

# SPECIFICATION SHEET

## GB2 Barrier

# SPECIFICATION SHEET

## Heavy Duty GB2 Barrier



### PRODUCT DESCRIPTION >

These popular water filled barriers provide ground coverage of 2m, ideal for crowd control and security in high-risk zones such as events, building sites and roads.

The design is easily visible, coming in red and white coloured units for maximum exposure. Available for hire or purchase, these water filled traffic barriers attach together with ease at both ends and are fully compatible with both hoarding and mesh panels.

Due to the ease at which these barriers stack together, 180m worth can be loaded together in a single delivery. Each GB2 barrier weighs 32 kg when empty, rising to a mighty 350 kg when filled with water. This provides an incredibly solid, near-immovable base for a continuous barrier run, including angled and curved layouts.

### GB2 BARRIER SPECIFICATION >

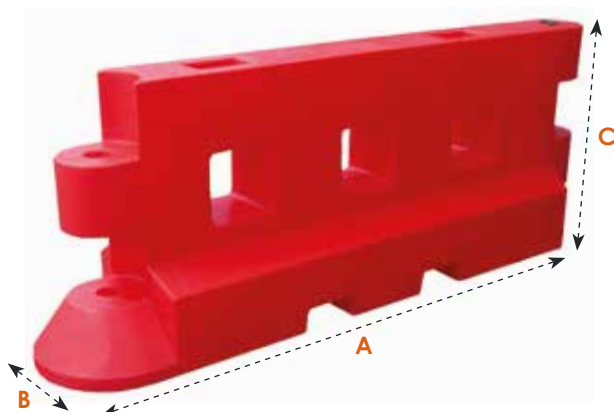
Length*	Height	Width	Weight Empty	Weight Full
2060mm	860mm	500mm	32kg	350kg

*Working Length, actual length is 2380mm\**

### KEY FEATURES >

- Easily deployed and handled by your own workforce
- 32kg when empty making manual installation easy
- Compatible with mesh and hoarding panels
- Fully stackable for transport and storage
- Ideal for construction sites and highways
- Vehicle and pedestrian gates available
- Suitable for low level containment
- Allows for angles and curves
- Delivery anywhere in the UK
- Highly visible for added safety

### GB2 BARRIER VISUAL APPEARANCE >



### DIMENSIONS >

**A. 2060mm (WORKING LENGTH), 2380mm (ACTUAL LENGTH) - B. 500mm - C. 860mm**

# SPECIFICATION SHEET

## GB2 Barrier Hoarding



### PRODUCT DESCRIPTION >

Site security is often a concern, especially for guarding against intruders and thieves.

This problem is eliminated with our GB2 Barrier Hoarding, designed to cope with wind gusts of up to 38 mph even at the maximum increased height of 2.3m (with hoarding or mesh panels attached.)

For extra security there is the option of an easy to install infill panel, which makes water filled the barriers significantly harder to climb over.

### GB2 BARRIER SPECIFICATION >

#### GB2 Hoarding Panel

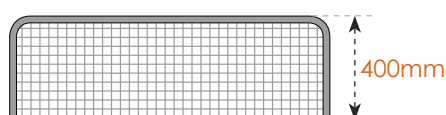
Length	Depth	Height	Weight
1790mm	40mm	1400mm	22kg

#### GB2 Infill Panel

Width	Depth	Height	Weight
280mm	35mm	1348mm	5kg

#### GB2 Mesh Fence Add On

Width	Thickness	Height	Weight
1790mm	38mm	400mm	8kg



Mesh fence add on also available

### KEY FEATURES >

- Lightweight for easy transporting and handling
- Increased height to 2.30m with hoarding panels
- Infill panels available for extra security
- Fit 25 per pallet
- Units link via vertical pins
- Non-permanent fixing
- Rapid installation
- Wind resistant up to 38mph
- Highly visible white colour
- Steel powder coated
- Hoarding poles weigh just 10.2 kg

### GB2 BARRIER VISUAL APPEARANCE >



Please note: Adding infill panels will change the wind loading capabilities

### DIMENSIONS > A. 2300mm

# SPECIFICATION SHEET

## GB2 Barrier Fencing



### PRODUCT DESCRIPTION >

Lightweight and transportable, this fencing is specially designed to complement our GB2 water filled barriers.

