

# SPECIFICATION SHEET

## Bison Barrier

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### PRODUCT DESCRIPTION >

The Bison Barrier is a 1m x 2m water filled unit for delineation of traffic around sites.

Weighing 400kg when full, the barrier can withstand wind speeds up to 75mph. The unique interlocking design allows the barrier to pivot to 90°, which shows the Bison stands up impressively against its competition.

### BISON BARRIER SPECIFICATION >

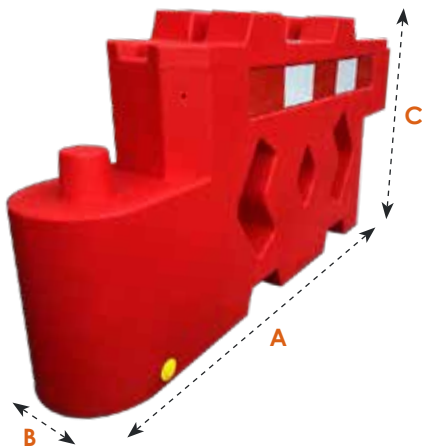
Length*	Height	Width	Weight Empty	Weight Full
2000mm	1000mm	400mm	35kg	400kg

*Working Length\**

### KEY FEATURES >

- Chapter 8 compliant strip as standard
- Solid hoarding, or mesh fence panel can be added
- Can rotate 90 degrees
- Fill capacity 400 litres
- Easy to stack
- Overflow hole
- Fully recyclable
- Available in corporate colours
- Extremely robust

### BISON BARRIER VISUAL APPEARANCE >



### DIMENSIONS >

**A. 2000mm** (WORKING LENGTH), **2340mm** (ACTUAL LENGTH) - **B. 400mm** - **C. 1000mm**

# SPECIFICATION SHEET

## Bison Barrier With Fence



### PRODUCT DESCRIPTION >

The Bison is much more than just a stand alone water filled barrier, it also allows integration of a 1 metre high anti-climb mesh fence.

Accompanied by the fact the Bison can rotate up-to 90 degrees, securing a private site perimeter can easily be achieved without the need to order any additional parts.

### BISON FENCE SPECIFICATION >

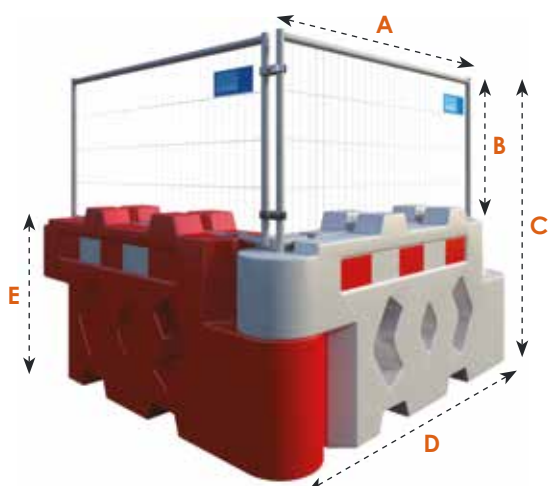
#### Bison Fence Panel

Length	Depth	Height	Weight
1930mm	35mm	1067mm	8.5kg

### KEY FEATURES >

- ✦ Anti-climb mesh fence
- ✦ Extends overall height to 2m
- ✦ Quick and easy installation
- ✦ Non permanent fixing
- ✦ Promotional panels can be added
- ✦ Steel powder coated
- ✦ Can take standard gates
- ✦ MIRA wind tested

### BISON BARRIER WITH FENCE VISUAL APPEARANCE >



**DIMENSIONS >** A. 1930mm - B. 1067 - C. 2070 - D. 2340mm - E. 1000mm

# SPECIFICATION SHEET

## Bison Barrier With Hoarding



### PRODUCT DESCRIPTION >

When privacy is a must for your site the Bison Barrier can be swiftly transformed with the addition of slot in hoarding panels.

The panels are quick and easy to install, and can also be used to display promotional banners. Livery options are also available.

