Mass Barrier Specification Sheet

The Mass barriers has a steel barrier base unit which consists of a hot dip galvanised element and powder coated in highly visible colours for health and safety.

There are numerous top sections that’s can be added to the Mass barrier to suit specific sites.

Units can be adapted to allow the system to rotate through 180°.

**MASS Barrier Specifications**

<table>
<thead>
<tr>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500mm</td>
<td>500mm</td>
<td>420mm</td>
<td>48kg</td>
</tr>
</tbody>
</table>

**Key Features**

- Lightweight for easy transporting and handling
- Compatibility with numerous top section systems
- Units link via vertical pins
- Non-permanent fixing
- Simple Installation
- Anti-vandalism design
- Wind resistant
- High Visibility

**Mass Barrier Specifications**

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<td>48kg</td>
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</table>

**Anti-Climb Fencing Available**

90° Bends Option
Mass Barrier
Crash Test Approved

Mass 1 has been fully tested to T2 W5 providing protection to work force, vehicle drivers, as well as pedestrians.

Mass1 Crash Test Report & Results
TESTED TO BS EN 1317: T2 W5 SPEED: 80 KM/H IMPACT ANGLE: 15.0° VEHICLE MASS: 1,300 KG

VEHICLE:
Velocity and angle values were within tolerance limits
The vehicle did not breach the device
The vehicle did not leave the permitted CEN box
The vehicle did not roll over within the test area
No part of the vehicle was detached

DEVICE:
No part of the barrier penetrated the interior of the vehicle. No part of the barrier was ejected

Summary Of Crash Test Report
This is a report summary of the crash test conducted by TRL Ltd, describing the dynamic impact test of the Asset M.A.S.S. System 1 VRS to TB22 of BS EN 1317 Parts 1 & 2. The impact conditions of this test were met with total test mass of 1300 (±65) kg at a speed of 80 (-0 + 7%) km/h (49.7mph) at an angle of 15 (+1.5, -1) degrees to the line of the barrier traffic face.

The correct installation of the test item was the responsibility of the client. The length of the barrier tested was 57.3m (63.3m including anchor terminals).

The vehicle model was a year 2000 Ford Mondeo. The actual total test mass of the vehicle was 1299kg, the impact speed was 81.9 km/h and the impact angle was 15.0 degrees and therefore satisfactory.

The extreme front edge of the barrier was used as the datum for all deflection and exit box measurements.

The dynamic deflection was 1.2m and the working width was 1.7m. The permanent deflection was 1.2m.

The vehicle complied with the exit box requirements of BS EN 1317-2.
Mass Barrier Pedestrian Guard

Mass Pedestrian Guard is a development of the 1 vehicle restraint system which is tested to current European Standards and is a cost-effective solution to improving public safety.

The Mass steel base unit provides the foundation for the five different guard elements. These guard elements can be interchanged without having to replace or purchase new base sections.

The Mass barrier provides protection to vehicle drivers, workforce and pedestrians. This is where future safety legislation will be focused concentrating on Duty of Care and Industry Best Practice.

MASS Pedestrian Guard Specifications

<table>
<thead>
<tr>
<th>Material: Galvanised steel mesh pedestrian rail.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length</strong></td>
</tr>
<tr>
<td>1500mm</td>
</tr>
<tr>
<td>Total when on base unit = 1100mm</td>
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</tbody>
</table>
Mass Visirail Guard

This product combines the benefits of Mass Pedestrian Guard with a high visibility steel security rail.

Complying with chapter 8 of the ‘Traffic Sign Manual’, Mass Visirail Guard has minimal wind loading and is vandal-proof.

MASS Visirail Guard Specifications

MATERIAL: Galvanised steel mesh pedestrian rail with Chapter8 reflective strip.

<table>
<thead>
<tr>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500mm</td>
<td>25mm</td>
<td>678mm</td>
<td>11kg</td>
</tr>
<tr>
<td>Total when on base unit = 1100mm</td>
<td>59kg</td>
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</table>
Mass Siteguard

This is an anti-climb, galvanised mesh fencing.

Siteguard offers high security for the site, workers and equipment.

MASS Siteguard Specifications
MATERIAL: Galvanised steel mesh fence panel.

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<th>Length</th>
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<th>Weight</th>
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<tbody>
<tr>
<td>2920mm</td>
<td>25mm</td>
<td>1580mm</td>
<td>35kg</td>
</tr>
<tr>
<td>Total when on 2 base units = 2000mm</td>
<td>131kg</td>
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</tbody>
</table>
Mass Screenguard

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

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

**MASS Screenguard Specifications**

MATERIAL: Steel Hoarding Panel, Powder Coated, Red/White.

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<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500mm</td>
<td>30mm</td>
<td>1980mm</td>
<td>??kg</td>
</tr>
<tr>
<td>Total when on base unit = 2400mm</td>
<td>??kg</td>
<td></td>
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