This includes non-permanent anti-climb fencing with easy handling and installation for another layer of security.

On construction sites where a view beyond the barriers is needed, the mesh fence is the perfect solution. It has been extensively tested to perform under high winds of up to 78 mph.

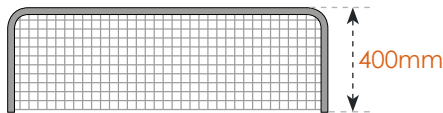
### GB2 BARRIER SPECIFICATION >

#### GB2 Fencing Panel Spec

Length	Depth	Height	Weight
1790mm	40mm	1400mm	8.5kg

#### GB2 Mesh Fence Add On Spec

Width	Thickness	Height	Weight
1790mm	38mm	400mm	8kg

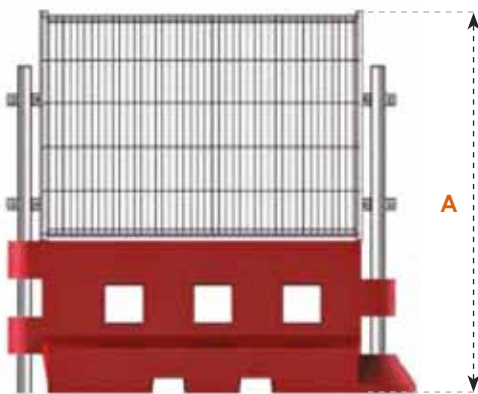


Mesh fence add on also available

### KEY FEATURES >

- Lightweight for easy transporting and handling
- Increased height to 2.30m with mesh panels
- Fit 25 per pallet
- Units link via vertical pins
- Non-permanent fixing
- Rapid installation
- Wind resistant up to 78mph
- Highly visible white colour
- Steel powder coated
- Fencing poles weigh just 10.2 kg

### GB2 BARRIER VISUAL APPEARANCE >



### DIMENSIONS > A. 2300mm

# SPECIFICATION SHEET

## GB2 Barrier Half Fencing & Half Hoarding



### PRODUCT DESCRIPTION >

In certain situations, such as the need for natural daylight to flow through while shielding the view of a messy site from the public, a half mesh / half hoarding panel is the way to go.

The highly visible and wind resistant panel, designed to fit over our water filled barriers, serves as one easy-to-install unit comprised of two separate elements: one half mesh at 400mm height and one hoarding panel at 1.4m height.

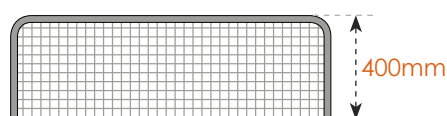
### GB2 BARRIER SPECIFICATION >

#### Fencing / Hoarding Panel Spec

Length	Depth	Height	Weight
1790mm	40mm	1400mm	19kg

#### GB2 Mesh Fence Add On Spec

Width	Thickness	Height	Weight
1790mm	38mm	400mm	8kg



Mesh fence add on also available

### KEY FEATURES >

- Lightweight for easy transporting and handling
- Increased height to 2.30m with mesh / hoarding panels
- Fit 25 per pallet
- Units link via vertical pins
- Non-permanent fixing
- Rapid installation
- Wind resistant up to 45mph
- Highly visible white colour
- Steel powder coated
- Fencing poles weigh just 10.2 kg

### GB2 BARRIER VISUAL APPEARANCE >



**DIMENSIONS >** A. 2300mm - B. 533mm - C. 843mm



# SPECIFICATION SHEET

## GB2 Barrier Vehicle Gate



### PRODUCT DESCRIPTION >

With the option of a solid or mesh gate, the GB2 Barrier Vehicle Gate allows for safe and controlled vehicle access to all manner of busy sites.