### BISON BARRIER SPECIFICATION >

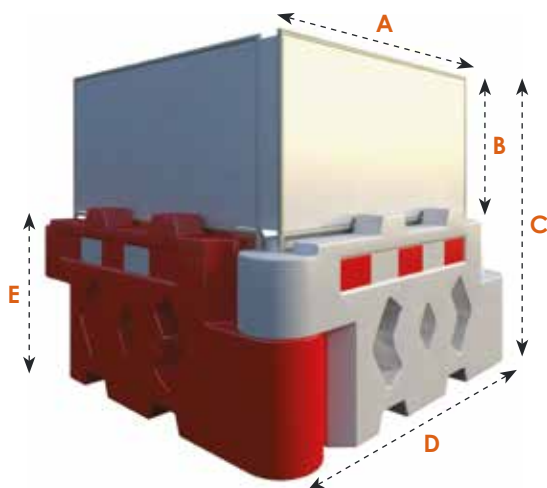
#### Bison Hoarding Panel

Length	Depth	Height	Weight
1930mm	35mm	1067mm	17kg

### KEY FEATURES >

- Anti-climb mesh fence
- Extends overall height to 2m
- Quick and easy installation
- Non permanent fixing
- Promotional panels can be added
- Steel powder coated
- Can take standard gates
- Livery option available

### BISON BARRIER WITH FENCE VISUAL APPEARANCE >



**DIMENSIONS >** A. 1930mm - B. 1067 - C. 2070 - D. 2340mm - E. 1000mm

# SPECIFICATION SHEET

## Bison Barrier Vehicle Gate



### PRODUCT DESCRIPTION >

Vehicular access is a common requirement for most sites, something the Bison barrier can facilitate when used with a hoarding or mesh panel atop.

The vehicle gate add-on is made with galvanised steel, which ensures the panels do not rapidly decay in outdoor conditions. They have been designed to be extremely durable and easy to use.

The gates are fixed to the Bison barrier using heavy duty couplers and are placed in 18kg thermoplastic rubber feet for extra stability.

