

## City Post GD (Glue Down) Installation Instructions

**A)** The use of an approved 2-part road marker epoxy is necessary to get the proper performance out of the GD City Post; special care and preparation is also required.

**B)** **Items Needed / Recommended for Installation:**

- 1) Hand-held propane torch to flame treat the base • DOT tested and approved 2-part road marker epoxy (e.g. Firm-marker EAS-06)
- 2) Dispensing gun to aide in consistency and speed of application

Recommended:

- 1) Latex gloves, towels for cleanup, mixing containers (if not using the cartridges & guns)
- 2) Wire Brush to scrub loosen debris from the roads surface
- 3) Broom or high-pressure air to clean debris from the road surface

**C)** **Preparing the Base and Road Surface:**

To insure optimal bond between the base and the roadway surface both must be properly prepared to provide optimal adhesion.

1) **Road Prep** – Ensure that installation is not over paint, built up rubber or a dusty/dirty road surface. Use broom or high-pressure air to ensure dust-free surface. Note: It is not recommended to mount City Posts on paint or thermoplastic road markings.

2) **Base Prep** – Using a propane torch lightly flame treat the base prior to installation, as close to installation the better. It will not hurt the installation if this is done just prior to pressing into the epoxy. Smooth, slow movement of the flame over the base for ten seconds will properly treat the surface. After this step, the base should be warm to the touch, not hot.

Note: Too much flame exposure will scorch and/or melt the base.

**D)** **Installation of the posts:**

1) **FOR CONCRETE** Dispense a minimum of 10 ounces of mixed epoxy in the desired spot on the roadway.

2) **FOR OPEN GRADE ASPHALT** Dispense a minimum of 15 ounces of mixed epoxy in the desired spot on the roadway.

- o The epoxy should create an 8-inch diameter x 2 ½-inch wide ring, ¼-inches thick
- o The epoxy should be thickest on the outer edge of the ring.



o The inside 3-inches of the ring does not need to receive any epoxy.

- 3) Press the flame-treated base into the epoxy with a slight wiggle back & forth.
- 4) Gently push the post down until the epoxy exudes upwards through the weep holes.
- 5) Epoxy should come up through the epoxy weep holes and extend beyond edge of the base.
- 6) Release the post and allow it to cure per the epoxy specifications. Do not move or impact the post until it has been allowed to cure for the proper amount of time.

**E)** **Important Notice to Purchaser**

The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness for purpose: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. Neither manufacturer nor seller shall be liable either in tort or in contract for any loss or damage, direct, incidental, or consequential, arising out of the use of or the inability to use the product.