The gates reach a height of 2.07m, with three width options per gate: 2m, 2.5 and 3.5m. At the base are sturdy rubber feet for more stability, as well as two castors in the centre for easy access.

The vehicle gates are designed to connect easily to our standard GB2 water filled barriers, meaning you can add your access point anywhere around the perimeter of the site.

### GB2 BARRIER SPECIFICATION >

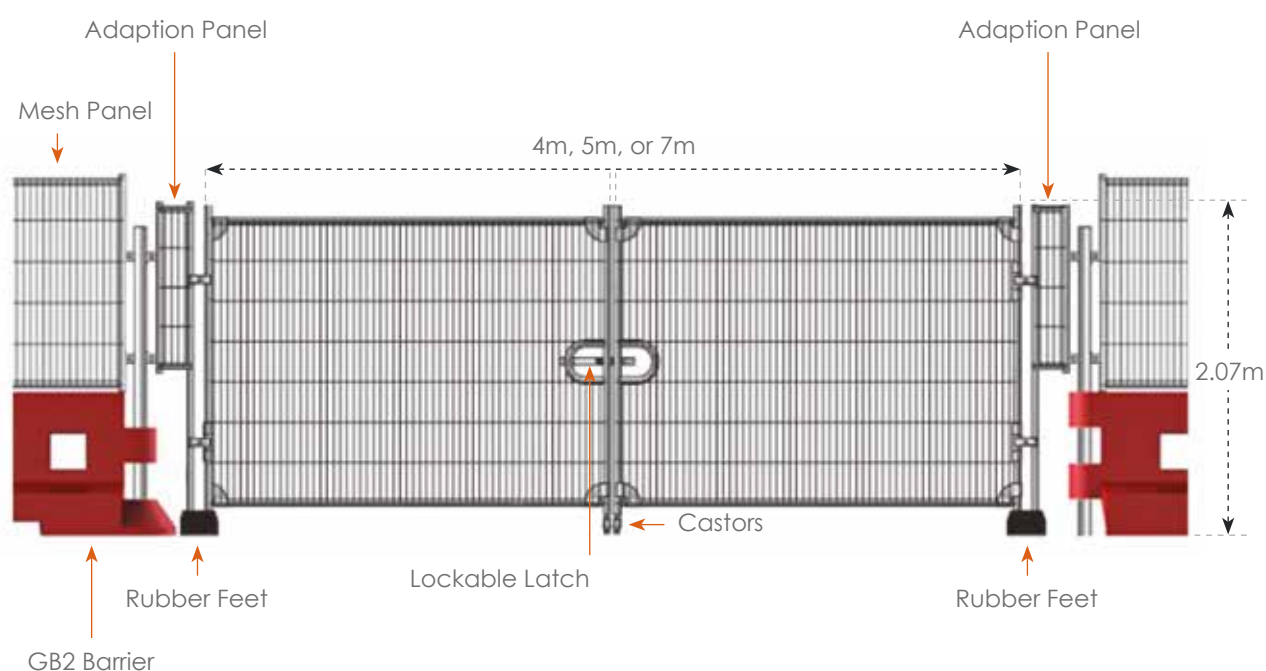
#### GB2 Vehicle Gate Solid & Mesh

Gates (M)	W = 2m / 2.5m / 3.5m x H = 2.07m
Adaption Panels	1 x 155mm W, 1 x 245mm W, 1360mm H
Rubber Feet	2 x 18kg
Barrier Ends	1 x GB2 End 1
	1 x GB2 End 2
Fill Panels	Optional Extras

### KEY FEATURES >

- Rubber block feet for added stability
- Nylon caster wheels for ease of opening
- Available sizes to span 4m, 5m or 7m widths
- Durable & strong
- Compatible with RB22 barriers
- Available as either mesh or hoarding
- Sliding latch

### GB2 BARRIER VISUAL APPEARANCE >



### DIMENSIONS >

# SPECIFICATION SHEET

## GB2 Barrier Pedestrian Gate



### PRODUCT DESCRIPTION >

Designed to connect seamlessly with our GB2 water filled barriers, our Pedestrian Gate - complete with sliding latch - offers safety and easy access at site entry points. Choose from either mesh or solid metal, depending on your requirements.