### VEHICLE GATE SPECIFICATION >

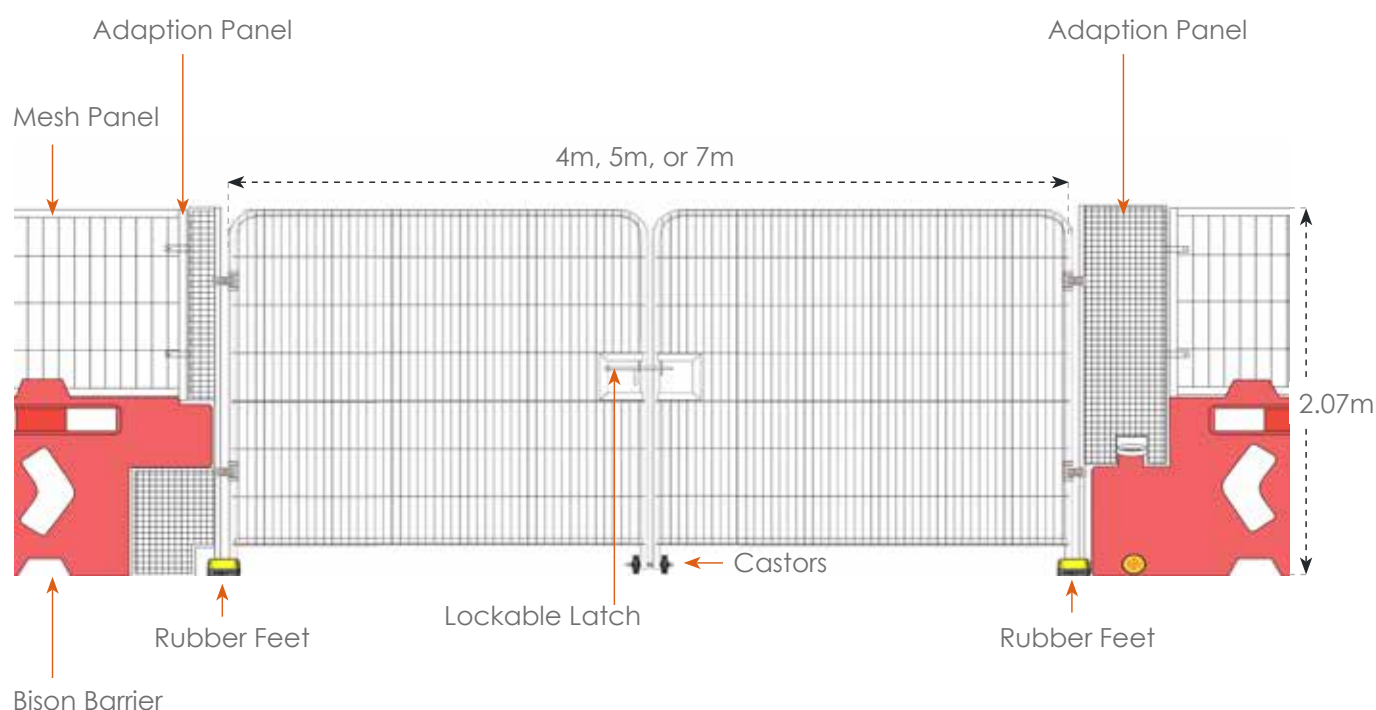
#### Bison Vehicle Gate Solid & Mesh

Gates (M)	W = 2m / 2.5m / 3.5m x H = 2.07m
Flag Panel (L)	1 x 460mm W, 2000mm
Flag Panel (R)	1 x 460mm W, 2000mm
Rubber Feet	2 x 18kg
Fill Panels	Optional Extras

### KEY FEATURES >

- ▀ Gates are also compatible with RB22 & GB2 barriers
- ▀ Sturdy rubber block feet for extra stability
- ▀ Option of both mesh and hoarding vehicle gates
- ▀ Durable, strong and easy to install
- ▀ Sliding latch for extra security
- ▀ 100mm nylon caster wheels

### BISON BARRIER VEHICLE GATE VISUAL APPEARANCE >



# SPECIFICATION SHEET

## Bison Pedestrian Gate



### PRODUCT DESCRIPTION >

Pedestrian access and safety on site is a priority, when segregation is required the pedestrian access gate provides a solution for security and evacuation.

Manufactured with galvanised steel providing protection from decay in outdoor weather conditions. The pedestrian gates simple design and installation process makes it very efficient to deploy. The gates are fixed to the Bison Barrier using heavy duty couplers and are then placed in 18kg rubber feet for added stability, creating viable and safe access.

### GATE SPECIFICATION >

#### Bison Pedestrian Gate Solid & Mesh

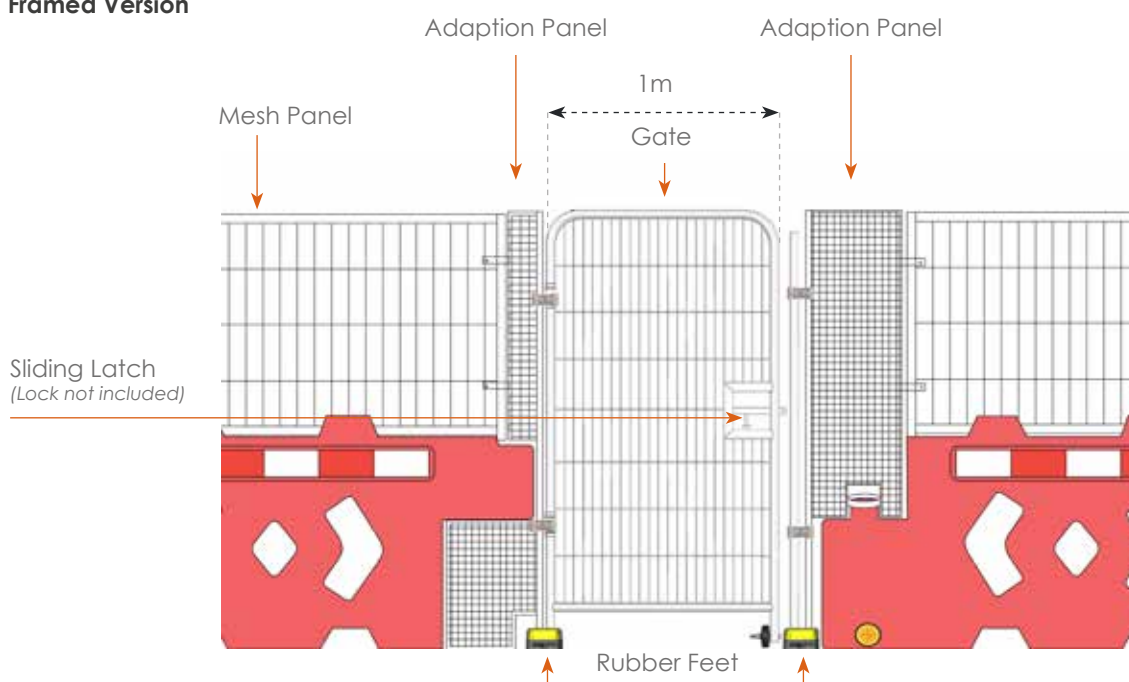
Gates (M)	W = 1 x H = 2.4m / Custom
Flag Panel (L)	1 x 460mm W, 2000mm
Flag Panel (R)	1 x 460mm W, 2000mm
Rubber Feet	18kg
Fill Panel	Optional Extras

