



MASS

MULTI APPLICATIONAL SAFETY SYSTEM

BARRIERS



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AVAILABLE TO
HIRE



MASS BARRIERS

The MASS Barrier is a steel base unit providing the foundations for five top sections designed to suit different site specifications.

MASS can be used in a range of sectors including aviation, nuclear, and construction, and has been used effectively in urban areas to segregate pedestrians and protect against traffic. With a brilliant record in city centre vehicle/ pedestrian segregation and protection scenarios.



/// SentriGate

NEW!

The best portable, solar powered, traffic control solution on the market today.

The SentriGate is the ultimate solution for those looking for a mobile traffic control solution. Inspired by the need for a product that could be set up in minutes, by a single person in areas with no access to electricity.

Requiring no machinery for assembly at all, the SentriGate can be wheeled to any location, rain or shine and be functional instantly.

Coming with an included wireless remote, the gate (or multiple connected to one controller) can be operated from within security sheds, vehicle cabs or simply from a distance of up to 150m away. Perfect for managing site access, traffic control and isolating temporarily hazardous areas.



BUILT IN
ACCESS CONTROL

/// SentriGate



SOLAR POWERED
No other power needed

CHAPTER 8 COMPLIANT
High Visibility Markings

BATTERY BACKUP
5,000 gate operations without any sunlight

REMOTE CONTROLLED
150m Range

SOLAR POWERED

No plugging in. No power outlets. No Cables.

Designed to function all year round even with minimal sunlight. Including a back up battery that comes pre-installed, SentiGate can function without sunlight and can open and close its arms over **5,000** times before needing to be recharged via solar power or mains electricity.

REMOTE KEY FOBS

Open & Close the SentiGate from up to **150m** away.

Operate the SentiGate from inside Buildings, Cabs & vehicles.

Pair multiple gates to one receiver, allowing for simple unified gate operation.

Long lasting battery life.

MASS COMPATIBLE

Directly secure the SentiGate to the Mass Barriers.

The SentiGate is built with ease of use in mind, which is why the traffic control solution fits quickly and securely to the base of our Mass barrier products.

Just like the Mass barrier, the SentiGate requires no machinery for installation, giving you full creativity and flexibility with your site requirements.

MASS BARRIER

The hot dip galvanised and powder coated steel units are quick and easy to assemble due to unique plug-in sections. The swift installation process ensures maximum protection quickly with a minimum impact to traffic-flow.

MASS is specially designed to self-stabilise when an errant vehicle drives onto the base units of the system, helping to protect the workforce and vehicle occupants.

The high visibility base units are not fixed to the road, with an anchorage consisting of a steel buffer filled with sandbags at the terminal sections only.

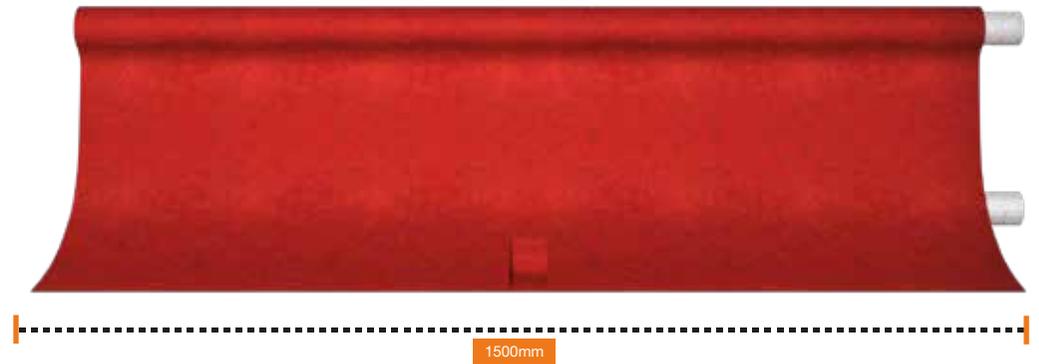
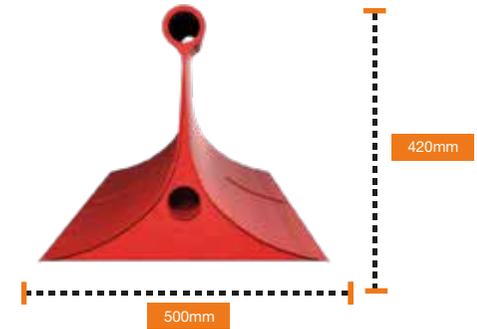
For systems not requiring EN1317 level protection, no coring or drilling into the road is necessary, meaning installation can be quickly achieved with minimal tools and a team consisting of only four operatives or more.

