



# Sitecop and Sitecop Plus Installation Instructions



The Sitecop and SitecopPlus are modular systems that can be easily and quickly installed in differing lengths or configurations to accommodate the location. Both systems offer a unique combination of features to meet a wide range of speed reduction and traffic calming applications.



A



B



C



D



E



F



G



H

## Parts:

- A. Center Modules (3 standard)
- B. End Modules (2)
- C. Lag Bolts (12)
- D. RediPlugs (12)
- E. Washers (12)
- F. Resin Tube (1)
- G. Resin Nozzle (2)

## Required:

- H. Install Kit (Sold Separately)
  - Resin Gun
  - 12in. Nozzle Air Gun
  - 17mm. 1/2in. Drive Deep Socket

## Recommended Equipment:

- 1 2.5 kva (minimum) generator
- 1 Rotary hammer drill (slow speed, high torque works best)
- 2 Masonry bits (14mm. or 9/16in. and 12-18in. in length)
- 1 50ft. 110-volt extension cord
- 1 100 psi portable compressor with 50ft. hose
- 1 Air (or 110v) impact wrench – 1/2in. drive
- 1 Hammer
- 1 Tape measure
- 1 Chalk-line and chalk
- 1 Stiff broom or blower
- 1 Roll electrical tape
- 1 Paper plate
- 1 Hand rag
- Work zone safety equipment

## Optional Addition:

A 2in. diameter tube can be fitted underneath the modules to help maintain alignment. If using PVC pipe, be sure it is "schedule 80". When using multiple pieces for long installations, be sure the tubing pieces join at the center of a module. Make sure that the center tube extends the full length and extends at least one inch into both end pieces.



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1



Place the Sitecop or SitecopPlus modules in final position on the roadway. Use a chalk line to keep modules straight.

2



Beginning with the center piece, start drilling through the preformed holes in the module until you have reached a depth of four inches into the pavement.

### *Tip*

While drilling, stand on the module to prevent it from moving.

Mark the drill bit with electrical tape at six inches to show how deep you are drilling. This marks four inches into the pavement plus two inches of module.

3



Thoroughly blow out all the holes with your long-nose air gun.

### *Tip*

Use a paper plate, or even a piece of cardboard, placed on the nozzle of your air gun to keep debris from blowing back into your face.

4

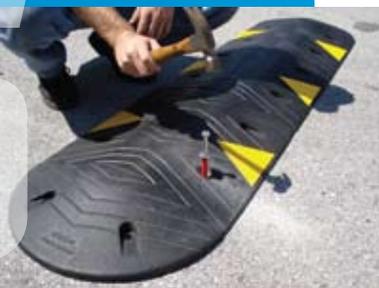


Place one complete pump of resin into each hole, keeping in mind that the resin will dry quickly.

### *Tip*

As you move from hole to hole, hold a rag over the tip of the nozzle to avoid spilling resin on the module.

5



Immediately place an assembled anchor set (Redi-Plug-washer-bolt) into each hole. Tap in with a hammer until the lip of the plug is flush with the inside rubber lip. Tighten the bolt using a 17mm deep socket until the washer is firmly seated. **Do not overtighten.**

### *Tip*

Steps 4 and 5 should be done at the same time so resin does not harden in the nozzle. Work together in an assembly line fashion to get the job done more quickly.

6



After ensuring that the next piece is snug against the last, repeat the above process. Continue with the rest of the modules, ending with the other end piece. Allow ten minutes of dry time and the unit will be ready for vehicular traffic.