### KEY FEATURES >

- Gates are also compatible with RB22 & GB2 barriers
- Sturdy rubber block feet for extra stability
- Option of both mesh and hoarding pedestrian gates
- Durable, strong and easy to install
- Sliding latch for extra security
- 100mm nylon caster wheels

### BISON BARRIER PEDESTRIAN GATE VISUAL APPEARANCE >

#### Non Framed Version





# SPECIFICATION SHEET

## 90° Degree Corner Layout



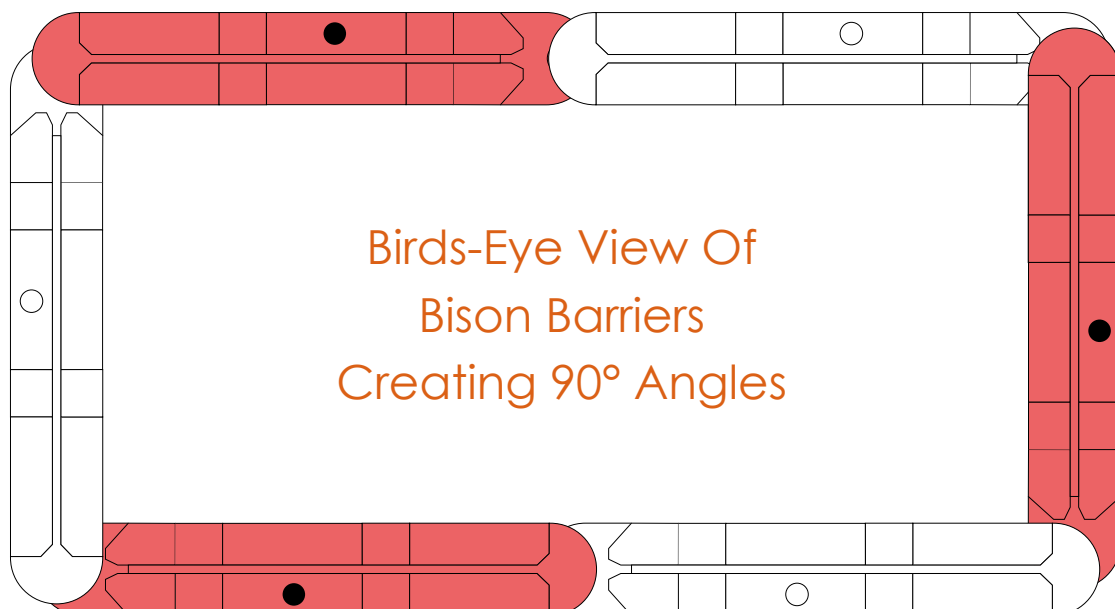
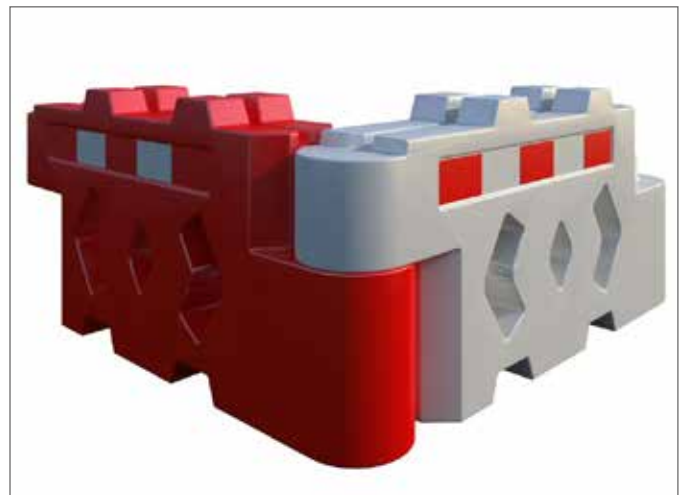
### PRODUCT DESCRIPTION >

The Bison is an extremely versatile barrier, it has a unique design feature which allows it to be easily positioned to navigate corners and 90° angles.

