



## Traffic Products

### BEE BUMP SPEED RAMPS

A highly effective means of controlling traffic speeds

This modular system is formed from black and bright yellow segments, made from heavy duty recycled PVC. Solid yellow Bee Bumps are also available, manufactured from virgin yellow PVC for increased durability.

Acrylic corner cube reflectors in each section ensure maximum visibility at night or in poor weather conditions. The ramps include a cable recess and have a non-slip textured surface.

Bee Bumps are quick and easy to install by just one person with a drill and socket drive. Ramps of any length can be formed simply by combining modular sections. Unique dog bone fixings connect each segment together ensuring continuous strength throughout. Lost segments are a thing of the past. All bolts and fixings are included free of charge.

Inner pieces and shoulders are available in black and yellow and all segments are sold separately.

### Component Parts

| Overall length of ramp | With shoulders |             |                 |                | Without shoulders (eg kerb to kerb) |             |
|------------------------|----------------|-------------|-----------------|----------------|-------------------------------------|-------------|
|                        | Inner Yellow   | Inner Black | Shoulder Yellow | Shoulder Black | Inner Yellow                        | Inner Black |
| 2.5m                   | 2              | 2           | 1               | 1              | 3                                   | 2           |
| 3.0m                   | 3              | 2           | -               | 2              | 3                                   | 3           |
| 3.5m                   | 3              | 3           | 1               | 1              | 4                                   | 3           |
| 4.0m                   | 4              | 3           | -               | 2              | 4                                   | 4           |
| 4.5m                   | 4              | 4           | 1               | 1              | 5                                   | 4           |
| 5.0m                   | 5              | 4           | -               | 2              | 5                                   | 5           |
| 5.5m                   | 5              | 5           | 1               | 1              | 6                                   | 5           |
| 6.0m                   | 6              | 5           | -               | 2              | 6                                   | 6           |

50 mm high inner segments  
 Weight 7.6-10 kg  
 Length 500 mm  
 Width 420 mm

50 mm high shoulder pieces  
 Weight 2.3-3.4 kg  
 Length 210 mm  
 Width 420 mm

75 mm high inner segments  
 Weight 11-13 kg  
 Length 500 mm  
 Width 420 mm

75 mm high shoulder pieces  
 Weight 3.2-4 kg  
 Length 210 mm  
 Width 420 mm



Please note solid yellow sections are approx 1kg heavier for an inner and 0.5kg heavier for an end

\*Approximate weights and dimensions, please note weights include dog bone fixings

50mm high slows traffic to 10mph  
 75mm high slows traffic to 5mph

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# BEE BUMP

A highly effective means of controlling traffic speeds



## Key Benefits

|   |                                  |
|---|----------------------------------|
| Slows traffic to 5mph or 10mph                        | Incorporates a cable/hose recess |
| Quick and easy to install                             | No loss of segments              |
| Bolts and fixings included at no extra charge         | Will withstand 44 tonne HGV's    |
| Acrylic corner cube reflectors for maximum visibility |                                  |

## Typical Applications

|                       |                      |
|-----------------------|----------------------|
| Industrial Estates    | Educational premises |
| Supermarket car parks | Private roads        |

## Installation Guide

To maximise the life of this product, Bee Bump speed ramps should be positioned so that vehicles drive over them in a straight line. Vehicles turning on the ramps could possibly damage the ramps or bolts and cause discomfort to passengers.



- Lay out the Bee Bumps and place the dog bone fixings under the ramp. The next Bee Bump section fits securely onto the dog bones to connect each segment together ensuring continuous strength throughout.
- Leaving the Bee Bump in position and starting from the middle, drill with a 12mm bit through the fixing hole.
- Use a pump to blow out dust from holes (a bicycle pump will do).
- Remove ramp and insert plugs into holes.
- Reposition the ramp and bolt into position.

The Bee Bump fixings are designed to enable the Bee Bump to be installed on concrete or asphalt surfaces that is at least 100mm thick and in good condition. Layout the Bee Bump in the required position and align all the components. Where the Bee Bump is being installed across a roadway ensure that an adequate gap is left at the gutter to permit satisfactory drainage during rainfall.

NB. The dog bone fixings attach each segment to the next, which generally overcomes problems of one segment working loose if it is fixed to a poor quality surface. However, if the surface is very poor, the area under the Bee Bump can be dug out to a depth of 6 inches and filled with concrete, to ensure that the Bee Bump remains in place.

Speed restriction signs should be clearly positioned ahead of any ramp location.



TRAFFIC SAFETY SOLUTIONS

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