

Glue-Down Speed Bump/End Cap Instructions

Materials Included

Rubber Speed Bump	Glue Down Kit (Steel Plates, Elevator Bolts, Lag Nuts)	End Cap(s) (purchased with speed bump kit or separately)
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What You Need

- Gloves
- Safety glasses
- Broom or Leaf Blower
- Paint mixer drill attachment
- Two-Part Epoxy
- Empty bucket
- Paint stick or similar to apply epoxy
- Traffic cones/barricades for securing site
- Socket wrench to tighten lag nuts

Installation Instructions

Step 1: Determine the location of your speed bump. Clear any debris or materials with a broom or leaf blower to ensure the area is completely clean and dry. Remove any oils or residue with soap or solvent and allow concrete surface to dry completely.

Note: The epoxy will work best on untreated concrete surfaces that are rough. Power-washing or sand-blasting the surface may increase the bonding strength.

Step 2: Insert elevator bolts through the steel plates, then insert through the bottom of the speed bump through the pre-drilled holes.

Note: There are two different sizes of steel plates. The larger plates are for the main speed bump section. The smaller plates are for the end caps (provided if purchased with speed bump kit).

Step 3: Insert lag nuts over the elevator bolts and tighten with a socket wrench. Do not over-tighten.

Step 4: Place the speed bump in the desired location. If using end-caps, attach to speed bump or position next to the edge. If the speed bump includes steel connecting rods, ensure these are installed as well.

Step 5: Flip the speed bump over directly next to the desired location (a second person might be needed depending on the installer's physical limitations).

Step 6: Using gloves and safety glasses, apply 2-3 oz. of mixed Two-Part Epoxy onto each steel plate. See Epoxy specification sheet for mixing instructions.

Step 7: Once epoxy is applied, flip the speed bump back over into the desired location (a second person might be needed depending on the installer's physical limitations). Walk over the speed bump to ensure a strong bond with the epoxy and concrete surface.

Step 8: Rope off the speed bump to traffic until the epoxy has cured (reference curing time on epoxy instructions).

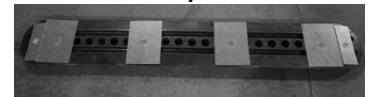
Step 3



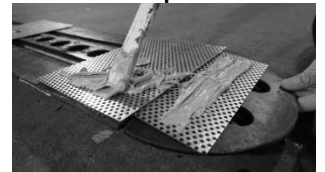
Step 4



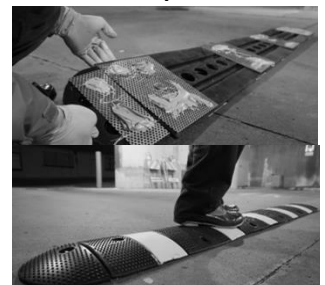
Step 5



Step 6



Step 7



Step 8



Epoxy Coverage Chart *(Based on optimal conditions, please use only as a reference)*

Glue Down Speed Bump Length (ft.)	Qty Epoxy Needed
0' – 14'	1 Qt. (2-part quart system)
12' – 27'	2 Qt. (2-part quart system)
25' – 40'	3 Qt. (2-part quart system)
38' – 53'	4 Qt. (2-part quart system)

Removing Speed Bump

Due to the nature of this product, an extremely strong bond is required to keep the unit in place. Therefore, the epoxy used is permanent. To remove the speed bump, loosen the hardware and lift the speed bump away from its location. The steel plate and elevator bolt will remain on the concrete surface. To remove the plate and bolt, use a hand chisel and hammer.

Note: Soaking the epoxy in paint thinner, acetone or mineral spirits may aide in removing the plate and bolt.

Application Instructions

CONCRETE PREPARATIONS

Remove all oil, grease, or contaminated concrete. Chip the surface down to sound aggregate. If chipping, grinding or sanding needs to be done, ensure all dust and residue is cleared before applying epoxy. Failure to do so will create a weak bond and the adhesion may fail. The concrete must be dry and have no standing water. Acid etching surface preparation procedures may result in poor bond and should be avoided. Do not prime or seal concrete surfaces.

CLEAN-UP

Uncured Premium Two-Part Epoxy can be removed from tools and equipment with non-flammable isopropyl alcohol, xylol or ketones.

SAFETY PRECAUTIONS

Avoid breathing of vapors. Forced local exhaust is recommended to effectively minimize exposure. NIOSH approved, organic vapor respirators and forced exhaust are recommended in confined areas, or when conditions (such as heated polymers, sanding) may cause high vapor concentrations. **DO NOT WELD, BURN OR TORCH NEAR, OR ON, ANY EPOXY MATERIAL. HAZARDOUS VAPOR IS RELEASED WHEN AN EPOXY IS BURNED.** Avoid skin or eye contact. Wash skin with soap and water if contact occurs. If eye contact occurs flush with water for 15 minutes and obtain medical attention. Read and understand all cautions on can labels and safety data sheets before using this material.