All our MASS products are offered as rental or purchase.

Length	Width	Height	Weight
1500mm	500mm	420mm	60KG

Key Benefits:

- Anti-vandalism design
- Accommodates 90° bends
- Wind resistant
- High visibility
- Anti-climb fencing
- Simple assembly



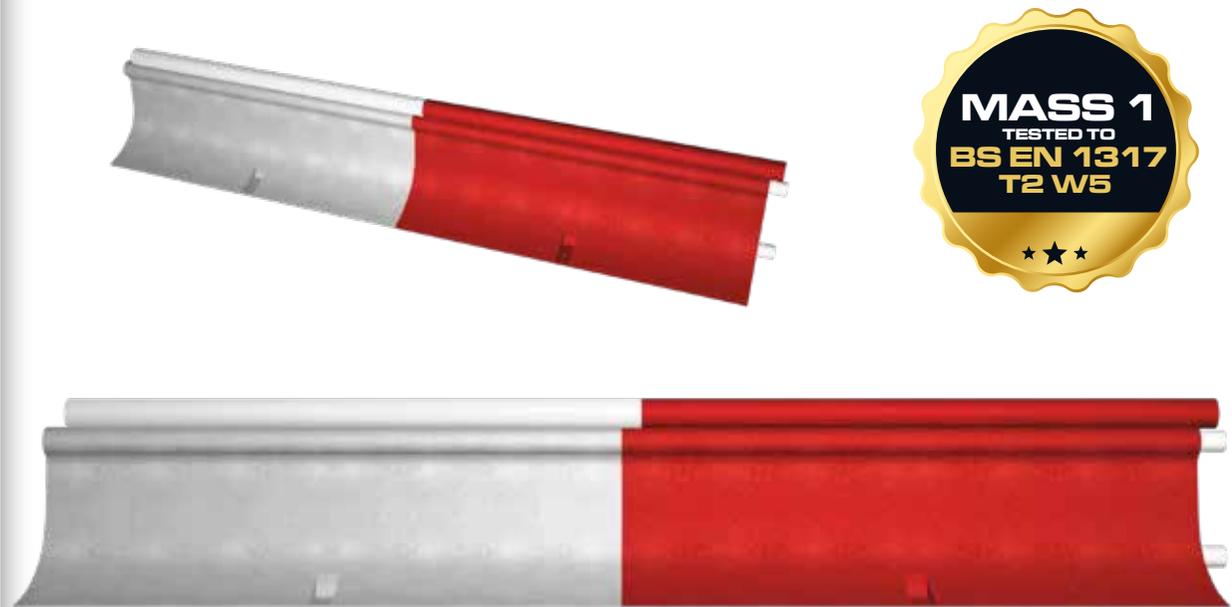
MASS BARRIER MASS 1

MASS 1 is a high visibility safety solution; the connected top attachment further secures and strengthens the integrity of the MASS barriers.

It is the core of the system and its versatility allows it to be used in many applications throughout Europe.

MASS 1 has been fully tested to T2 W5 providing protection to workforce, vehicle occupants, as well as pedestrians.

Length	Width	Height	Overall Height
1500mm	500mm	420mm	500mm



MASS BARRIER PEDESTRIAN GUARD

This is a low-level fence addition which provides a simple solution to improve pedestrian safety.

