

## How to Install a Carsonite<sup>®</sup> Channelizer<sup>®</sup> Marker Post

**CAUTION:** Always wear proper safety equipment. Read instructions completely before installation.

### Assemble the Marker Post

#### SUPPLIED Items:

Channelizer Tube (Round or Flat)  
 Flexible Rubber Base  
 ¼" – 20 x 2-3/4" Bolt  
 ¼" Flat Washer  
 ¼" – 20 Nylock nuts

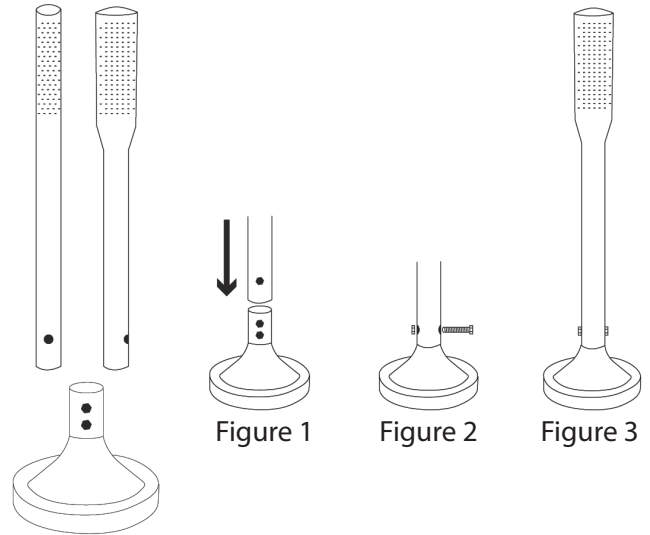
#### TUBE REPLACEMENT

Remove ¼" bolt and nut. Pull tube off boot. Insert new tube over base and align predrilled hole. Insert bolt and washer and fasten together.

#### NOTE:

Make sure pin or bolt is 90° to the road way.

1. Slide the tube onto the neck of the rubber base, ensuring that the hole in the tube lines up with the top hole on the neck of the rubber base. *See Figure 1.*
2. Slide one flat washer onto the bolt and fit it through the hole of the tube/base assembly. *See Figure 2.*
3. Slide a flat washer onto the bolt and thread the nylock nut till the fit is snug. DO NOT OVER TIGHTEN
4. The Channelizer is now ready for Epoxy or mastic installation to pavement or roadway. *See Figure 3.*



### APPLICATION WITH MASTIC

1. Clean asphalt or concrete surface in a 9" diameter circle with a wire brush, taking care to remove all loose particles and debris.

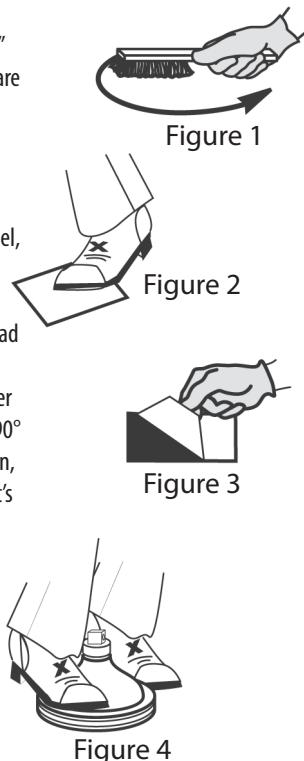
*See Figure 1.*

2. Remove one side of the release paper from the mastic adhesive. Place mastic on cleaned surface. Press down with toe or heel, then twist back and forth to press mastic down onto surface. *See Figure 2.*

3. Remove release liner from the mastic pad on the road surface. *See Figure 3.*

4. Align the marker in desired position over mastic. Make sure tube attachment pin is 90° to the roadway. Press the rubber boot down, onto the mastic pad. Then step on the boot's perimeter and walk around unit.

*See Figure 4.*



### APPLICATION WITH EPOXY

1. Clean asphalt or concrete surface in a 9" diameter circle with a wire brush, taking care to remove all loose particles and debris.

*See Figure 1.*

2. Pour approximately 6 oz. each of Epoxy Parts A and B into a mixing tray and mix until it's a uniform gray color.

3. Apply the Epoxy evenly to the cleaned dry surface. Form a solid circle 6" in diameter with the Epoxy. The Channelizer's rubber base must be placed on the Epoxy within 10 minutes to insure proper bonding.

4. Position the Channelizer's base assembly over the Epoxy. Press the base onto the Epoxy. **IMPORTANT: Align holes with the traffic direction. NOTE: Allow 90 minutes for the Epoxy to dry thoroughly.**

#### NOTES:

1. 1 quart "A" and "B" bonds approximately 16 markers. 1 gallon "A" and "B" bonds approximately 64 markers.

2. Cure time at minimum temperature of 65°: 10 minutes gel, 90 minutes set, 24 hours full cure. These times decrease with higher temperature.

3. **WARNING: Epoxy may cause eye injury and skin irritation. Avoid contact with eyes, skin or clothing. Avoid prolonged or repeated breathing of vapor. Use with adequate ventilation. In case of contact with eyes or skin, immediately flush with plenty of water for 15 minutes. Get medical attention for eye or skin irritation. Refer to material safety data sheet for more information.**

#### IMPORTANT:

When applying reflective sheeting use only approved 3M #3810 Series Flexible High Intensity Grade or Reflexite AP1000 materials.