



**Parking Bumpers 32 17 13**  
**Vehicle Barriers 34 71 13**

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## **Gorilla Post**

(Asphalt Surface)

**Simon Marketing Group, LLC**  
**dba Parking Lot Safety Solutions**  
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Simon Marketing Group, LLC is woman owned and operated in Kalamazoo, Michigan and certified by the WBENC. We are a National Distributor of the Gorilla Post product and offer the same pricing as the Factory. Simon Marketing Group and Parking Lot Safety Solutions are committed to providing the most colors, sizes and designs of delineators. We pride ourselves on being a leader in bringing you innovative products.

This specifies a high density polyethylene bollard cover, covering a delineator with a magnetic base, for installation on asphalt surfaces. Revise spec section number and title below to suit project requirements, specification practices and section content.

Section 32 17 13  
**Parking Bumpers**  
Section 34 71 13  
**Vehicle Barriers**

### **Part 1 GENERAL**

#### 1.01 SUMMARY

- A. (HDPE) High density plastic polyethylene Post Guard bollard cover over a Gorilla Post delineator. Temporary to permanent bollard with magnetic base.

#### 1.03 SYSTEM DESCRIPTION

- B. Performance Requirements
1. High molecular weight material.
  2. Magnetic Pulling Power 380 psi Vertical Lift 275 psi 45° lift
  3. Cement surface
  4. Magnetic Mounting System
  5. Mounting Plate Conforms to ADA compliance
  6. Removal Tool.

## 1.06 DELIVERY, STORAGE & HANDLING

- A. Product ships from inventory. Typical ship date is 5 days from order. Contractor shall place order in a timely fashion to ensure construction schedule is not adversely impacted.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

## Part 2 PRODUCTS

### 1.01 GORILLA POSTS

**A. National Distributor: Simon Marketing Group, LLC.**

- 1. **Contact: Carol Berg, 1405 White Oak Drive, Kalamazoo, MI 49008  
248-855-6647**

**Website: [www.parkinglotsafety.com](http://www.parkinglotsafety.com)**

### 2.02 MATERIALS

Specifier Note: Select color, tape color. Specify Hand held or Long Handle remover tool. Contractor shall be responsible for installation. Specify Asphalt or Cement Surface.

- A. HDPE Polyethylene Post Guard Cover
- B. Size 7" Diameter by 48" H
- C. Standard colors: Yellow, White, Blue, Red, Black, Gray, Green, Orange, Brown, Beige, Royal Blue, Light Blue, Warm Grey, Canadian Grey, Lime Green
- D. Tape colors are Red, White, Yellow, Black, Green and Blue
- E. Asphalt Mounting Base with six Rare Earth Neodymium Magnets. 5.5" diameter w/ 1/2" x 4" Prongs. Galvanized.
- F. Conforms to ADA trip hazard regulation
  - 1. Asphalt Base Plate (part number GPBPA) with 2 attached prongs
  - 2. Approved epoxy
  - 3. Rotary Hammer drill
  - 4. Approved 5/8" drill bit for use in rotary hammer drill
  - 5. Piece of chalk or Crayola
  - 6. Piece of 60 grit sandpaper
  - 7. Piece of tape
  - F. Epoxy. HIT-RE 500 two part adhesive Hilti epoxy.
- G. Removal Tool. Used to break magnetic hold between base plate and bottom magnet.

## Part 3 EXECUTION

### 3.03 Installation

- A. Remove debris from application surface.
- B. Use the sandpaper to briefly sand only the bottom of the plate and each prong. The gentle sanding should take a minute or less. Sanding removes the invisible oxidation from the protective zinc coating of the steel plate. Oxidation can interfere with the epoxy.
- C. Set the plate where installation will occur with the prongs touching the asphalt.
- D. Carefully allow the plate to lay on its side and mark where the two prongs touch the asphalt.
- E. Mark where each prong is for this plate since each plate is hand-welded and the prong position varies from plate to plate. Use chalk or Crayola to mark onto the asphalt.
- F. Use the rotary hammer drill to drill a hole 5/8" in diameter that is 4" deep at each of the 2 marks.
- G. Test the holes by gently pushing the prongs into the holes onto the asphalt. The prongs should fit without pressure so the plate lays flat on the asphalt. If the prongs do not fit, use the rotary hammer to fine tune the holes.
- H. Once the prongs fit into the holes so the plate lays flat, remove the plate one more time and put a small piece of tape onto the bottom of the plate that covers the center hole. This will help to prevent epoxy from plugging the center hole. If epoxy gets into the center hole, wipe the epoxy out of the hole if not dried yet. If the epoxy is dried, you will need to use a 3/8" wide chisel to chip the epoxy out of the hole. The hole needs to be unclogged so the centering bolt on the magnetic base can properly seat allowing the magnets to make full contact with the metal plate.
- I. Apply epoxy to the bottom of the plate and place some epoxy into the holes.
- J. Slide the prongs into the hole and push the plate flat. .
- K. Allow Epoxy to cure for 24 hours.
- L. Remove plastic from magnetic Gorilla Post plate.
- M. Center Gorilla Post over plate, lining bolt to center hole on base plate.

### 3.04 Removal

- A. Place the removal tool in the base slot and pull. Lift the post.



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