Highly useful in evacuations, as well as providing day-to-day security, the gate comes in either a framed or non-framed version. A non-framed gate generally poses fewer difficulties when bringing larger materials and equipment to site.

Designed for quick installation, the gate also boasts robust rubber feet for added stability.

### GB2 BARRIER SPECIFICATION >

#### GB2 Pedestrian Gate Solid & Mesh

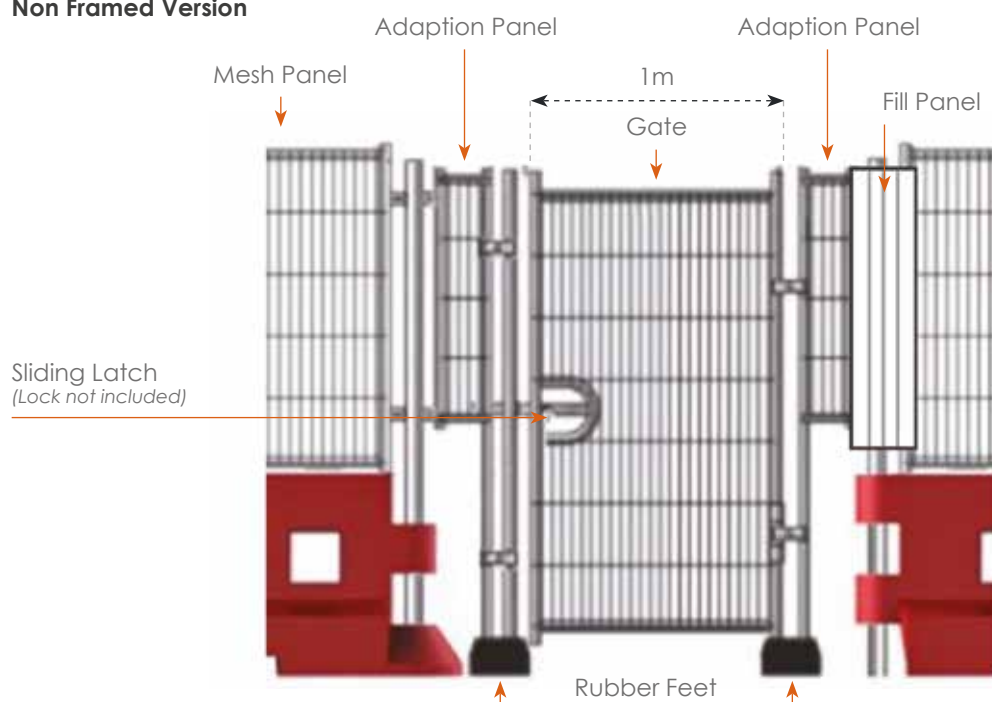
Gates (M)	W = 1 x H = 2.4m / Custom
Adaption Panels	1 x 155mm W, 1 x 245mm W, 1360mm H
Rubber Feet	2 x 18kg
Barrier Ends	1 x GB2 End 1
	1 x GB2 End 2
Fill Panels	Optional Extras

### KEY FEATURES >

- Rubber block feet for added stability
- Durable & strong
- Compatible with RB22 barriers
- Available as either mesh or hoarding
- Sliding latch