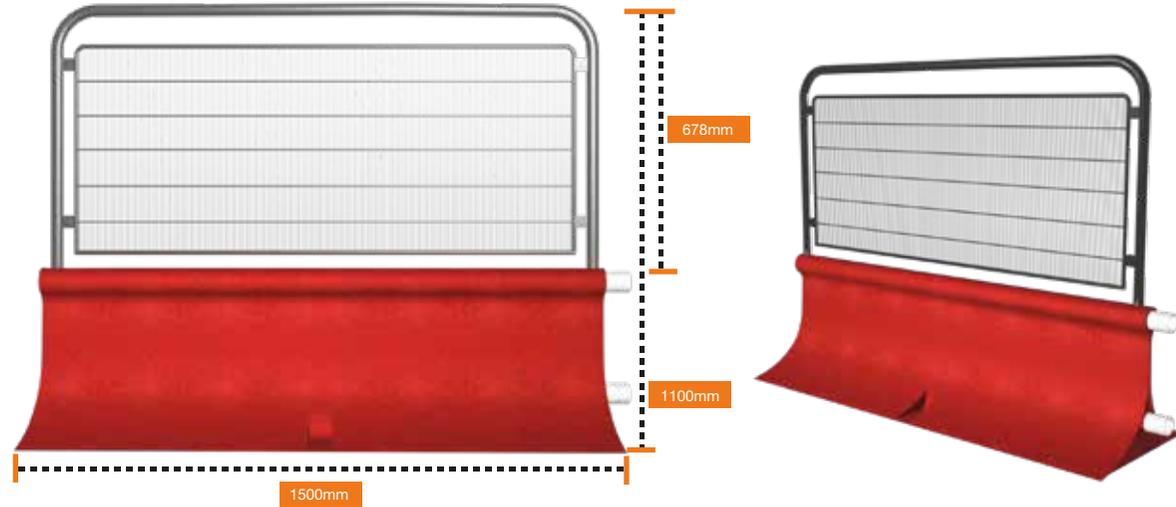
Simply slotting into place, the pedestrian guards are quick and easy to install, replace or swap out for a different top section.

Custom made branded versions of the top guard section are available, for marketing, promotional and aesthetic purposes.

Pedestrian Guard provides protection for the workforce and all road users, as well as pedestrians. It is also the perfect solution for pedestrian and traffic flow, as well as crowd management.

MASS Pedestrian Guard Specifications

Length	Width	Height	Overall Height
1500mm	25mm	678mm	1100mm



Custom Panels Available



Pedestrian Guard In Action

MASS BARRIER VISIRAIL

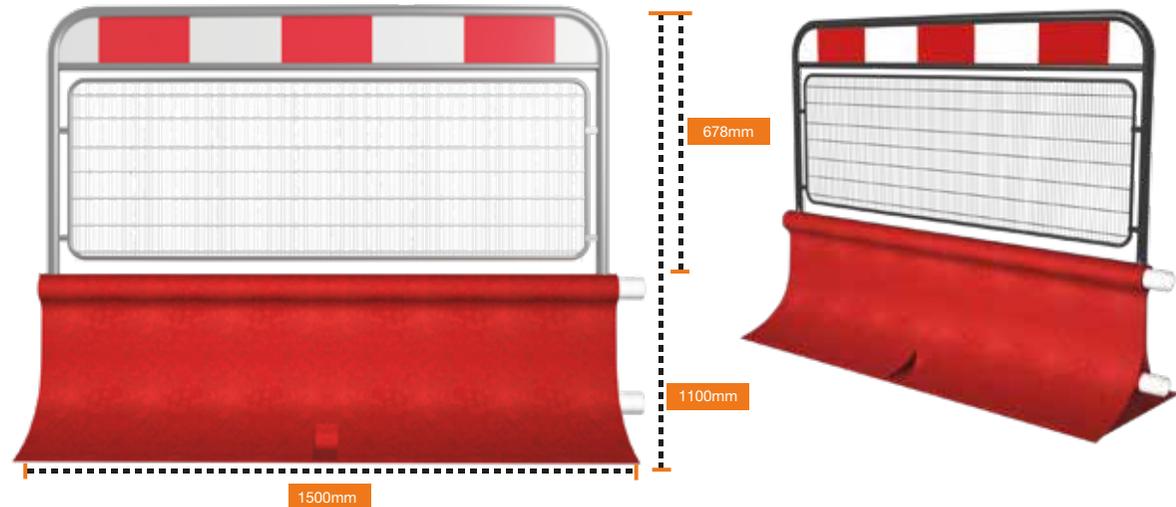
This is a high visibility pedestrian rail that combines the benefits of Pedestrian Guard with a high visibility steel security rail.

