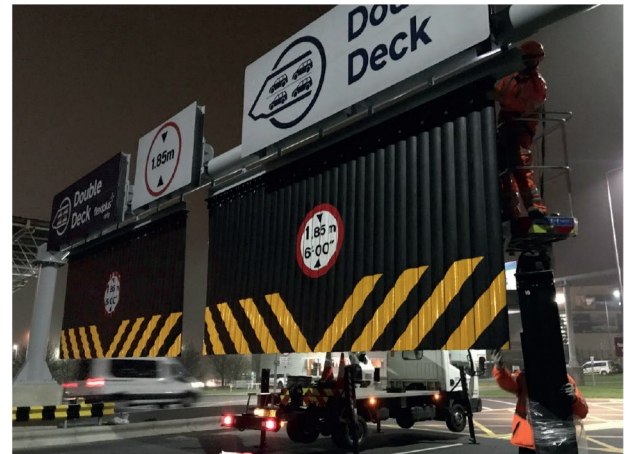




DESCRIPTION

Ideal as part of a protection system for bridge and tunnel assets, the Guardian Flex is a durable height restriction warning device, used as a final stage in advising over-height vehicles that may have ignored earlier approach warnings.

Our Guardian Flex presents drivers with a visual reference on the approach to a height restriction, followed by low impact physical contact should the vehicle continue unheeded. In order to protect upcoming bridges or tunnels, the barrier has a reboundable design that ensures the product returns to its original position following physical contact and recovers without damage.



FEATURES & BENEFITS

- Reflective graphics meeting requirements of BS8408:2005
- Reboundable design has proven field impact resistance, returning to upright original position and continues to function following impact
- Modular design, configurable to all site requirements
- Pre-fitted cable to ensure broken blades don't fall
- Tough UV stabilised polymer blade return unit remains operational over a wide range of temperatures, including sub-zero
- The blade return units are individually mounted blades that can be easily replaced if needed when damaged
- Blades have undergone specialised treatment to enable adhesion of reflective graphics
- Low impact causing little or no damage to vehicles
- Custom bespoke sizes
- Bespoke width and height to order

CONSTRUCTION

Foundation System

Customer pre-fitted structure (Universal I Beam) to Simmons signs template : Components are of 304 stainless steel with A2/A4 fasteners.

Blade Return Unit

The tough, UV stabilised polymer Blade Return Unit, which remains operational over a wide range of temperatures, mounts on the foundation system providing a flexible mounting for the Blades.

Blade construction

Extruded UV stabilised, high impact strength, black polymer Blades are mounted onto the Blade Return Unit. Each Blade resembles a figure 3 in plan, having radii of 148mm and is 300mm wide overall. Clips are used to hold Blades together, which un-clip on impact. Return edges provide additional Blade impact strength.

Graphics

Reflective graphics meeting the requirements of BS 8408:2005 are applied to the Blades which have undergone a specialised treatment to ensure superb adhesion. Borders are 150mm.

Please note: The Roundel is split and applied directly to the blades.

Simmons signs Limited reserves the right to alter or improve this guide without prior notice.

