

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 bituminous adhesive.

Prepare bituminous adhesive

Bituminous adhesive is a hot melt material packaged as a solid block. Remove the outer carton from the adhesive block, and break the material into chunks, typically with an axe. Deposit material into thermostatically controlled melter-applicator equipment. Heat the desired quantity of adhesive to a temperature recommended by the manufacturer. Stir the material frequently to ensure even heating.

NOTE: Do not overheat the bituminous adhesive.

NOTE: Start-up typically requires 20-30 minutes. Ambient temperature should be at least 35°F during application or as recommended by the adhesive manufacturer.

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.

NOTE: If unsure of moisture in the pavement, prepare the installation area with a propane torch to remove any additional moisture.

Apply adhesive to pavement

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

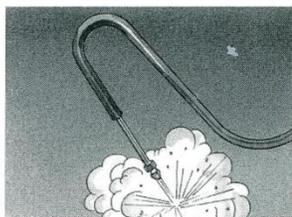
NOTE: When installing on open-graded friction course, a second dose of adhesive is recommended.

Place the raised pavement marker

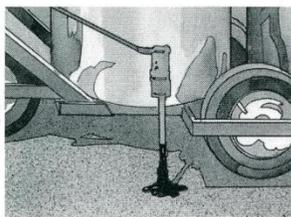
Place the marker onto the adhesive puddle, aligned with existing lines. Press the marker lightly onto the adhesive. The reflective faces must be perpendicular to traffic. Do not allow adhesive to flow onto the reflective face or build up in front of it.

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 2 minutes and typically requires no protection from traffic.



Prepare surface — must be clean and dry.



Apply adhesive to selected location.



Place marker onto adhesive and press lightly.