

PRODUCTS FOR

THE NATIONAL TRUNK ROADS NETWORK

Many of our products have been tested by TRL and MIRA and passed to Performance Standard NE4/100 of BS EN 12767:2000 and BS EN 12767:2007



The Glasdon Group of Companies has been at the forefront of passive safety since the launch of the first-generation Vergemaster marker post in the late 1960s.

Many of our products have been tested by TRL and passed to Performance Standard 100/NE4 of BS EN 12767:2000.

As part of our commitment to research and innovation, Glasdon have developed a number of crash friendly polymers that offer good recovery performance after vehicular impact:

Impactapol® Material is a self-coloured, abrasion-resisting polymer that remains flexible down to -40°C and after repeated impacts.

Reflexapol® Material is a hard-wearing polymer engineered to offer longevity in exposed locations.

Ultraflex™ Material is a versatile polymer that allows a wide range of configurations while maintaining its shape in the event of an accidental collision or drive-through.



ADMIRAL™ JUNCTION MARKER POST

Passively safe Rebound Admiral Junction Marker was developed in conjunction with Transport Scotland to provide a robust, highly visible post to clearly mark rural junctions. The smooth finish prevents build-up of moss or algae and the crash friendly bollard requires almost no maintenance.

SPECIFICATIONS

Colours:

Black, White

Dimensions:

Height above ground: 936mm

Depth below ground: 300mm

Main stem diameter: 198mm

Weight: 4kg

Banding:

150mm Red/White retroreflective band*

Fixing:

Below Ground Extended Base

* All retroreflective materials supplied by Glasdon UK are as recommended in table NA1 of the National Annex of BS EN 12899-1:2007 – Fixed Vertical Road Signs.



WHAT THE CUSTOMER SAYS:

"A cost effective, low maintenance solution for marking rural junctions"
Dorset County Council

"An effective device for highlighting minor junctions"
Transport Scotland AIP Unit



VERGEMASTER RX™ HAZARD MARKER

The fifth generation Vergemaster post is the most technically advanced hazard marker available. Arced Impactalight™ reflectors offer a 140° angle of visibility and Reflexapol® material construction ensures the post is passively safe to Performance Standard 100:NE4 BS EN 12767:2000 at 100Km/h.

SPECIFICATIONS

Material:
Reflexapol®

Dimensions:

Height above ground: 920mm

Depth below ground:

(extended base): 350mm

(stake type): 523mm

Maximum diameter: 167mm

Weight:

(extended base): 1.8kg

(stake type): 1.6kg (post), 1.1kg (stake)

Reflectors:

Reflector size: 180mm x 98mm – complies with
TSRGD 2002

Reflectors are supplied as standard in red and white. Optional amber reflectors for central reservations are available on request.



HAZARDMASTER™ HAZARD MARKER

Hazardmaster is a high performance Impactapol® Material hazard marker post that will retain its shape after multiple wheel-over collisions, even with heavy vehicles. Hazardmaster is ideal for high risk areas where a premium product is required.

SPECIFICATIONS

Material:

Post: Impactapol®**

Reflector: Red and White retroreflective, as recommended in table NA1 of the National Annex of BS EN 12899-1 2007 Fixed Vertical Road Signs.

White band: Ultra-destruct

Dimensions:

Height above ground: 910mm

Depth below ground: 300mm

Total height of post: 1210mm

Weight: 4kg



FLEXMASTER™ HAZARD MARKER

Flexmaster is a versatile, robust and economical method of highlighting a wide range of potential dangers to motorists, emergency services and highways professionals. Manufactured from Ultraflex® Material.

Conforms to TSRGD 2002 and DFT Traffic Signs Manual, Chapter 4 – Warning Signs (2004).



FLEXMASTER MARKER POST

Available with standard or advanced fixing, Flexmaster Marker Post is ideal for large scale installations.

SPECIFICATIONS

Height above ground: 905mm

Depth below ground: 405mm (standard), 400mm (advanced)

Socketed version also available



LAY-BY FLEXMASTER MARKER POST

A special reduced-height version of the Flexmaster Marker Post that complies with the Highways Agency Directive on lay-by verge posts. Supplied with Advanced Flexmaster socket fixing as standard.

