

GORILLA POST

Magnetic Mounting System



TAMING THE URBAN JUNGLE
Your Delineator & Bollard Resource

For both the Fixed (FX) and Quick Release (QR) styles of Surface Mount Bases

It is the responsibility of the owner and installer to determine the suitability of the substrate for proper anchorage and the method used. Substrate should generally be properly installed, in good repair and crack free. Connection to the road surface is the responsibility of others. Road surfaces and installation conditions vary widely from location to location. Consult a local licensed engineer as necessary to ensure proper installation. ParkingZone cannot provide site specific engineering recommendations with regard to road connections.

ANCHOR KIT (IRBoltKit)

Kit contains four each: 16mm x 3" plastic sleeve, 1/2# x 4" lag screw, 1-1/4" metal washer

Recommended Tools: Hammer drill with 5/8" bit, small hammer, 3/4" wrench or socket, 1/4" Allen wrench (use with FX fixed style base only)

- 1) Place Fixed Base on surface while aligning arrows in the direction of on-coming traffic. Mark anchor holes. (image 1-A)
- 2) Drill four (4) holes 3" deep using a 5/8" bit. Clean holes.
- 3) Using a small hammer, gently tap the plastic sleeves into the holes. Top of sleeve should be flush with surface. (image 1-B)
- 4) Place the base over the anchors while aligning the arrows with traffic flow. Assemble washer to lag screw. Start lag screw through anchor holes into plastic sleeves. Use 3/4" wrench to tighten the lag screws snug into base. Washer will rest on top of base and not in the countersunk holes. (image 1-C)

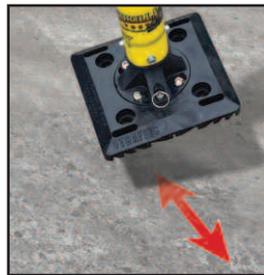


image 1-A

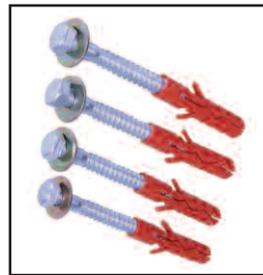


image 1-B



image 1-C

2 GALLON EPOXY (IR2GalEpoxy)

FOR BEST RESULTS CLOSELY FOLLOW THE EPOXY MANUFACTURER'S INSTALLATION RECOMMENDATIONS

- 1) Check the bottom of base for tape covering t-nuts (only used on FX fixed style base). Tape prevents epoxy from entering screw threads upon installation.
- 2) Pavement surface must be clean, dry and free of dirt, debris and oil.
- 3) Flame treat the underside of the base prior to installation. Quickly passing a cool flame over the plastic surface greatly increases adhesion. Do not overheat.
- 4) Mix epoxy as directed and closely follow epoxy instructions. Time, temperature, pressure, mix ratios, working life and shelf life all vary by manufacturer. Use a total of approximately 10 to 16 fluid ounces per bases. (image 2-A)
- 5) Align the base with the arrows facing traffic and push into the epoxy. Rotate base 90 degrees and back, filling underside channels and holes in base with epoxy. Allowing epoxy to fill anchor holes will increase adhesion through mechanical bonding.
- 6) Epoxy should extend around sides of the base. (image 2-B)
- 7) Allow epoxy to dry 24 hours for optimum performance. Most epoxies are temperature sensitive. Take care to follow manufacturer's recommendations.



image 2-A

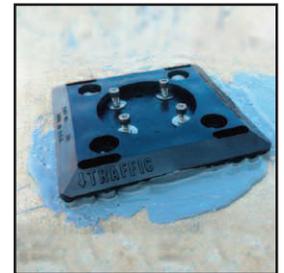


image 2-B

POST INSTALLATION:

- 1) Place the sign or post into the base and check for proper alignment. The lower two screws in the tube should align with arrows. (image 3-A)
- 2) For FX fixed bases, insert and tighten all four socket cap screws with 1/4" Allen wrench.
- 3) For QR quick release bases, note the two pull-pin holes in the round metal disc inside the base. The spring unit at the bottom of the post needs to mate to one of the two pull-pin holes. Set post on shoulder washers and turn slightly counterclockwise until pull pin fully seats into one of the holes. (image 3-B)