### GB2 BARRIER VISUAL APPEARANCE >

#### Non Framed Version



### DIMENSIONS >

# SPECIFICATION SHEET

## GB2 Barriers Corners & Angles



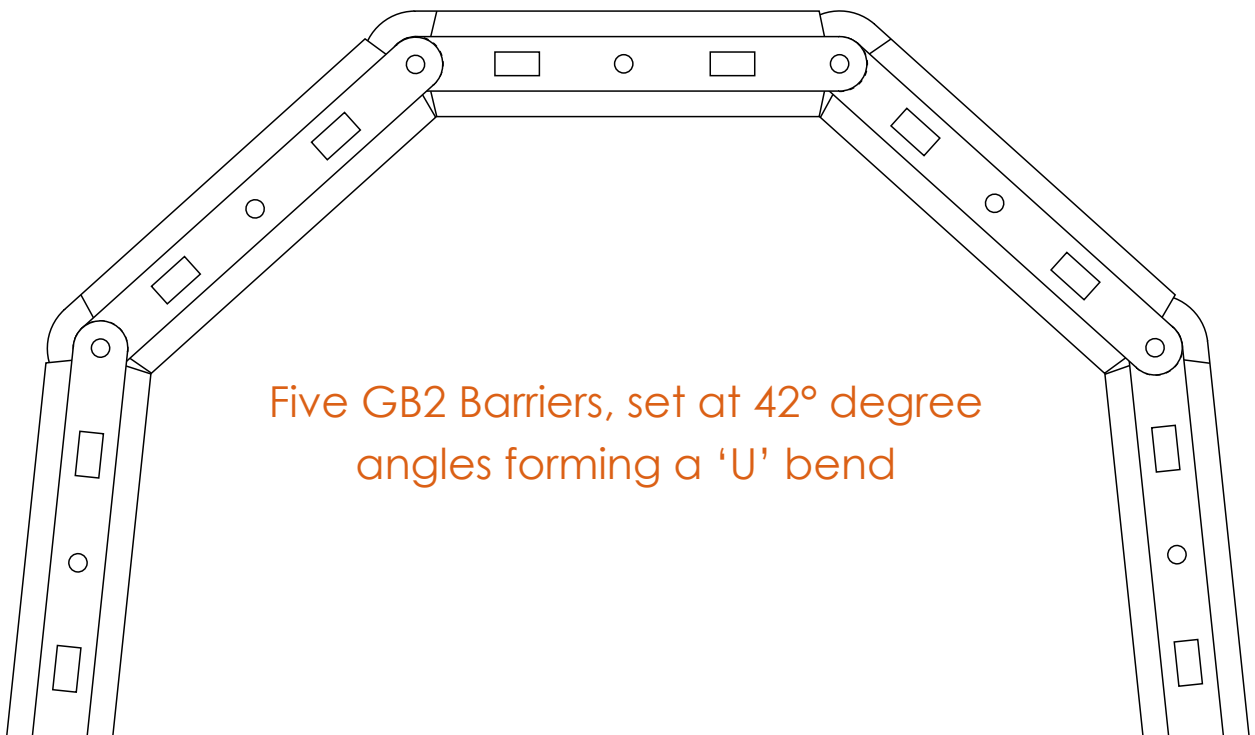
### PRODUCT DESCRIPTION >

One added benefit of GB2 water filled barriers is their flexibility in an extended barrier run. The moulded shape of each unit allows for a naturally curving perimeter.

The advantage of this is that specially curved water filled road barriers are not required, saving time during the installation process and allowing for tracks and boundaries with bends to be formed.

Five GB2 barriers positioned at 52 degree angles can combine to form a tight U-bend, revealing the flexibility of the design.

### GB2 BARRIER VISUAL APPEARANCE >



Five GB2 Barriers, set at 42° degree angles forming a 'U' bend



# SPECIFICATION SHEET

## GB2 Barrier Wind Loading



### PRODUCT DESCRIPTION >

Time and time again, GB2 water filled barriers have proven the most reliable option on the market as a base for panels, fencing, and more.

