



Vision Barrier

SPECIFICATION SHEET



Vision Barrier

The Vision Barrier can connect to either itself or other existing barriers using the various attachment methods on offer.

Reflective strips on the spindles allow increased visibility, The Chapter 8 barrier conforms to the requirements of BSEN8442 and the reflectivity requirements of BSEN12899.1.

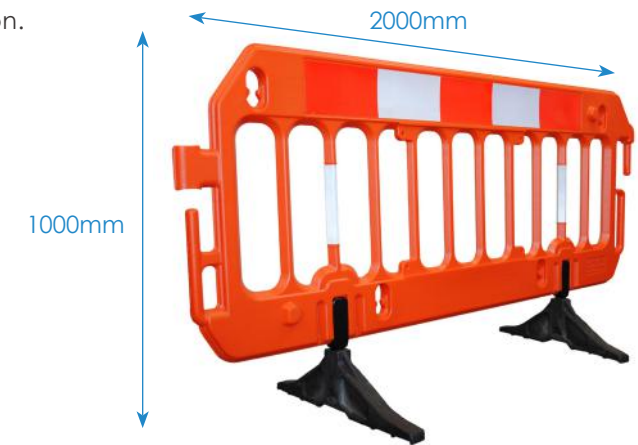
Vision Barrier Specifications:

Height:	1000 mm
Width:	2000 mm
Depth:	50 mm
Weight:	10.50kg Anti-Trip Foot
	11.20 kg Standard Foot
	14.50 kg Tuff-AT Foot
	14.90 kg Tuff Foot

All weights are approximate

Key Features

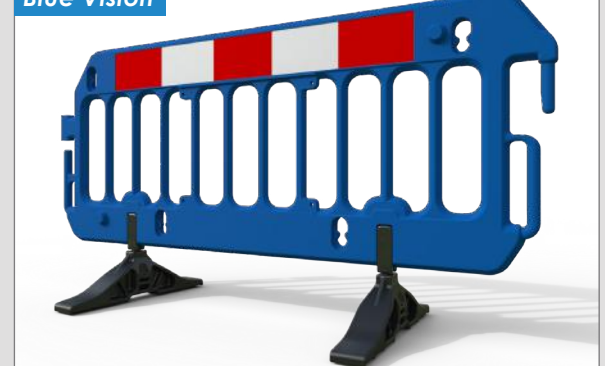
- Manufactured from virgin HDPE.
- 600 x 450 sign facility.
- Highly reflective sleeves (360°) on two vertical spindles for improved visibility.
- When combined with Cross-Trench Support, the stability is greatly improved.
- Extremely good resistance to high wind speeds.
- Customer identification may be embossed into barrier body.
- Q-Clip support for barrier to barrier connection.
- Hook & eye connection to other barriers.
- Compatible with Master & Gate barriers.
- Available in other colours upon request.