The MASS Visirail consists of galvanised steel and is fully compliant with Chapter 8 of the 'Traffic Signs Manual'.

Custom-made branded versions of the top guard section are available for marketing, promotional and aesthetic purposes.

MASS Visirail Specifications

Length	Width	Height	Overall Height
1500mm	25mm	678mm	1100mm



The Visirail



Chapter 8 Compliant

MASS BARRIER SITEGUARD

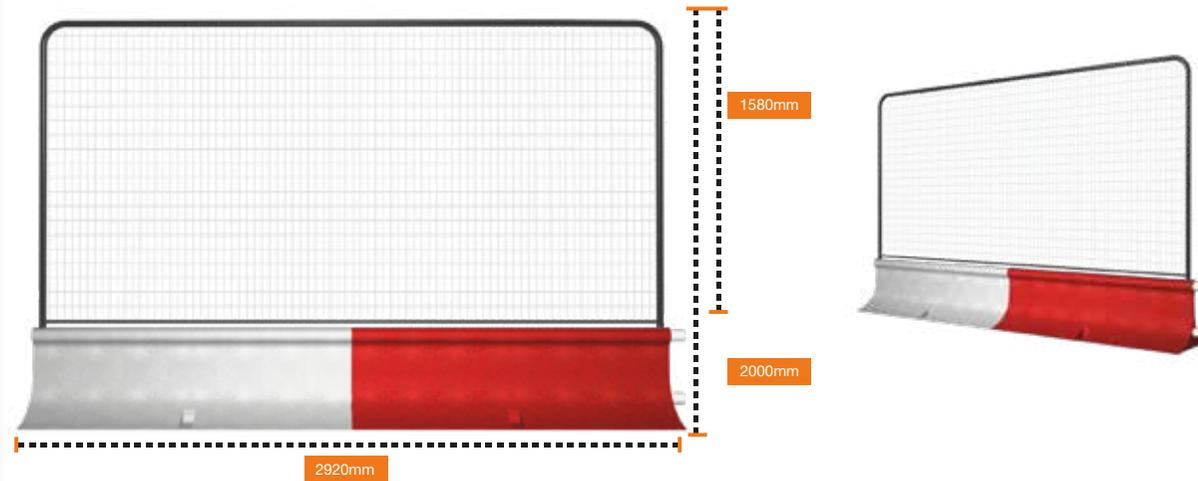
An anti-climb, galvanised mesh fencing.

MASS Siteguard offers excellent perimeter security, protecting your site, workers & equipment.

Gated options are also available.

MASS Siteguard Specifications

Length	Width	Height	Overall Height
2920mm	25mm	1580mm	2000mm



Applications For Many Sectors



Anti-Climb Fencing

MASS BARRIER SCREENGUARD

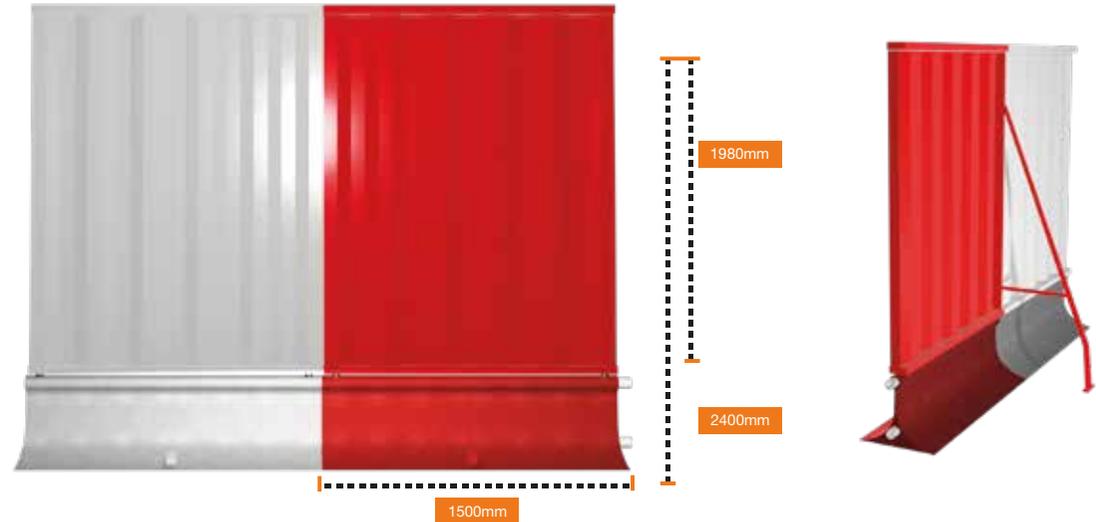
A hoarding panel for use on work sites and perimeters where privacy and security is required.