SPECIFICATIONS

Height above ground: 600mm

Depth below ground: 400mm



BRIDGE PARAPET FLEXMASTER MARKER POST

A Flexmaster variant designed to Diagram 528.1 of the TSRGD 2002 to highlight areas of risk on the public highway. High Intensity Prismatic Reflective Yellow 3931 material maintains 24-hour visibility without dedicated illumination. Supplied with Advanced Flexmaster socket as standard.

SPECIFICATIONS

Height above ground: 905mm

Depth below ground: 400mm

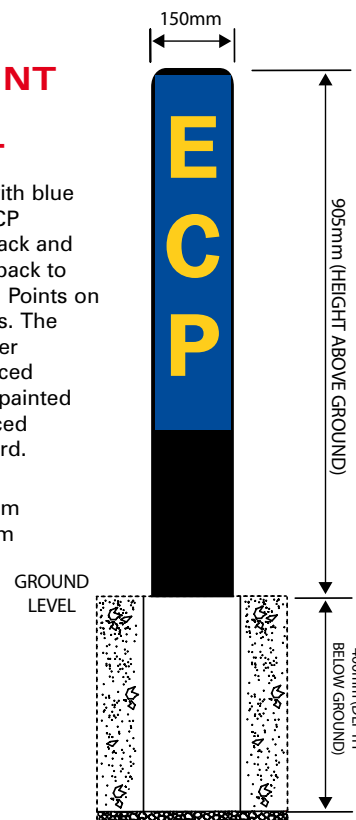
EMERGENCY CROSSING POINT FLEXMASTER MARKER POST

A Flexmaster marker post with blue and yellow retroreflective ECP markings on the face and black and white ECP markings on the back to denote Emergency Crossing Points on motorways and major routes. The retroreflective properties offer improved visibility and reduced maintenance over standard painted signs. Supplied with Advanced Flexmaster socket as standard.

SPECIFICATIONS

Height above ground: 905mm

Depth below ground: 400mm



DANGER OVERHEAD CABLES FLEXMASTER MARKER POST



Designed in conjunction with A-one+ Integrated Highways Services for MAC Area 14 and extended across the network following extensive praise from emergency services chiefs in Surveyor Magazine. Retroreflective signage ensures all personnel are aware of the potentially fatal risk of overhead power cables.

SPECIFICATIONS

Height above ground: 905mm
Depth below ground: 405mm

HIGHLY COMMENDED
The IHT/Highways
Agency Health &
Safety at Work Award



DANGER OVERHEAD CABLES BARRIER STRAP

A cost-effective solution to highlighting potential hazards on central reservations.



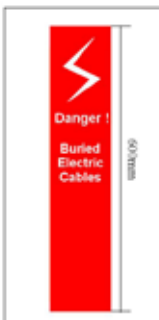
OTHER APPLICATIONS

The versatility of the Flexmaster system offers infinite possibilities for low maintenance, high visibility signage. To discuss your requirements please telephone our dedicated highways sales team on **(01253) 600411**.

Blue Patch Complete
with Danger! Buried
Drainage



Red Patch Complete
with Danger! Buried
Electric Cables



Yellow Patch
Complete with
Black Duct



Yellow Patch
Complete with Black
Area 5



Green Patch Complete
with Caution Fibre
Optic Cables Below



Fixing Options

Flexmaster Marker Post is available with a choice of fixings:

Tool Fixing offers a rapid method of installation that is particularly suited to soft ground or verges. Installation is quick and simple.

Advanced Fixing

incorporates a metal ground socket that is set in concrete and allows the post to be removed to allow access or for maintenance work such as the mowing of grass verges.