Cross-Trench



Blue Vision



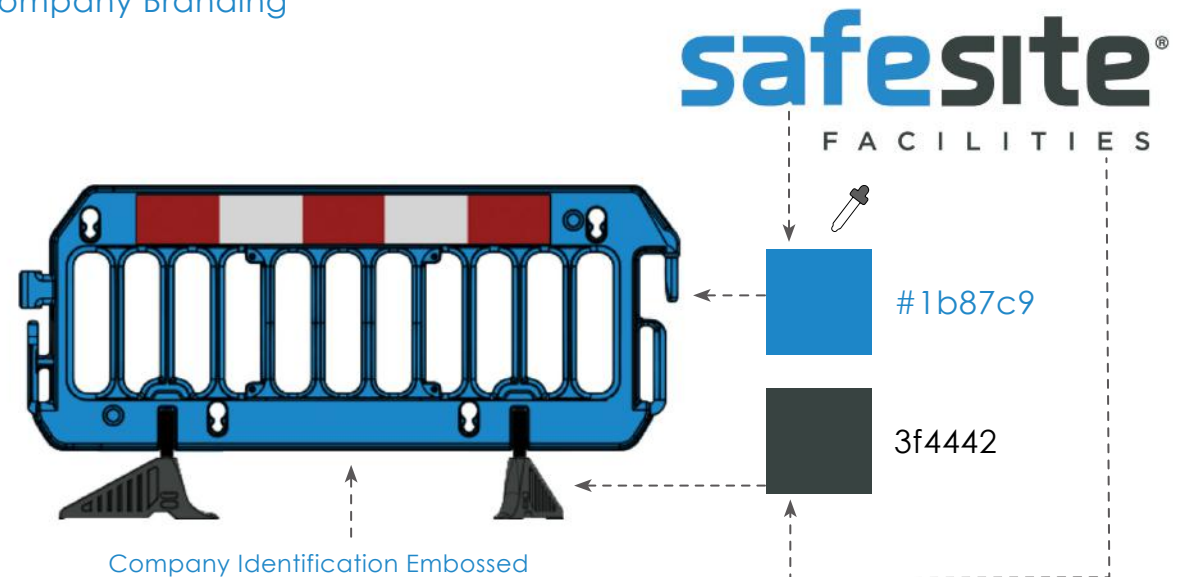
Vision Barrier Customisation

The Vision Barrier has the option to be customised, promoting your companies identification.

With orders of 200 barriers or more, we are able to offer the service to colourize the Vision Barrier to the pantone of your choice, which can further visualize your companies brand.

We can also offer logo embossing on the Vision Barrier, once the embossing plate your company identification can be added to the barrier.

Company Branding



Company Identification Embossed

Embossed Logo



Various Coloured Vision Barriers



Vision Barrier With Road Rock

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

The Rock's weigh 15kg each and only two are required per Vision 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 Vision Barrier to fit in, securing the barrier down preventing any sliding or falling.

Key Features

- Road Rock is 15kg 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 Vision Barrier



Handle Included For Lifting

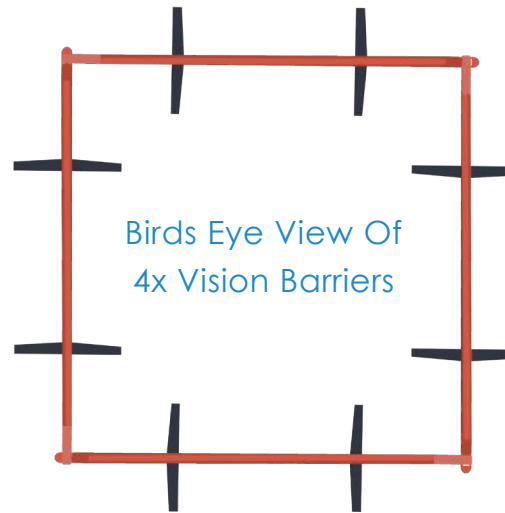


90° Degree Corner Layout

The Vision 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.

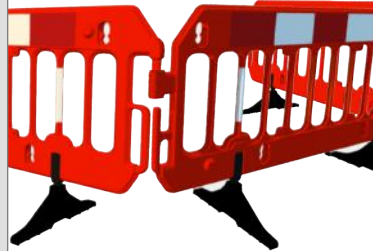
Birds Eye View Of
4x Vision Barriers



Boxed Formation



Create Box Formation



Pivot On Connection Pin



Navigate Corners At 90°



Vision Barrier Wind Loading

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

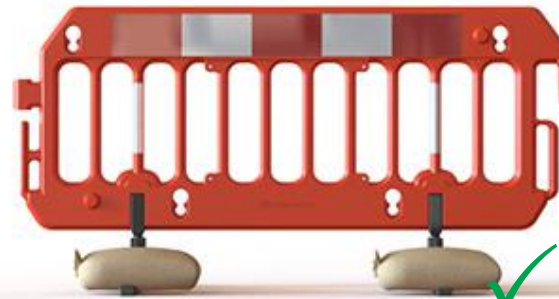
The standard BS 8442:2015 states the three classes as the following - Class A: 26.3 m/s (58 mph), Class B: 17.6 m/s (39 mph), Class C: 8.7 m/s (19 mph).

