

# Installation Instructions

## Speed Bump & End Cap

**Site Safety:** Before installation, ensure work site is safe. If necessary, block off the roadway to prevent vehicle and pedestrian access, use appropriate signage and work barricades to delineate the work area. Ensure electric power leads and hand tools are safe, in good working condition and only used as per manufacturer's specifications. Remove any potential trip hazards, and use appropriate personal safety equipment (safety gloves, safety glasses, safety boots, etc.).

**Lag Bolt Method:** Recommended for asphalt or concrete traffic lanes where drilling holes is permitted.

**Tools Required:** Trimming knife, high-speed hammer drill with 5/8" masonry bit, impact wrench or heavy ratchet with a 3/4" socket and a hammer or mallet.

**Hardware:** One 1/2" lag bolt for each hole in the speed bump and end cap, one 1/2" washer and one 5/8" anchor for each lag bolt.

**Step 1:** Clear the application area of any obstruction or debris.

**Step 2:** Mark the site where you want the speed bump placed. The use of a chalk line or straight edge may be helpful.

**Step 3:** Join the end caps to each end of the speed bump. Position the speed bump in its installation position with the end caps. Push all sections tightly together. Make certain that the units are square and straight.

**Step 4:** Using the pre-drilled holes as templates, mark the location of each hole on the roadway's surface. Remove the speed bump & end caps. Using the high-speed hammer drill with a 5/8" masonry bit, drill a hole below the roadway's surface at each marked location to a minimum depth matching the anchor's length.

**Step 5:** Before you re-position the speed bump over the newly drilled holes, insert a lag bolt anchor into each hole (large anchor opening on top). Tap the anchor into the holes with a hammer so that the anchors are set flush with the surface.

**Step 6:** Reposition the speed bump and end caps into the installation position, aligning it over the holes. Slip a washer onto a lag bolt, insert the bolt through a pre-drilled hole in the speed bump and tighten the bolt about three-quarters of the way with a 3/4" socket. Repeat for each hole in the speed bump & end cap. Finish tightening each bolt until just snug.

**DO NOT OVER TIGHTEN!** Excessive tightening may damage the product and void the warranty.