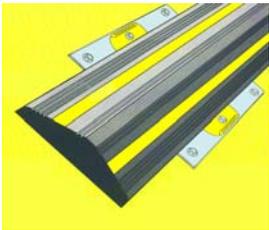


## HAZARD SPEEDSTOPPER INSTALLATION(S)



### KEY FEATURES – Long Life – Easy Installation

**Long Life Solid Rubber:** Speedstopper ramps follow the camber of the road or car park. Heavy duty and solid EPDM tyre rubber is suitable for most extremes of climate and will repel attack from salt, oil and ozone.

**Fixed to all types of road surfaces:** Our anchor fixing bolts are designed for asphalt, concrete or blocks. Our standard FX fixing plates can be installed very quickly, it takes just a few minutes.

**For kerb to kerb locations:** Leave a small gap (100mm) at each end cap of the ramp for drainage and road gully cleaning. We custom cut our speed bumps, free of charge, to the exact length to suit your site, eg: 4.85 metres, including end caps, making sure you get a perfect fit every time.

**Concrete, asphalt or blocks:** Our anchor bolts will secure our ramps to all road surfaces but it is important to drill the right size holes.

**Drill 14mm holes for concrete and blocks and 13mm for asphalt and tarmac surfaces, all holes to a depth of 100mm.**

**Detailed fixing instructions** are sent with all our speed bumps when they are shipped. For support from email [tech@hazard.co.uk](mailto:tech@hazard.co.uk) or our technical team call 0121 446 4433.

**Amber reflectors are an important safety feature** and are an integral part of our FX plate-fixing package. Designed for highway use, the amber reflectors are kept wiped clean and working 24/7 by all the traffic that passes over them.

#### Photographs from the top of the page:

1. Security collars for a tamper proof installation.
2. Installation is fast – no special tools, just a powerful masonry drill.
3. Security collars for a tamper proof installation.
4. Top-hole fixing allows the ramp to be bolted directly into the road surface.
5. Powerful adhesive will hold the ramp in place. No holes or bolts required.

### FREQUENTLY ASKED QUESTIONS

#### What is the maximum length of our speed ramps?

We custom cut to size free of charge and ship ramps of any length to suit any road width, car park or site layout.

#### Why use long lengths of speed bumps instead of small blocks assembled on site?

Stronger design with longer service life because joints are kept to a minimum.

#### Recycled plastic modular speed bumps are on the market. Do they work?

Yes, for a limited time and it depends on traffic volumes and weights. Remember, car tyres are made in rubber never recycled plastic.

Most of these types of budget recycled plastic speed bumps are moulded abroad in a material designed to give a reduced service life.

### HAZARD

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[See following page for fixing details](#)

## **FIXING INSTRUCTIONS FOR SPEEDSTOPPER RUBBER SPEED BUMP**

SpeedStopper(s) are EPDM extruded rubber Speed Bumps

1. These are the instructions for the use of those who wish to install SpeedStoppers using their own labour force.
2. A schedule of tools required below.
3. Ensure that no drains, hydrants or service outlets will be covered.
4. Work out gap width between kerb and the end cap. Advised width is 200mm. Mark out in chalk on the road surface, the edge line.
5. Position the end cap from the edge line and lay out the SpeedStoppers
6. Check that the alignment is straight with a plumb line.
7. For each fixing, drill down to a depth of 120mm from the internal steel strip. Blow out with long nose air gun. Check depth with a measuring stick.
9. Insert bolt assemblies (bolt, washer NOT SUPPLIED) and tap down lightly with a hammer until embedded in to road surface.
10. Tighten bolt with impact wrench or ratchet, do not over tighten.

### **Equipment & Tools required for installation**

1. 2.2 kva generator.
2. T14 Hammer Drill (Hilti model quoted).
3. 14mm x 450mm Masonry Drill (two recommended).
4. 110 volt 25 metre extension lead.
5. 110 volt junction box.
6. 110 volt impact wrench ½ drive c/w 17mm socket (optional).
7. 100 psi portable compressor c/w hose and long air gun.
8. 7lb sledge hammer.
9. 2lb ball pein hammer.
10. 20 metres measuring tape (cloth type).
11. Hand operated ratchet ½ inch drive c/w 17mm long reach socket.
12. Stiff broom.
13. Chalk.