGN



TRENCH COVERS



ROAD PLATES





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