The high steel screen offers security combined with easy assembly in a range of situations.

The Screenguard is fitted with a back facing support beam, to provide extra strength and support in the event of high winds or vandalism.

MASS Screenguard Specifications

Length	Width	Height	Overall Height
1500mm	30mm	1980mm	2400mm



Easy Installation



Capable of Corners

MASS BARRIER CORNER UNIT

MASS barriers provide the flexibility to curve, bend or angle where those site configurations are required.

Using a series of vertical pins and corner units, it is possible to easily rotate by 180° allowing a maximum angle between each base unit of a 90° bend.

These corner units allows for extra flexibility when each optional top section is required to follow a curve, bend or angle.



Contour perimeters



Easily adjusted



90° Corners



Maximum usability

SIMPLE INSTALLATION

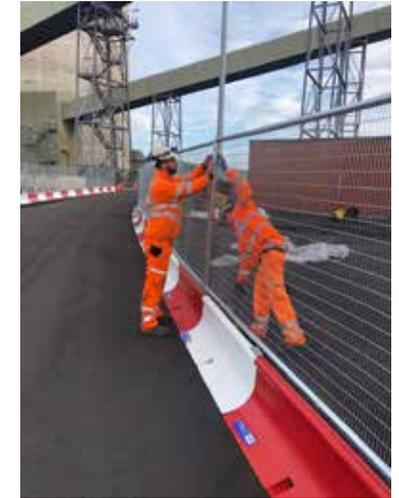
MASS barriers are designed with ease of use in mind. Their lightweight design whilst still maintaining their strong vehicle delineation abilities mean that operatives can easily install, relocate and remove the barriers themselves without the need for heavy plant machinery or specialist training.



INSTALLATION BY HARDSTAFF

At Hardstaff Barriers we appreciate requirements can change rapidly and our dedicated team can be on site, 24 hours a day, 7 days a week, 365 days a year (subject to availability).

Our professional and award-winning team of installers are confident & competent in VRS installation. Training includes SSSTS, NHSS 2B Product, ALLMI Crane Supervisor, ALLMI Slinger/Signaller, CPCS Plant & EFAW.



SEE OUR FULL
PRODUCT
CATALOGUE

ONLINE AT HARDSTAFFBARRIERS.COM



SOLUTIONS
FOR EVERY
INDUSTRY

ABOUT HARDSTAFF

Hardstaff Barriers is a leading manufacturer and supplier of roadside safety barriers and perimeter security systems.

Hardstaff provides highway barriers, hostile vehicle mitigation (HVM) systems, perimeter fencing, concrete security barriers and access gates that are all designed to keep people and property safe.



WHY HARDSTAFF

- Always available to offer a range of free advice on providing solutions for every industry.
- A dedicated team who deliver on time, on budget.
- Operating & delivering barriers 24 hours a day, 365 days a year.
- A team consisting of industry leading barrier experts that are highly regarded and considered to be among the most experienced in the United Kingdom.

Bespoke BARRIERS

Safe does not have to mean dull.

The crash-tested MASS barriers not only provide protection from traffic, but can also be painted in any colour or design ensuring that they look the part.

Barriers can be matched to a company's branding or colour scheme and can even incorporate advertising boards or banners to amplify brand awareness.



DEPOT LOCATIONS



Nottingham

Head Office and Depot
Hillside, Golham Road, Kingston-On-Soar,
Nottinghamshire, NG11 0DF

Barking

Depot
Barking, Renrick Road, Box Lane, IG11 0SG

Newport

Depot
Site B22, Tom-Lewis Way,
South Dock – North Side, Alexandra Dock,
Newport, NP20 2NQ

Bilston

Head Office
Springvale Business & Ind. Park, Bilston,
Wolverhampton, West Midlands, WV14 0QL



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