



**Technical Data Sheet**  
**B22 Road Marker Adhesive**

B22 Road Marker Adhesive is a two-component, one to one by volume mix ratio epoxy for placement of raised and/or recessed traffic markers and traffic lane delineators. B22 is 100% solids, zero VOC with the ability to cure over a wide temperature range. B22 is formulated to adhere well to both Portland cement concrete and asphalt paving. The heavy bodied consistency of the mixed material wets the substrate and marker well giving excellent adhesion by filling in surface irregularities without flowing into the surrounding area.

The B22 is easily mixed by hand or can be dispensed using 1:1 meter mix equipment.

**Typical Uses Include:**

Raised Traffic Marker Adhesive	Recessed Traffic Marker Adhesive	Traffic Lane Delineator Adhesive
--------------------------------	----------------------------------	----------------------------------

**Typical Properties:**

Color Part A	White	Color Part B	Black
Mix Ratio by Volume	1 : 1	Mix Ratio by Weight	100 : 91.65
Gel Time (100g @ 75° F)	9-12 min	Temp. limits for ambient application	50°-95° F
Traffic Ready @75° F	About 2 hours	Full Cure@ 75° F	7 days
Adhesion (ASTM D 4541)	Substrate failure	D Hardness (ASTM D 2240)	65-75

**Packaging:**

	<b>2 Gallon Unit</b>	<b>10 Gallon Unit</b>
Part A Resin	1 gallon in a one-gallon pail	5 Gallons in a 5-gallon pail
Part B Hardener	1 gallon in a one-gallon pail	5 Gallons in a 5-gallon pail

**Surface Preparation:**

For Concrete: Apply only to a clean, dry, sound substrate, free of curing compounds, oils, grease, surface laitance or any other contaminants. Using a solvent-soaked rag may remove most oil stains and existing markers, however, sand blasting or grinding may be required to fully remove these contaminations.

**Installation:**

Temperature of the substrate must be a minimum of 5° F above the dew point to prevent moisture condensation. Concrete must be saturated surface dry as a minimum. Do not install adhesive over glistening moisture. Sand blasting or grinding may be required to remove oil stains and existing markers.

Use of 1: 1 meter mixing equipment is the most efficient manor to apply the adhesive. A minimum of 24 elements should be used in the static mixing head. For best results, once the adhesive is dispensed, use a tool to “butter” the adhesive to the substrate to evacuate all air from the surface.

Hand mixing is an acceptable means to apply the adhesive. Carefully measure equal volume portions of Part A and Part B. Mechanical mixing using a drill motor and mixer, such as a Jiffy Mixer or equivalent, is preferred to hand mixing to provide a more uniform product. Mix the material until uniform in color, normally 90 seconds. Then scrape the sides and bottom of the mixing vessel to ensure no unmixed material remains on the vessel walls. Mix for an additional 30-60 seconds or until adhesive is homogeneous and no streaks remain. The mix can then be smeared onto the substrate being sure to “butter” the adhesive well against the substrate. A spatula or other tool with rounded head can be used to create a cove around the traffic marker if desired.

Clean all tools using a suitable solvent such as Xylene or MEK.

**Safety Information:**

Danger: Personal protective equipment must be worn during the installation of this coating. This will include but may not be limited to safety glasses with side shields, impermeable gloves, long sleeves and, if applicable, properly fitted respirator. May cause eye burns and skin irritation. Vapor/mist is harmful. Dried film of this coating may be harmful if eaten or chewed. Refer to the Safety Data Sheet (SDS) for detailed safety information. This coating is intended for industrial or commercial application. The adhesive should only be installed by trained, professional personnel.