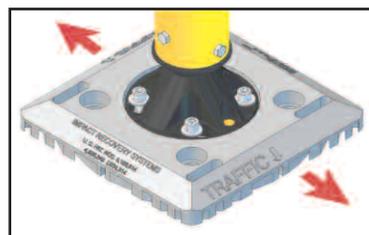


image 3-A

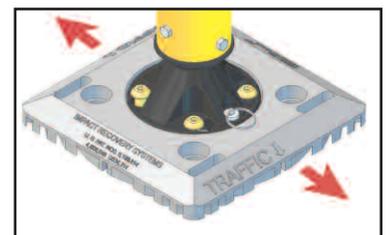


image 3-B

See SUPER BUNDY PLUS ADHESIVE installation on reverse side

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SUPER BUNDY PLUS ADHESIVE PADS (IRBundyPad)

SUPER BUNDY IS ONLY RECOMMENDED FOR USE WITH DELINEATORS AND POSTS WITH INSTALLED ON AN FX FIXED BASE

General Requirements:

Moisture: Pavement must be dry.

Surface: Asphalt and concrete must be free of dirt, dust chemicals and significant oily substances. Do not apply pads on top of paint, cold plastic or Greenlite. Pads can be applied on top of thermoplastic, provided it is clean.

Material: SUPER BUNDY PLUS must be kept dry at all times. Store between 35F and 90F degrees. Shelf life is 12 months.

Safety: Be sure to use proper safety equipment such as gloves and safety goggles. Use appropriate caution when using an open flame.

Instructions:

- 1) SUPER BUNDY PLUS is a two piece system. Do not attempt to use only a single piece as this will result in inadequate bonding. (image 4-A)
- 2) Check the bottom of the FX fixed base for tape covering the t-nuts. Tape prevents molten material from entering screw threads upon installation.
- 3) Pavement surface must be clean and dry.
- 4) Pre-heat the pavement surface using a propane-fueled torch.
- 5) Position the first piece of SUPER BUNDY PLUS on the pre-heated surface.
- 6) Begin heating the material by moving the torch's flame slowly and steadily over the material in a sweeping motion. Evenly heat the material until it melts completely to bond with the pavement. A brownish film will typically form on the surface when the material has reached molten stage. Continue to heat the adhesive pad until the well-defined edges of the pad are no longer visible.

(image 4-B)

- 7) Without delay, position the second pad directly on top of the molten piece. (image 4-C)

- 8) Heat the second pad until it is completely molten adhesive as did with the first. When ready, the pads should appear as a puddle of molten adhesive. (image 4-D & E)

- 9) Position the FX fixed base directly on top of the molten adhesive and apply slight downward pressure to ensure embedding and bonding. Twist 5 degrees back and forth while ensuring there remains a small cushion of adhesive material remaining between the pavement and the FX fixed base. (image 4-F)

- 10) Curing is complete when the material has cooled down to a temperature where the FX fixed base can no longer be moved.



image 4-A



image 4-B



image 4-C

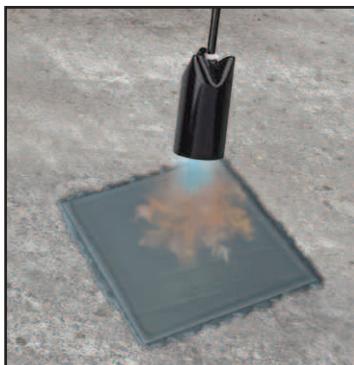


image 4-D



image 4-E

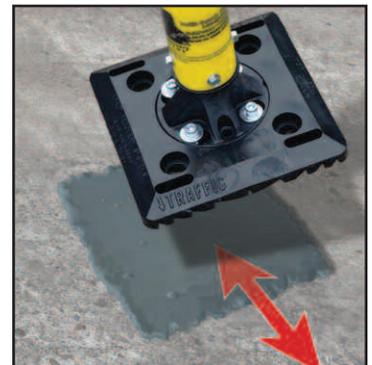


image 4-F



Lyle Peters - U.S. Sales Director
1.800.292.7275 ext. 207 • lylep@parkingzone.com • GorillaPost.com