ADVANCED CHEVROFLEX™ FLEXIBLE SIGN SYSTEM

Passively Safe Advanced Chevroflex is an award-winning sign system that is proven to reduce casualties on the road. Advanced Chevroflex is manufactured from Ultraflex® material in individual blades to create a wall effect that improves visibility for motorists and motorcyclists. The modular design and individual sockets allow a range of configurations and for individual blades to be replaced if required. Advanced Chevroflex is available with or without a high visibility surround.

Chevrons are available in a choice of three sizes for left or right hand options – 400mm, 600mm or 800mm high chevrons.



Roundabout 606 Directional Arrow modules are available with the Ref. 606 sign in 1200mm, 900mm, 750mm or 600mm diameters dependent upon chevron size.



Glasdon Focus on Traffic Speed Reduction For Brighton and Hove City Council.

What the Customer says:

“Excess speed on King George VI Avenue contributed significantly to the unacceptable number of injury accidents. Demands by Council members for speed reduction led to an experimental extension to the 30mph limit utilising Chevroflex as a highly visible gateway. As a result, average traffic speed has reduced by 5 to 7mph.”

Len Holloway, Traffic Technician, Brighton and Hove City Council.

Before



After



For copies of the full case study please telephone 01253 600411.

Other Configurations

In addition to standard chevron applications, Glasdon clients have successfully implemented Advanced Chevreflex for a wide range of uses including countdown markers, keep left signage and visibility screens. Please contact our highways sales team on (01253) 600411 to discuss your requirements.



BOLLARD APPLICATIONS

Glasdon Bollards are available in a wide range of styles, colours and fixing options and have been implemented in traffic management schemes worldwide. Rigid Durapol[®] Material bollards are a low maintenance aesthetic solution to traffic calming or parking restriction problems. Flexible, passively safe Impactapol Material bollards offer a resilient option that will continue to function well after a high-speed impact.

Glasdon Bolt-Down Bollards can be installed in under 8 minutes and with a depth below ground of just 75mm are ideal for installation on bridges and other structures where other fixing methods are not possible.



Bolt Down Bollards - Ideal for Bridge Decking

The Below-Ground Guardsman™ Anti-Ram Raid Fixing is available with the Neopolitan™ Bollard range and has been proven to stop an unladen van at 25-30mph dead in its tracks. Guardsman Fixing bollards are ideal for protecting sensitive equipment in roadside locations.

Guardsman - Anti Ram Raid Fixing

OTHER PRODUCTS

REBOUND SIGNMASTER & LED

Rebound Signmaster is a keep left bollard available either with LED illumination or non-illuminated, that is self-righting and is proven to reduce costs and carbon emissions. Rebound Signmaster may be used with the IP-rated Signmaster Sublite Underground Box or (with conversion kit) any existing lightbox installation.



ENVIROSCAPE

Enviroscape is a unique system of interlocking square tiles (330mm x 330mm) to strengthen a gravelled or grassed area. Enviroscape is ideal for creating parking or access routes. Enviroscape has been used successfully to create parking areas for emergency vehicles by the side of trunk routes across the UK.



www.safety4highways.com

Visit our new website to see our full range of Passively Safe products, including bollards, hazard & verge markers and our Advanced Chevrolflex™ Flexible Sign System. Downloadable product literature, case studies and video clips are also available.



Glasdon Range

For more information on the full range of Glasdon products, please telephone **01253 600411**.



Individual model specification sheets are available on most Glasdon Bollards and Traffic Safety Products. Please phone 01253 600411 for details.

- * Reflexapol® Material is a hard-wearing polymer engineered to offer longevity in exposed locations.
- # Ultraflex™ Material is a versatile polymer that allows a wide range of configurations while maintaining its shape in the event of an accidental collision or drive-through.
- ** Impactapol® material is a polymer specially developed with enhanced flexibility and extensibility properties offering good recovery performance after vehicular impact. Impactapol material has abrasion resistance, will not chip or rust and never needs painting.
- *** Durapol® material is a polymer formulated to withstand extremes of temperatures and is impact-tested in our Quality Assurance Laboratory as part of our BS EN ISO 9001:2000 test procedure. Durapol will not chip or rust, is easy to clean and never needs painting.



Glasdon

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