The Bison Barrier is one of the best on the market when it comes to covering corners and 90° angles. Where its competition requires additional attachments to form angles and curved lines, the Bisons special design allows for this.

It's easy to manoeuvre into position while empty, yet once filled provides a substantial traffic safety solution.

### BISON BARRIER 90° DEGREE CORNER VISUAL APPEARANCE >



# SPECIFICATION SHEET

## Bison Barrier Wind Loading



### PRODUCT DESCRIPTION >

The Bison Barrier has been rigorously tested within the MIRA wind tunnel, and achieved multiple Class A passes.

With the water filled Bison barrier beneath acting as a solid footing, the various accessory panels are capable of withstanding a much greater wind resistance compared to most stand alone temporary fencing or hoarding solutions.

Please see to the right the MIRA Class passes and wind resistance speeds achieved for each of the panels displayed.

### BISON BARRIER WIND LOADING CAPABILITIES >

#### 1 Bison Barrier Single Unit



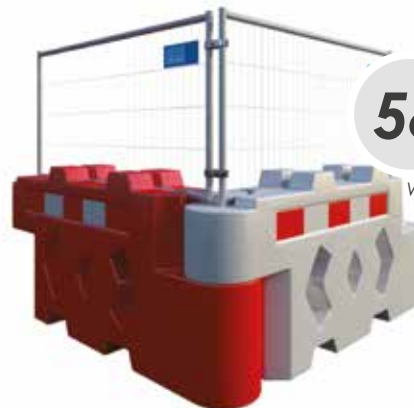
**75 mph**

*Wind speed withstood,  
not to failure point.*

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



#### 2 Bison Barrier + Mesh Fence Panel



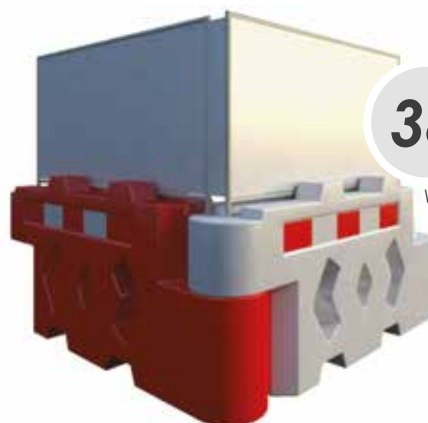
**58 mph**

*Wind speed withstood,  
not to failure point.*

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



#### 3 Bison Barrier + Hoarding Panel



**38 mph**

*Wind speed withstood,  
not to failure point.*

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





# SPECIFICATION SHEET

## Bison Barriers In Action



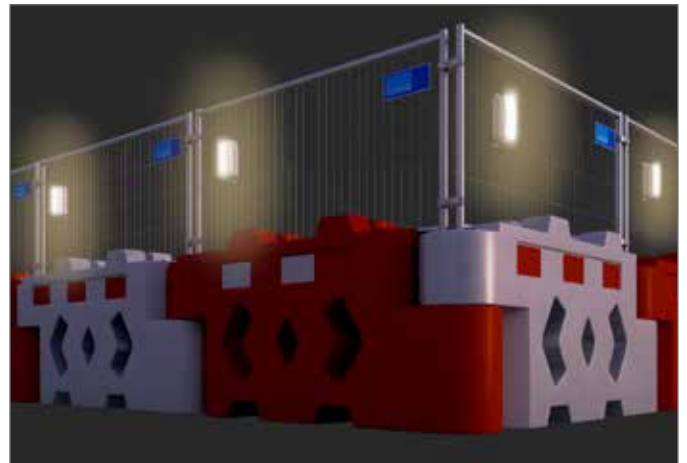
### PRODUCT DESCRIPTION >

The images to the right clearly show the versatility of the Bison barrier.

The Bison barriers are extremely easy to stack, due to the bottom forklift slots doubling up as interlocking grooves when vertically aligned with neighbouring barriers.

Once unloaded the Bison barriers can be quickly deployed to form continuous lines or 90° degree angle bays. Once filled with water and if accompanied with solid hoarding panel the complete Bison unit can provide an extremely robust perimeter to your site.

