

Product Information Bulletin

64 Outwater Lane, Garfield, NJ 07026 Ph: 973-340-7889 | Fax: 973-340-7809

78FLEXYB - 78" Tall Impact Recovery Fixed Base Sign Post

Specification

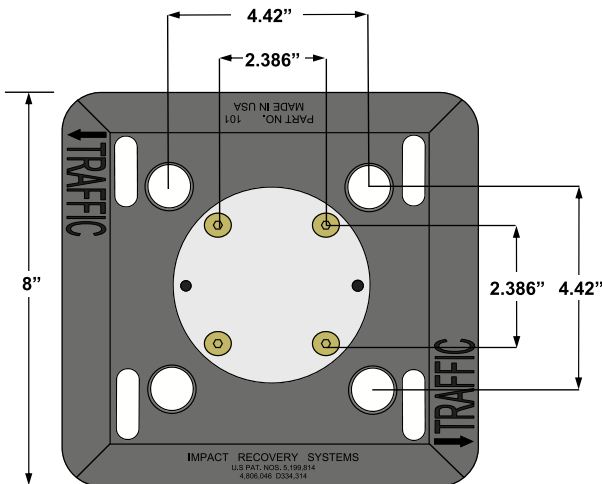
- Complete with two (2) brackets and required hardware.
- Post cap included.
- Supports plastic or aluminum signs up to 12" x 18".
- Post is constructed of white powder coated aluminum to prevent warping and remain straight.
- Outer yellow bollard is a durable plastic which simulates a formidable concrete barrier for added conspicuity. Prevents bumper damage to metal post.
- Unit has a reactive spring assembly that allows the sign post to be bumped by vehicles, rebound, and return upright.

Recommended Uses

- Parking lots
- Asphalt, concrete, or in-ground installation.
- Use where occasional bumping by vehicles can damage traditional sign posts causing costly repairs or replacement.

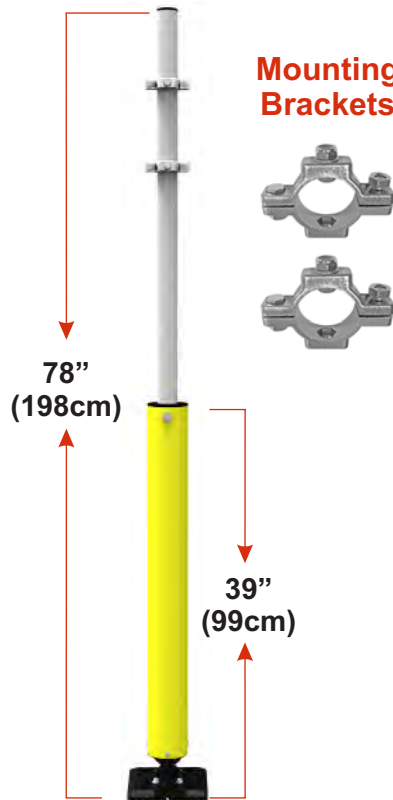
#101NS 8 x 8" Fixed Base

BASE TOP VIEW

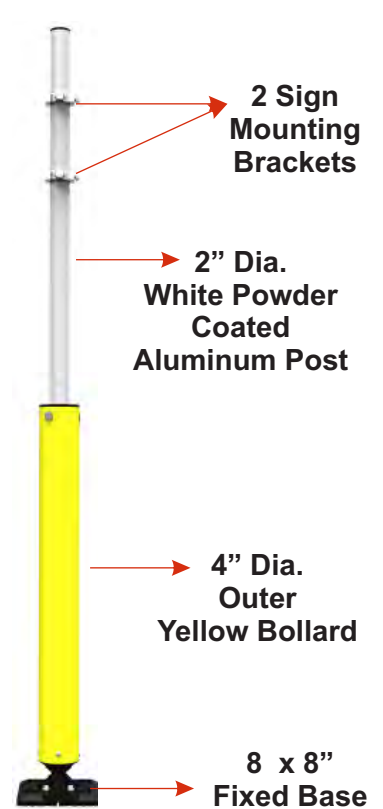


Base Dimensions: 8 x 8 x 1"
 Material: HDPE (High Density Polyethylene)
 Hardware: Zinc plated shoulder bolts