After extensive testing in the MIRA wind tunnel, the add-on panels were proven to withstand various high wind categories, including the highest: Class A at 78 mph.

The end result is a series of designs that perform better in windy conditions than other temporary hoarding or fencing.

### GB2 BARRIER WIND LOADING CAPABILITIES >

#### 1 GB2 Barrier Single Unit

**78 mph**

*Wind speed withstood,  
not to failure point.*



**MIRA** CLASS A - **PASSED**

#### 2 GB2 Barrier + Mesh Fence Panel

**78 mph**

*Wind speed withstood,  
not to failure point.*



**MIRA** CLASS A - **PASSED**

#### 3 GB2 Barrier + Half Hoarding, Half Mesh Panel

**45 mph**

*Wind speed withstood,  
not to failure point.*

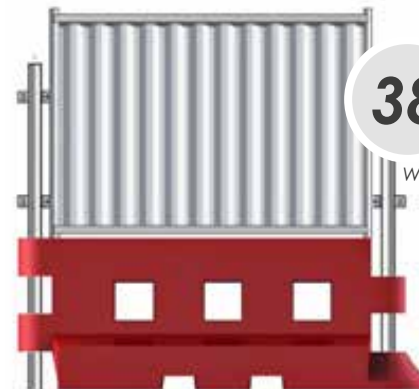


**MIRA** CLASS B - **PASSED**

#### 4 GB2 Barrier + Hoarding Panel

**38 mph**

*Wind speed withstood,  
not to failure point.*



**MIRA** CLASS C - **PASSED**

# SPECIFICATION SHEET

## GB2 Barriers In Action



### PRODUCT DESCRIPTION >

Our GB2 water filled barriers are a remarkably versatile solution for all manner of outdoor events and site locations.

Whether forming road perimeters, guarding large construction sites or providing safe pedestrian access, there is always a use for GB2 barriers.

Made from UV stabilised prime polythene, the easily bended barrier runs are ideal for track racing events, which often have tight twists and turns as part of the layout.

The possibilities extend further when combined with add-ons such as anti-climb fences, metal hoardings, and more. These combined units are fully tested in MIRA wind tunnels to be able to withstand high winds.

### GB2 BARRIER IN ACTION >



# SPECIFICATION SHEET

## GB2 Barriers Stacking & Packing



### PRODUCT DESCRIPTION >

A core feature of all our GB2 water filled barriers and add-ons is the ease and efficiency of stacking and packing.

This speeds up the whole process, from delivery and unloading to installation and packing away. Without water, each 2m barrier unit weighs a mere 32kg, but grows to a hefty 350kg when fully filled.

Barriers can be easily bundled into groups of three, five or more and quickly stowed in the back of a heavy goods vehicle. A curtain-side arctic trailer can safely hold a maximum of 90 GB2 barriers, and the proportions of each unit makes them easy to stack.

