



Chapter 8 Gate Barrier

SPECIFICATION SHEET



Gate Barrier

The Gate is one of the most popular blow moulded barriers.

This superior blow moulded HDPE barrier offers superb quality at a low life cost. The Chapter 8 barrier conforms to the requirements of BSEN8442 and the reflectivity requirements of BSEN12899.1.

The Gate Barrier is fully customisable, with the ability to emboss your company logo onto the barrier and colourize it with any pantone colour.

Gate Barrier Specifications:

Width	Depth	Height	Weight
2000mm	50mm	1000mm	11.20kg

Key Features

- Barrier to barrier connection is quick and easy to use on uneven ground
- Moulded in orange as standard, but can be coloured to suit
- Also available in multiple other colours
- Free from screws and rivets
- Stacks 40 per double pallet
- Free standing with 360° swivel feet
- Incredible strength and durability
- Coloured feet if desired
- A moulded lamp connector
- Manufactured in High Density Polyethylene
- Company identification can be embossed

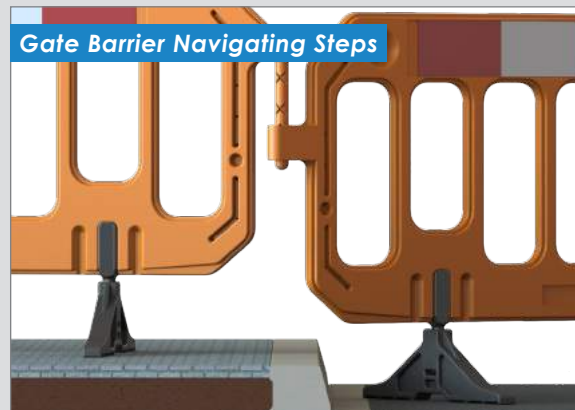
★ Trustpilot



Weight 11.20kg



Gate Barrier Navigating Steps



Blue Gate Barrier



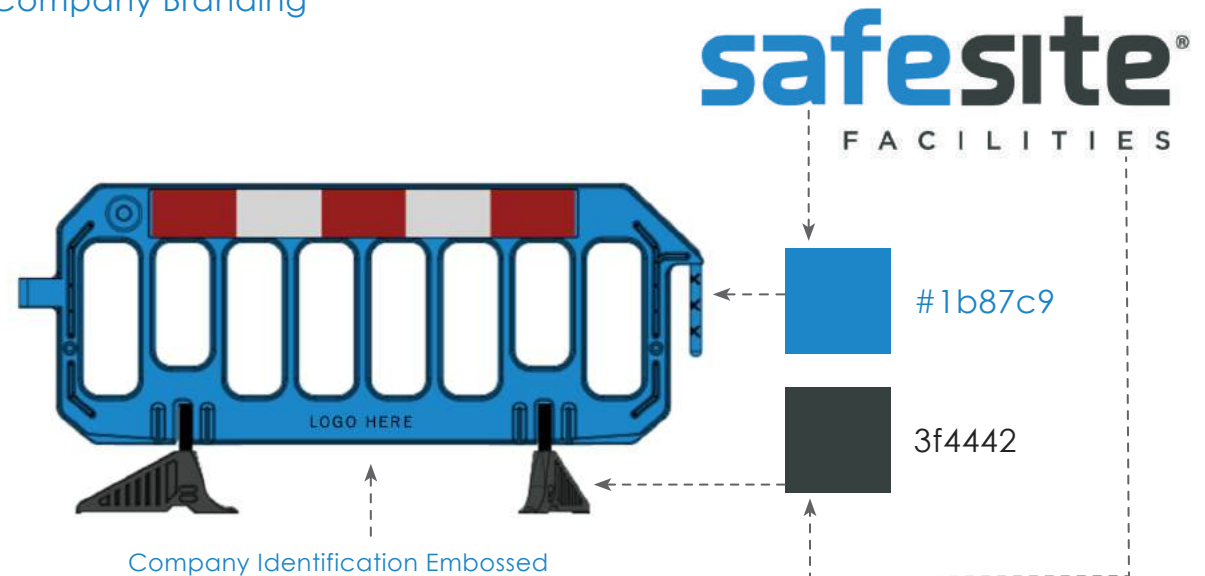
Gate Barrier Customisation

The Gate Barrier can be fully customised to suit your companies brand.

When ordering over 200 barriers we are able to offer the option to customise the colour of your Gate Barriers. This can be utilised to further your companies brand and identification, using a web based colour code as shown on the right we can generate the correct pantone to colourize your barriers.

We are also able to offer logo embossing on the Gate Barrier, with a one time purchase of the embossing plate your company identification can be added to the barrier.

Company Branding



Embossed Logo



Various Coloured Gate Barriers



Gate Barrier With Road Rock

The Road Rock has been designed to aid the Gate Barrier in windy conditions.

The Road Rock has been designed to aid the Gate Barrier in windy conditions. The Rock's weigh 15kg each and only two are required per Gate Barrier to pass Class B wind speeds and in a box formation has passed Class A wind speeds.

