

SPEED BUMP - SPEED HUMPS - CAR STOP INSTALLATION INSTRUCTIONS

SPEED BUMPS, SPEED HUMPS & END CAPS:

Leave 1-3" between speed bumps for drainage and expansion. Product can be cut with a utility knife, if necessary.

For more than 4 trips per day with **heavy trucks** (e.g garbage trucks), or on an incline, install speed bumps using **BOTH** adhesive and hardware. Always install Speed Humps using both adhesive and hardware.

Not designed for speeds over 15 mph.

Sweepers must raise brushes before driving over. Remove when **snowplows** are in use.

Position Speed Bump, Speed Hump, End Caps or Car Stop and mark holes:

ASPHALT INSTALLATION- Use 5/8" washers and 14"x 1/2" rebar spikes:

1. Drill 1/2" diameter pilot holes through asphalt, or to depth of 3".
2. Clean installation area. Put product in place. Put washers in place.
3. For Speed Humps and Speed Hump End Caps and for 4 or more truck per day on speed bumps, also use adhesive. See instructions below.
4. Start all spikes before completely setting any.

CONCRETE INSTALLATION - Use lag screws with washer and shield:

1. Drill 3/4" holes, 2" deep and insert shield (threaded end goes in first). For maximum expansion the shield should protrude slightly above concrete surface before setting.
2. Clean installation area. Put product in place. Put washers in place.
3. Put bead of adhesive on leading edges of Speed Humps and End Caps.
4. Insert lag screw--start all lags before tightening any. Tighten with wrench until firm resistance is felt.

ADHESIVE INSTALLATION (Parking garages: adhesive alone is enough)

1. Prepare rubber product: Brush holes and blow out debris. Wire brush the bottom to remove any residue from the mold release used in the manufacturing process.
2. Put rubber product in place. Mark perimeter and drill holes (if using hardware).
3. Use 10 ounces of construction grade adhesive such as PL Premium Polyurethane, or a 2-tube epoxy such as Simpson ET-22, to install each rubber product. Buy these products locally. (Epoxy dries hard, while Urethane remains flexible. Use whichever product is appropriate for your application.)
4. Prepare installation surface: as per adhesive directions.
5. Mix enough epoxy for one installation **or** use a 10 oz. tube of PL Premium.
6. Fill the installation holes to 2" from top with adhesive.
7. Apply adhesive to bottom of Speed Bump/Speed Hump/Car Stop. Set in place.
8. Install washers and hardware (see instructions above).
9. If using adhesive only, place sandbags on top the affixed article until adhesive is dry to prevent unexpected movement of product.
10. Allow setting and curing time according to adhesive directions.