### BISON BARRIER IN ACTION >

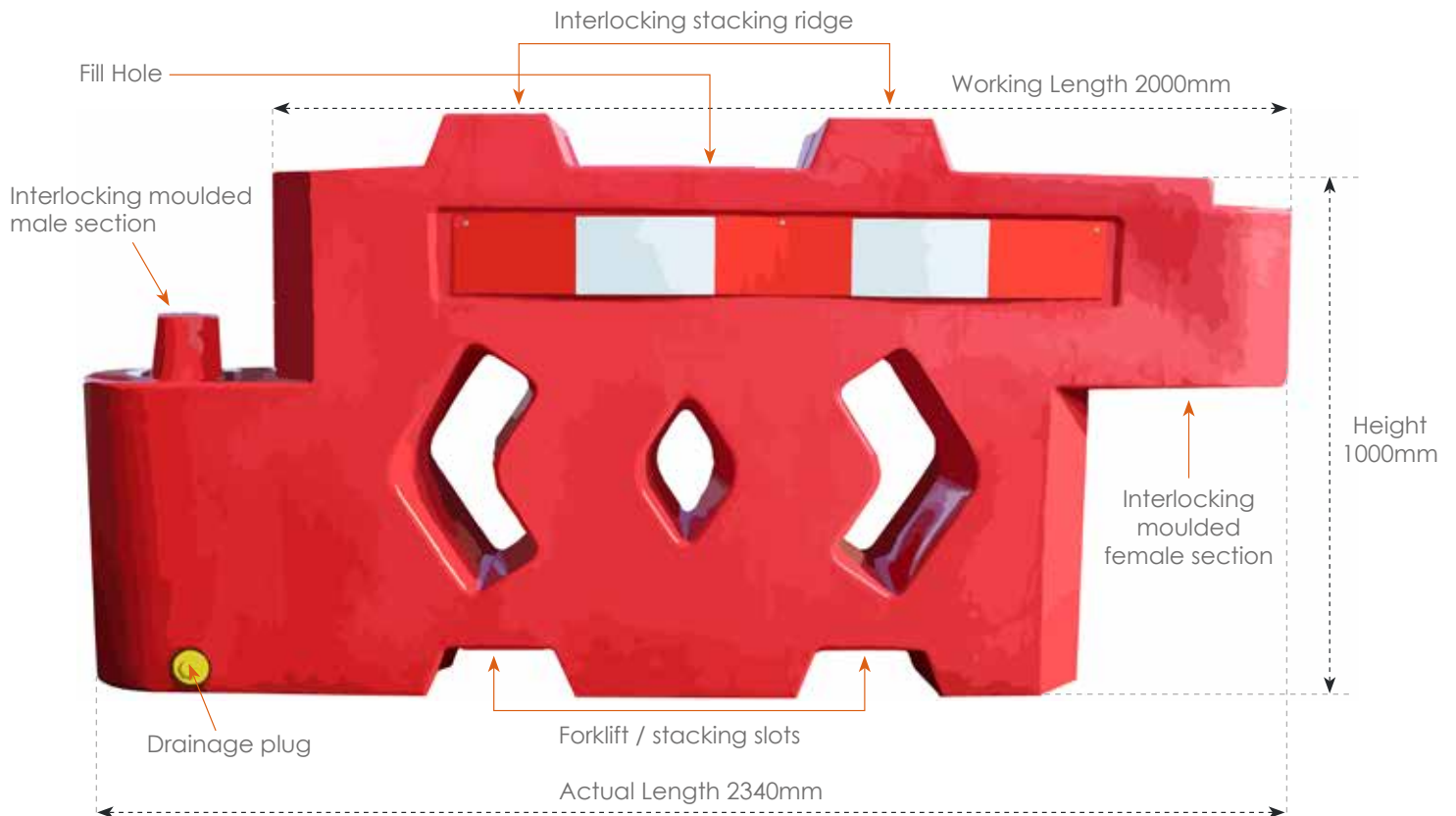


# SPECIFICATION SHEET

## Bison Barrier Technical Overview



### TECHNICAL DETAILS >



Bison Barrier With Pedestrian Barrier



Bison Barriers Form Curve



Interlocking Bison Barriers Are Easy To Stack



Bison Barrier With Vehicle Barrier