### GB2 BARRIER HOW TO PACK & STACK >

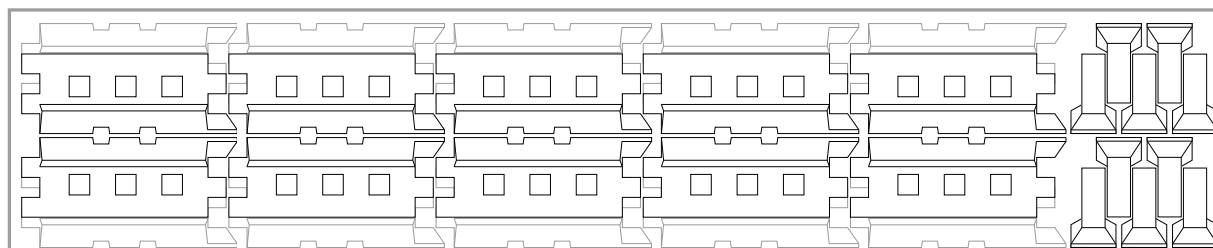
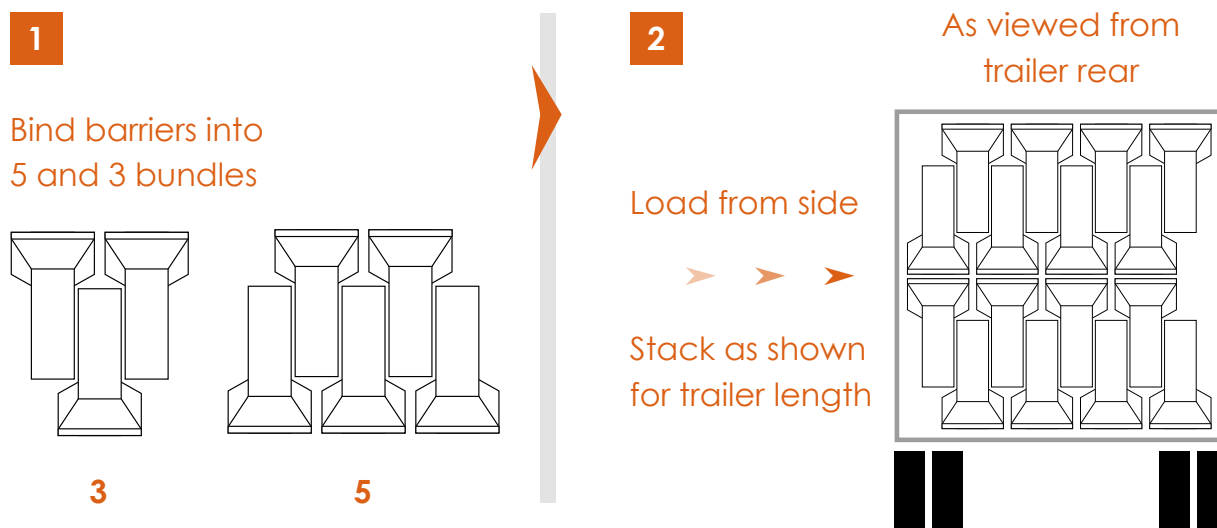


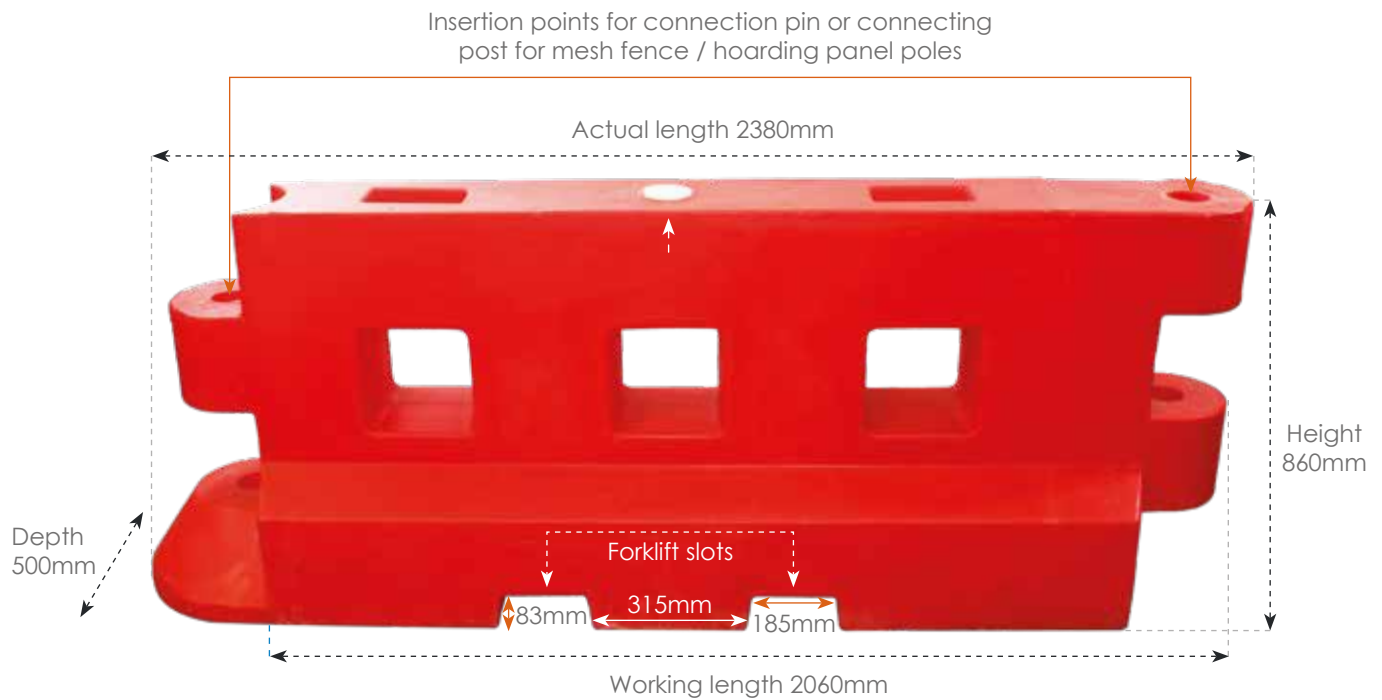
Diagram above demonstrates the correct loading formation when transporting a maximum load of 90 barriers, onto a 13.4m (L) x 2.4m (W) curtain sided arctic trailer.