FRONT VIEW



SIDE VIEW



DATE: ___ / ___ / ___

JOB: _____

CONTRACTOR: _____

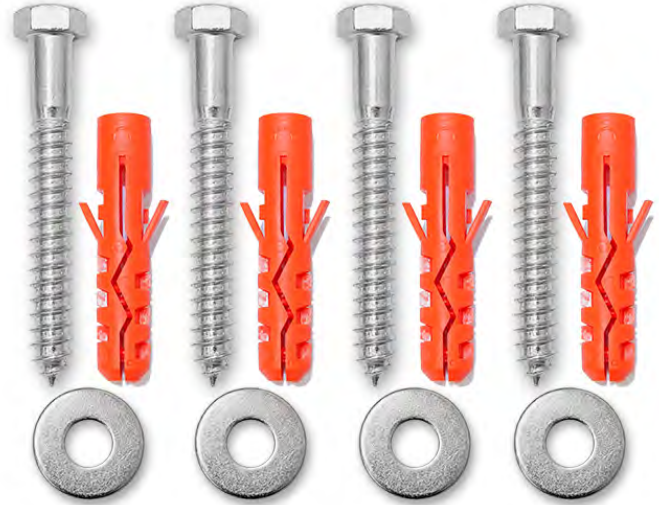
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Y4949 - Concrete Anchor Kit For Mounting Sign Base

Specification

- **Size:** 1/2" x 4" Lag Screws + 1/2" x 3" Concrete Anchors + 1/2" Washers
- **Material:** Zinc Plated Steel Lag Screws and Washers with Plastic Anchors
- **Note:** For use with Fixed Base Y4946 and 78FLEXYPOST



- Concrete Anchors Kit include the following:
- 4 - 1/2" x 3" long concrete orange anchors
- 4 - 1/2" x 4" long -partial thread- lag screws
- 4 - Washers

Materials Needed for Installation

- Drill with 5/8" (16mm) Bit
- Small Hammer
- 1/4" Allen Wrench
- One of the following: 3/4" (19mm) socket, 3/4" (19mm) wrench or adjustable wrench.

Installation Steps

- Place Fixed Base on surface, align to desired position. Using the base as a template, mark the four (4) holes to establish pattern for drill.
- Drill four (4) holes 3" (75mm) deep using a 5/8" (16mm) drill bit. Clean holes.
- Using a small hammer gently tap the anchors into the holes.
- Place base over the anchors. Put washer onto lag screw. Start lag screw through base hole into anchor. Use 3/4" wrench to tighten lag screw snug into base.
- Place the sign or post into base, check for proper alignment and hand tighten all four socket cap screws. Use 1/4" Allen wrench to snug screws.



DATE: ___ / ___ / ___

JOB: _____

CONTRACTOR: _____

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Y4988 - Asphalt Anchor Kit For Mounting Sign Base

Asphalt Anchors Kit Include all of the following:

- 4 - Asphalt anchors
- 4 - One inch long -full thread- bolts
- 4 - Washers
- 2 - Bags of anchor grout (14oz)



ANCHOR SPECS

Details	6" Anchor
Pull Rated	1,500 lb
Shear Rated	1,000 lb
Torque Rated	220 lb-in.
Thread	3/8"
Thread Depth	2.5"
Length	6"
Drill Hole	7/8"

Installation Steps

1. Drill holes (4) per anchor specs above
2. Fill holes with grout (1 bag of grout per every 2 holes)
3. Push anchors in flush with surface and wait 15 minutes...
4. Attach fixed base to anchors by using the 1" long bolts and washers supplied



DATE: ___ / ___ / ___

JOB: _____

CONTRACTOR: _____

Anchor Kit Y4949

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 (fixed style only)

1. Place Fixed Base on surface and align arrows to the desired position in the direction sign face or post will face. Mark anchor holes.
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.
4. Place the base over the anchors. Assemble washer to lag screw. Start lag screw through anchor holes into plastic sleeves. Use 3/4" wrench to tighten lag screws snug into base. Washer will rest on top of base and not in counter-sunk holes.



#IM-ANCHOR-KIT



EPOXY KIT

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

1. Check the bottom of base for tape covering t-nuts (fixed style only). Tape prevents epoxy from entering screws threads upon installation.
2. Pavement surface must be clean and dry.
3. For increased adhesion, flame treat the underside of the base prior to installation. Quickly passing a cool flame over the plastic surface will greatly increase adhesion.
4. Mix epoxy as directed and closely follow epoxy instructions. Time, temperature, pressure, mix ratios, working life and shelf live all vary by manufacturer. Use a total of approximately 16 to 20 ounces per base.
5. Align the base with arrows facing traffic and push into 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 though mechanical bonding.
6. Epoxy should extend around sides of fixed base.
7. Allow epoxy to dry 24 hours for optimum performance. Most epoxies are temperature sensitive. Take care to follow manufacturer's recommendations.



