

FLOWPLATE

HGV Traffic Control Plate

NMFP 01



Product Information

The traffic control plate is designed to encourage mono-directional traffic flow control, whilst also acting to deter unauthorised access by vehicles entering areas via the wrong direction.

Constructed from robust heavy steel plate, a sophisticated in-built counter balance or heavy duty spring action ensures that it returns to its upright position after a vehicle has passed over it.

Finished in yellow or black to enable a speed ramp effect.

Specification: HGV surface mounted traffic flow controller

Material: Heavy duty chequer plate steel

Dimensions: 510mm x 300mm x 105mm

Installation: Surface mounted ideal for concrete applications

We heavily recommend the use of speed ramps and warning signage in conjunction with flow plates.

Installation

The product can be installed by using two methods of fixing a) surface mounted by bolting down with rubber expanding bolts or b) laying a concrete raft and fixing with anchor bolts.

Asphalt surface mounting:

The flow plates should be fitted to tarmac surfaces using rubber bolts as that they offer a “dampening” effect when traffic passes over. Rubber fixing plugs have an outside diameter of 22mm and are 75mm in depth; the actual bolt size is an M12 x 100mm.



The flow plate should be laid in desired location, drill hole area should then be marked out. All holes should be drilled prior installation, do not fit the product until all of the surface holes have been drilled out.

Important note: The rubber plugs and fixing bolt should be fitted to the product prior being dropped into location. Once the bolts have been loosely fitted drop the entire unit into the pre-drilled holes, you will save hours of time!

Fitting a concrete raft:

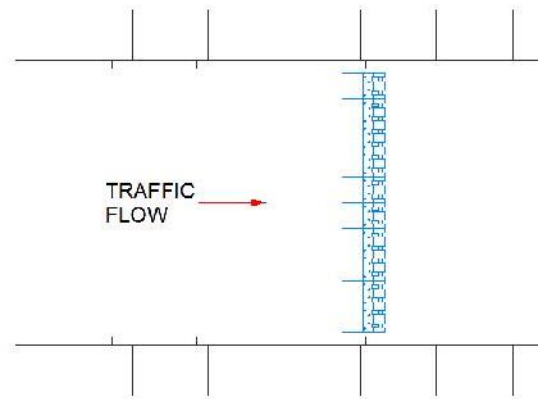
This method should be used if the road surface is in poor condition, is newer than six months old or has an asphalt surface depth of less than 50mm.

A concrete foundation/slab should be laid, reinforcing should not be used. Once the concrete has set the product should be fitted as per the diagram below.



We strongly recommends the use of speed ramps and warning signage in conjunction with directional flow equipment.

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Quantity of flowplates is dependent on the width of the roadway, please ask our sales engineers for clarification.