

The way the road should be!



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2 Part Epoxy Mixing and Application:

Installation Instructions for installation on Asphalt or Concrete.

Caution: Always wear protective clothing and personal protective equipment (PPE) such as eye protection, work gloves and steel toe work boots while doing the following work.

SURFACE PREPARATION

All surfaces should be clean, free of dirt, dust, grease, oil or any foreign material that will prevent the proper bond of the adhesive to the surface. The surfaces should be structurally sound and secure.

For best results, it is recommended that the surfaces be lightly sandblasted before application of the adhesive.

Do not apply epoxy adhesive or markers unless the road surface is dry.

MACHINE MIXING

Both components should be stored for a minimum of 24 hours prior to use at temperatures of 77°F (25° C). or higher. It is recommended that in-line heaters be used in automatic mixing and metering equipment to raise the temperature of the product prior to mixing and use. Much more rapid cures can be obtained if both components are heated while in the machine at 110°F (43.3° C) to 120°F (48.9° C).

The applicator is particularly cautioned to check the mixing and metering heads prior to commencement of work each day. It is important that he accurately determine that he has obtained a proper mixing ratio of 1 part of Component A to 1 part of Component B by volume. After determining that the ratio is correct, he should also determine if there is a thorough and complete blend to a uniform gray.

HAND MIXING

Accurately measure out equal amounts of Component A and Component B. Only mix the amount of material that can be used within the working life of the product. At normal temperatures it is not recommended to mix over 3 or 4 oz. (89-118 ml) at a time.

Thoroughly blend both components until an even gray is obtained.

APPLICATION OF EPOXY

For hand mixing and machine mixing, a predetermined amount of epoxy is placed onto the base of the marker. With the Tube Kits, a predetermined amount is spread to desired thickness on the surface.

Place the marker with the adhesive on the road surface using sufficient pressure to ensure a visible bead of adhesive around the perimeter of the marker. Excessive epoxy in front of the reflector should be scraped aside. Excessive pressure on markers may result in insufficient adhesive remaining under the marker. PROTECT THE AREA FROM TRAFFIC UNTIL THE ADHESIVE IS SET.

NOTE: DO NOT STEP ON MARKERS AFTER PLACEMENT OF THE ADHESIVE. SIMPLE HAND PRESSURE IS ALL THAT IS NEEDED TO ENSURE ADEQUATE PERFORMANCE.

NOTE: Do not apply when the road surface or air temperature is below 50° F (10° C). Only apply when the road surface and air temperature is above 50° F (10° C) and is anticipated that it will remain above 50° F (10° C) for the following 24 hour after application. When applying at cooler temperature, precondition material to approximately 77°F (25° C) prior to application.

Marker Adhesive Guide:	
Temp. F (C)	Set Time (hrs.)
110 (43.3)	1/4 to 1/2
100 (37.8)	1/2 to 3/4
90 (32.2)	1 hr. To 1-1/2 hrs.
80 (26.7)	1-1/2 hrs. to 2-1/4 hrs
70 (21)	3 to 4 hrs.
60 (15.6)	4 to 5 hrs
50 (10)	6 to 7 hrs.

CAUTION:

Minimum application temperature 40 ° F (4.4°C)

Do not thin, solvents will prevent proper cure.

Moisture passing through substrate by pressure during application curing of the epoxy will cause bond failure.