The Vision 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

44 mph

Wind speed withstood,
not to failure point.

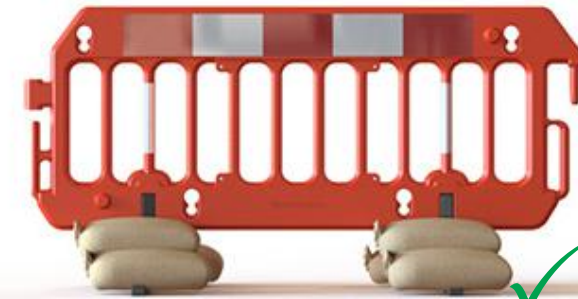


MIRA CLASS B - **PASSED**

2 90kg Ballast Weight

61 mph

Wind speed withstood,
not to failure point.



MIRA CLASS A - **PASSED**

3 Road Rock

44 mph

Wind speed withstood,
not to failure point.



MIRA CLASS B - **PASSED**

4 Boxed With Road Rock

63 mph

Wind speed withstood,
not to failure point.



MIRA CLASS A - **PASSED**

Vision Barrier In Action

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

The Vision Barriers assets come from its ability to withstand high wind speeds, especially when combined with the cross trench support. Its unique design, allows it to be compatible with numerous other barriers utilizing the Q-Clip support.

Blue And Orange Vision Barriers



Protection For Fresh Tarmac Being Laid



Vision Barriers On Site

Vision Barrier Cornering Section Off



Compatible With The Gate Barrier



Vision Barrier Stacking

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

When loading the Vision 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 Vision Barriers.

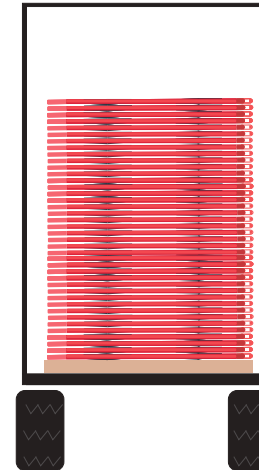
The barriers are then ready to be loaded on to the side of the articulated vehicle using mechanical lifting equipment.