The Road Rock has a slot for the gate barrier to fit in, securing the Barrier down preventing any sliding or falling.

Key Features

- Road Rock 15kgs in weight
- Can be coloured to suit
- Angular movement on interlocking
- Handle for easy lifting
- Corporate ID can be embossed
- Manufactured from 100% recycled material
- Completely recyclable
- Product can stack
- Available nationwide

Weight Per Road Rock 15kg



Slot For Gate Barrier



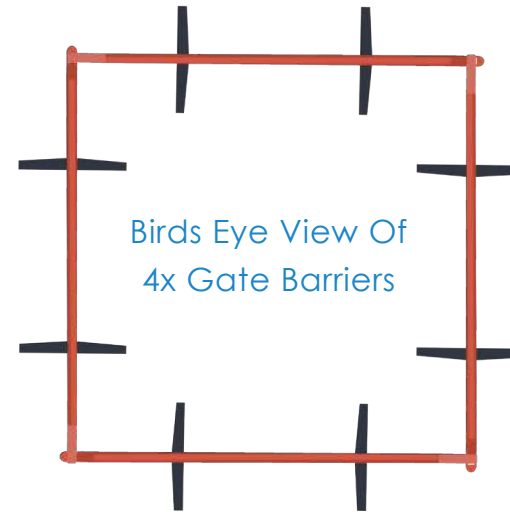
Handle Included For Lifting



90° Degree Corner Layout

The Gate Barrier system has been designed to easily navigate angles.

The barrier can be pivoted at the connection pin to navigate tight corners, something that is very beneficial when creating pedestrian walkways or making small square compounds for minor street-works.



Boxed Formation



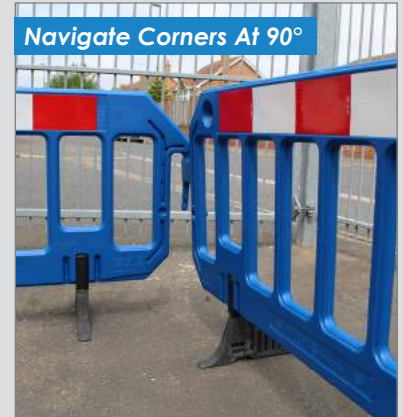
Configured At 90°



Pivot On Connection Pin



Navigate Corners At 90°



Gate Barrier Wind Loading

All temporary traffic barriers must be able to withstand three different classes of wind speeds with the use of a ballast.

The standard BS 8442:2015 states the three classes as the following - Class A: 26.3 m/s (58 mph), Class B: 17.6 m/s (39 mph), Class C: 8.7 m/s (19 mph).

The Gate Barrier system was tested under strict conditions at the Mira Full Scale Wind Tunnel to determine what level wind speeds the barrier can withstand.

1 30kg Ballast Weight

42 mph

Wind speed withstood,
not to failure point.



MIRA CLASS B - **PASSED**

2 90kg Ballast Weight

59 mph

Wind speed withstood,
not to failure point.



MIRA CLASS A - **PASSED**

3 Road Rock

42 mph

Wind speed withstood,
not to failure point.



MIRA CLASS B - **PASSED**

4 Boxed With Road Rock

70 mph

Wind speed withstood,
not to failure point.



MIRA CLASS A - **PASSED**

Gate Barrier In Action

The Gate Barrier is one of the most popular blow moulded barriers on the market, on the right you will see some examples of the barrier in use.

The Gate Barriers popularity may stem from its low cost versus high performance, despite being cost efficient it still maintains the standards required for a chapter 8 street-works barrier.

Gate Barriers At Warehouse In Worthing



Creating Pedestrian Walkway



Gate Barriers On Site

Gate Barrier Cornering Section Off



Compatible With The Vision Barrier



Gate Barrier Stacking

The diagrams on this page are a guide as to the safe packing / stacking procedure when loading Gate Barriers onto a trailer.

When loading the Gate Barrier, it is important to place the 40 barriers on a double pallet and then bind them together and for added security, apply shrink wrap around the Gate Barriers.

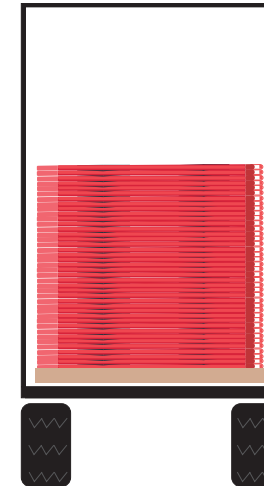
The barriers are then ready to be loaded on to the side of the articulated vehicle using mechanical lifting equipment.

1

Load from side



Stack as shown for trailer length



As viewed from trailer rear

2

Diagram below as viewed from trailer side



Diagram above demonstrates the correct loading formation when transporting a maximum load of 520 barriers.

Technical Details



Accessories

Please see below pictures of additional parts that are compatible with the Gate Barrier, the parts below can be an essential safety requirement when installing the Gate Barrier correctly.

COMPATIBLE COMPONENTS

1



Road Rock

2



Standard Barrier Foot

3



Anti-Trip Barrier Foot