

RAISED PAVEMENT MARKERS

INSTALLATION INSTRUCTIONS

This procedure outlines the recommended steps for the installation of the Stimsonite Model C80, 80, 980, 911, C88, 88, 953, & 948 Raised Pavement Markers with epoxy.

Mixing the epoxy

Combine and mix Stimsonite or other epoxy (meeting AASHTO Designation M 237, Type IV) just prior to anchoring the markers. Automatic dispensing equipment is recommended. Hand mixing should be limited to very small projects. When using Stimsonite epoxy, combine equal parts of component A and component B. Mix thoroughly. Properly mixed, the epoxy will be uniform gray, without visible streaks. (Follow manufacturer's instructions for other approved epoxy.) Typical cure times for Stimsonite supplier epoxy are 7 minutes at 85°F and 60 minutes at 50°F.

Caution: Epoxy adhesive cures best at temperatures above 60° F (15.5° C) and low relative humidity. Do not install markers at temperatures lower than 50° F (10° C) or when relative humidity is above 80%.

Determine where to locate the marker

Mark the locations of the raised pavement markers. When using raised pavement markers to supplement a solid pavement stripe, offset the markers a minimum of 2" from the edge of the stripe. When using raised pavement markers to supplement a dashed stripe, locate the marker in the gap in line with the stripe. This permits repainting without affecting the raised pavement markers' reflectivity.

NOTE: Do not locate markers over joints or cracks in the pavement surface; do not place over existing paint, epoxy or thermoplastic. Marker location must be flat.

Prepare the pavement surface

The pavement surface must be clean and dry, at least 24 hours since any significant rainfall. Use a wire brush, if necessary, to loosen and remove dirt. Brush or blow clean.

Apply adhesive to pavement

Position melter-applicator over desired marker location and dispense a puddle of adhesive approximately 6" in diameter.

Place the raised pavement marker

Place the marker onto the adhesive puddle, aligned with existing lines. Press the marker lightly onto the adhesive. The reflective faces must be perpendicular to traffic. Do not allow adhesive to flow onto the reflective face or build up in front of it.

IMPORTANT: Marker must be placed onto the adhesive as quickly as possible, preferably within five seconds of adhesive placement.

NOTE: Adhesive will set up in approximately two minutes and typically requires no protection from traffic.