1

Load from side



Stack as shown for trailer length



As viewed from trailer rear

2

Diagram below as viewed from trailer side

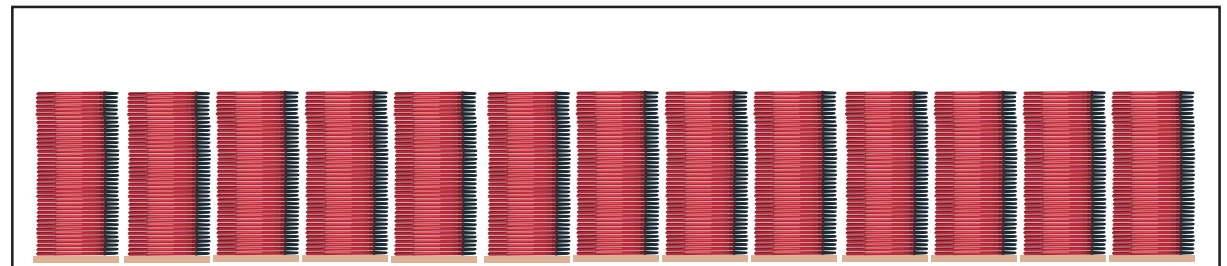
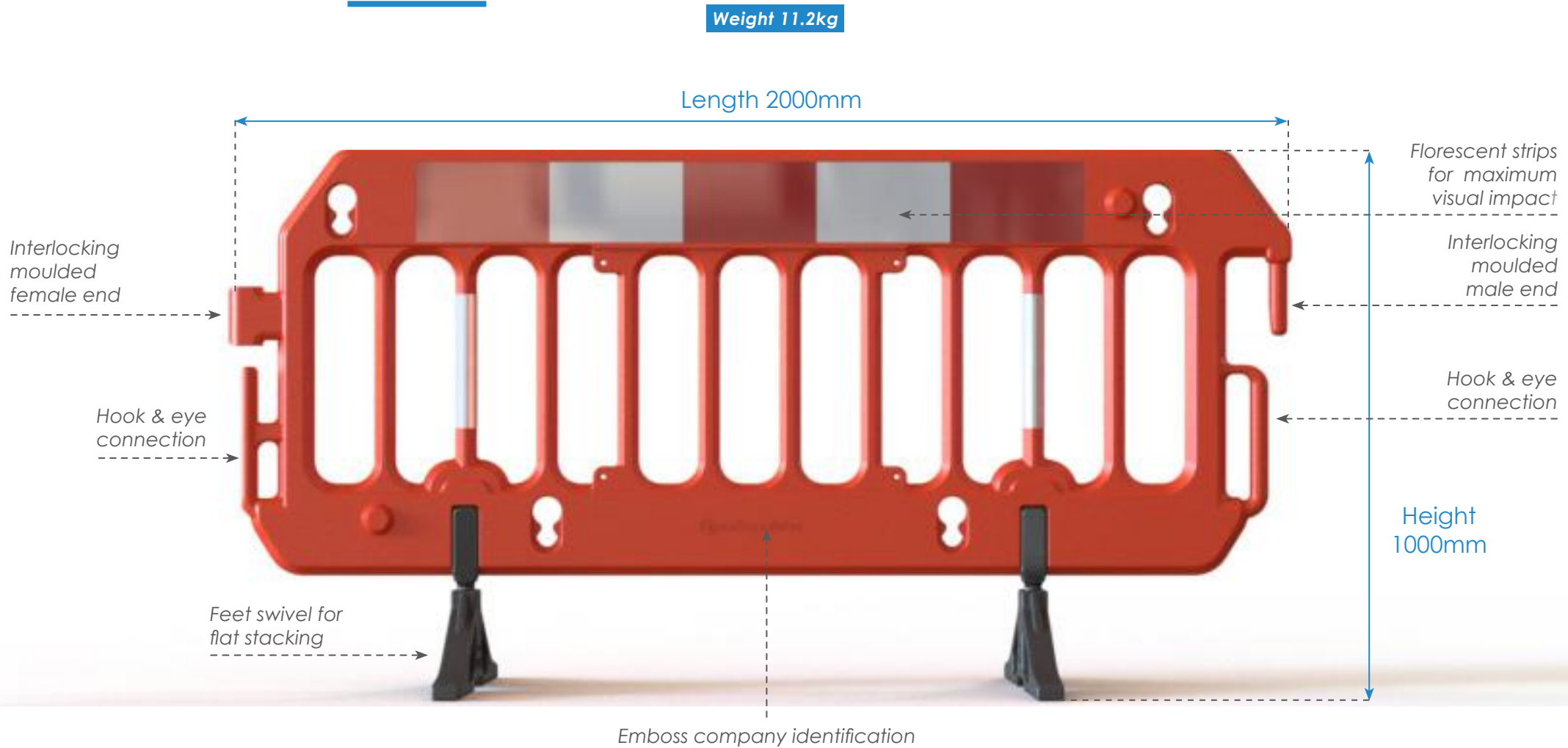


Diagram above demonstrates the correct loading formation when transporting a maximum load of 520 barriers.



Technical Details



Accessories

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

COMPATIBLE COMPONENTS

1 ROAD ROCK



2 STANDARD FOOT



3 ANTI-TRIP FOOT



4 TUFF FOOT



5 TUFF-AT FOOT



6 CROSS TRENCH SUPPORT