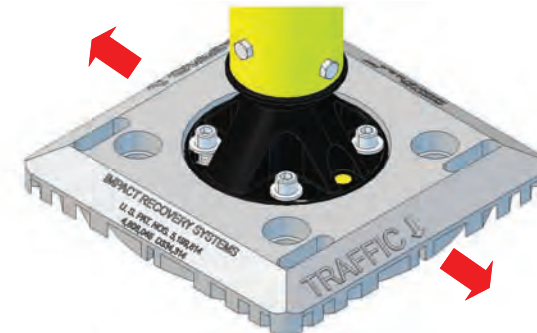
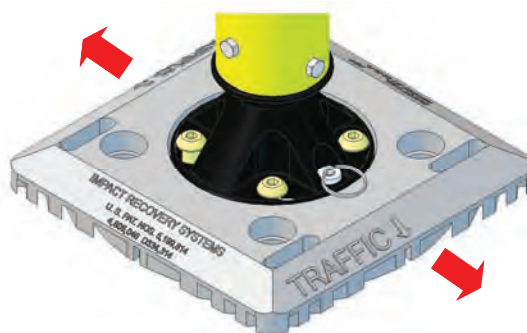
Epoxy Kit



Installed Base

Post Installation:

1. Place the sign or post into the base and check for proper alignment. For fixed bases, insert and tighten all four socket cap screws with 1/4" allen wrench. For quick release bases, set spring unit on shoulder washers and turn slightly counterclockwise until pull pin fully seats.
2. Ensure proper alignment of the spring and base with traffic. The pull-pin holes in the lower part of the spring should align with traffic and indication on surface mounted base. See diagrams at right.



SUPER BUNDY® PLUS ADHESIVE

SUPER BUNDY IS ONLY RECOMMENDED FOR USE WITH DELINEATORS AND TUBULAR MARKERS WHEN INSTALLED ON A FIXED BASE.

General Requirements:

- Moisture:** Pavement must be dry.
- Surface:** Asphalt and concrete must be free of dirt, dust chemicals or significant oily substances. Do not apply on top of paint, cold plastic, or Greenlite. It can be applied on top of thermoplastic, provided it is clean.
- Material:** SUPER BUNDY® PLUS must be kept dry at all times. Store between 35° and 90° F. 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.
2. Check the bottom of fixed base for tape covering t-nuts (fixed style only). Tape prevents epoxy from entering screws 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 pavement surface.
6. Begin heating the material by moving the flame from the torch 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 material has reached molten stage. Continue to heat the adhesive pad until the well defined edges of the pad are no longer visible.
7. Without delay, position the second pad directly on top of the molten piece.
8. Heat the second adhesive pad until it is completely molten, in the same way as the first. When complete, the pads should appear as a puddle of molten adhesive.
9. Position the Fixed Base directly on top of the molten adhesive and apply slight downward pressure to ensure embedding and bonding. Twist back and forth slightly. It is important to ensure that there is a small cushion of SUPER BUNDY® PLUS material remaining between the pavement and the Fixed Base.
10. Curing is complete when the SUPER BUNDY® PLUS material has cooled down to a temperature that the fixed base can no longer be moved.



Super Bundy Kit



Heating Adhesive Pad



Placing Second Pad



Molten Puddle

Concrete Screw Anchors

Kit contains four each: 1/2" x 4" Concrete Screw Anchors, 1" Washers

Recommended Tools: Hammer drill with 1/2" bit
Small hammer
3/4" wrench or socket
1/4" Allen wrench

Instructions:

1. Place Fixed Base on surface and align arrows to the desired position in the direction sign face or post will face. Mark anchor holes.
2. Drill four (4) holes 3-1/2" deep using a 1/2" bit. Clean holes.
3. Place the base over the holes. Assemble washer to anchor screw. Use 3/4" wrench to tighten anchor screws snug into base. Washer will rest on top of base and not in counter-sunk holes.
4. Place the sign or post into the base and check for proper alignment. For #BS-SMFx base, insert and tighten all four socket cap screws with 1/4" Allen wrench. For #BS-SMQx base, set spring unit on shoulder washers and turn slightly counterclockwise until pull pin fully seats.

Note: Take care to align base and knuckle to intended direction of traffic.



Concrete Screw Anchors



Traffic Direction

