

1. Objective and Scope

To describe how to correctly install Saferoads FlexLoc Surface Mount Guidepost.

2. Safety: Working on or beside a roadway is inherently dangerous.

3. Personal protective equipment (PPE)



Safety Boots (steel capped) with rubber soles.



Eye and hearing protection is compulsory



Use a dust mask when using compressed air for blowing drilled holes



Hi-Viz must be worn when installing product



Gloves must be worn when installing product



Hi-Viz Protective Clothing is to be worn

4. Equipment Required

- Compressor with air nozzle
- Hammer drill and bits
- Industrial vacuum cleaner
- Generator
- Epoxy and gun (refer SDS)
- Small hand tools
- Traffic Mngt Equipment (if required)

5. Qualifications and Competencies

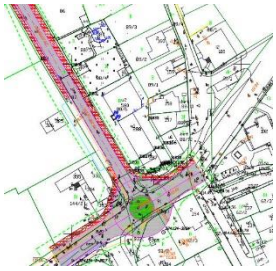


- Safe use of hand tools;
- Manual handling; and Road traffic management.

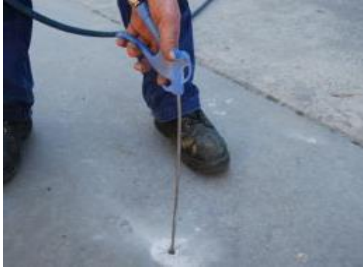





6. Documentation and Setup


- Ensure that the selected installer provides a copy of Public Liability Insurance, WorkCover, SWMS and plant service records. (No documentation - no job).
- Contact Dial before you Dig; if required (recommended)
- Ensure you are at the correct location and set up traffic control is to Australian Standards, or as advised and required by the client.



7. Installation

Step 1 – Identify right location	Step 2 – Base	Step 3 – Drilling
		
<p>Prior to installation, check the site installation plans and discuss with site management if required.</p>	<p>There are 4 holes available in the base but only 2 are required for the installation, 2 fasteners are supplied as part of the kit.</p>	<p>Place base down to mark location of holes to be drilled using the approach and departure as the locations for the coach bolts.</p> <p>Drill the 2 holes to a depth of 100mm.</p>

<u>Step 4 – Clearing the holes</u>	<u>Step 5 – Epoxy</u>	<u>Step 6 – Nylon plug</u>
		
<p>Using an air compressor blow out the dust and loose material in the holes.</p>	<p>Using a caulking gun with the Epoxy insert the nozzle into the hole. 3 trigger pulls per hole. Ensure you have a copy of the Epoxy SDS.</p> <p>Caution; The Chemset will go off quickly in warm weather, do not do the holes in advance or the fasteners will not be able to be inserted</p>	<p>Insert the nylon plugs into the holes tapping in with a mash hammer.</p> <p>Caution; there may be some Chemset splatter be sure you are wearing all PPE including safety glasses.</p>
<u>Step 7 – Securing the base</u>	<u>Step 8 – Positioning the post</u>	<u>Step 9 – Bend the post</u>
		
<p>Place the base and butyl pad over the holes and insert the 150mm Coach bolt with flat washer. Using the Ratchet and Socket screw down until firm against the base,;</p> <p>Insert the second Coach bolt and screw down firm against the base. The Epoxy will set hard securing the base to the surface.</p>	<p>Using a lubricant spray to moisten the hinge will help for easy insertion into the base mount.</p> <p>Ensure you have the post correctly orientated to the approaching traffic.</p> <p>Place the post hinge into the centre of the base and using the mash hammer carefully tap top of post to insert the post into the base down to the level indicators.</p>	<p>The final step in the installation process is to bend the post both forward and backwards to the ground to pretension the hinge</p>

Step 10 – Finish	Step 11 – Final checks and housekeeping
<div data-bbox="240 324 549 591" data-label="Image">  </div> <p data-bbox="185 658 608 748">The post is ready for incidental impacts and wheel overs within 15 minutes of install.</p>	<p data-bbox="639 338 799 367">Clean Worksite</p> <ul data-bbox="639 405 1481 696" style="list-style-type: none"> • Sweep any excess dirt or debris from the site & collect any left-over parts • Housekeeping practices adhered to and worksite is left clean and safe; and • Items have been fitted correctly and safely. • Workmanship is to specification; • Materials quality is acceptable; • Unused materials are removed; and • Quality checks performed. • Surrounds are restored to prior condition; and • No spillage and/or damage to any soil, habitat, atmosphere or drainage.

SOP REVISION UPDATES

SOP Amendment Level		
Rev #	Date	Comment
5	22/11/2023	a. PPE Icons updated – No Revision change
5	20/01/2022	a. Review by Manager – Supply, Safety and Systems – No Revision change (format only)
5	23/10/2020	b. New Format