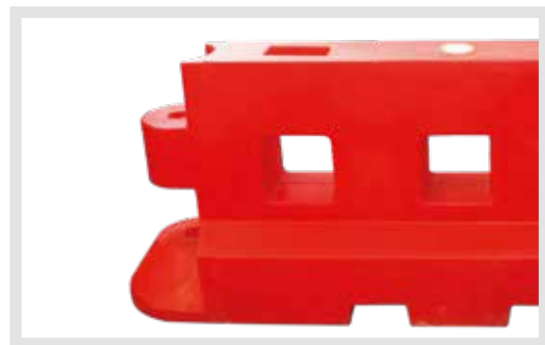
# SPECIFICATION SHEET

## GB2 Technical Overview

### TECHNICAL DETAILS >



GB2 Female Connection End



GB2 Male Connection End



GB2 Connection  
Pin Insertion



Hole for water filling  
95mm radius

# SPECIFICATION SHEET

## GB2 Installation Parts



### PARTS NEEDED TO INSTALL >

Please see below pictures and quantities of additional parts you will receive with each GB2 Barrier, the parts below are an essential safety requirement when installing the GB2 correctly.

#### Standard Barrier Parts

#### Only Required If Installing A Fence Or Hoarding Panel



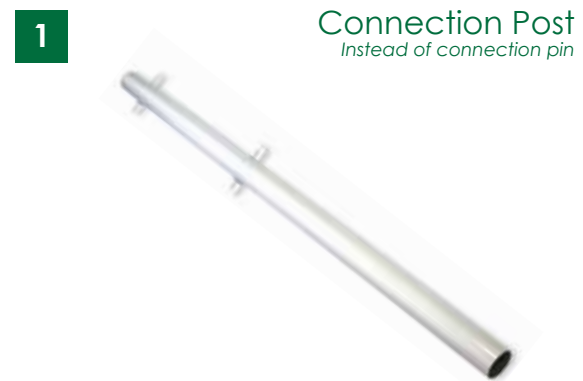
Qty 1: Connection pin.



Qty 1: 28 x 20mm drainage plug per barrier.



Qty 2: Metal drainage plug key.



Qty 2: Fencing / hoarding connection posts for connecting one panel unit.



Qty 4: M10 x 40mm bolts & 8 washers for securing one panel unit.



Qty 1: Fence or hoarding panel per barrier with fixings listed.