

# Pavement Markings

## Preformed Thermoplastic



**TRAFFIC SAFETY  
SUPPLY COMPANY**



## FEATURES

TSSCO supplies a complete line of durable preformed thermoplastic products engineered to provide optimal performance, lasting value, and to extend the life of your pavement marking program.

PreMark® pavement markings are formulated with the highest quality resin, binder, aggregate, glass bead, and pigment systems. Depending upon regulatory requirements or specific application purposes, PreMark® pavement markings are offered with the following options:

**Note: Specifications are approximate and subject to change. Some parts shown may be for illustration purposes only.**

### BD = Beaded

Factory-applied surface beads and intermix beads are uniformly distributed at time of manufacturing so that as the marking wears, new beads are exposed.

### VG = ViziGrip® visibility & anti-skid treatment

A unique pattern of surface beads and anti-skid elements that ensure maximized skid resistance and retroreflectivity. Used for crosswalks, bike symbols, accessibility markings, interstate shields, and other pedestrian uses.

### NB = Non-Beaded

No factory-applied surface beads; typically used for reversible arrows where beads are dispersed evenly over surface during field application.

### SK = Skid Only

Anti-skid elements are on the surface and the intermix for enhanced skid resistance; no glass beads. Primary purpose is for preferential lane treatments and bike boxes where retroreflectivity is not required.

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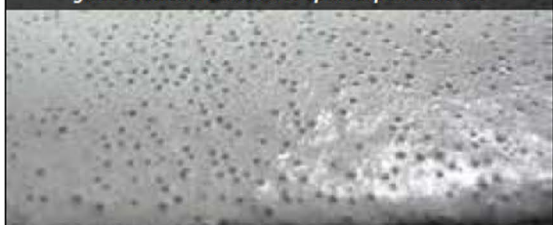
From single-colored linear markings to multi-colored surface signage, PreMark® pavement markings are available in standard FHWA designs that are compliant with the Manual on Uniform Traffic Control Devices (MUTCD). Custom designs are available where regulatory compliance is not required.



*Material before heating*



*Material after heating with ideal 60%  
glass bead embedment for optimal performance*



## BENEFITS

- » No Preheat type of preformed thermoplastic material.
  - » Preheating the road surface is not required.
  - » No minimum road or ambient temperature requirements so pavement marking season can be extended; apply any time of year.
- » Pre-cut and ready to use out of the box. Simple application does not require major capital investments in application equipment.
- » Clean edge appearance; no “alligator” cracking that can occur with hot-applied thermoplastic.
- » Durable; lasts 6 to 8 times longer than paint.
- » Minimal mobilization costs allows quick response to maintenance projects.
- » Twenty-four month shelf life allows broader options for inventory management.
- » Modifies easily in field with razor knife or heavy duty scissors if required.
- » Easy to repair if road or utility maintenance requires a portion of the marking to be removed.
- » Sustainable product with small environmental impact. Recycled materials make up 60% of the product.

## STANDARD REGULATORY COLORS



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**Multi-colored markings have interconnected material for ease of handling and application.**

## SIMPLE APPLICATION

PreMark® pavement markings are made for use on public streets, highways, local roads, and airport landside areas as well as parking lots and roadways at shopping centers, school campuses, business parks and more — especially at intersections with heavy traffic where durability and proven performance is a must-have.

Applying PreMark® pavement markings is fast, safe, and cost-effective with an industrial propane heat torch such as the Flint 2000EX®. It does not require preheating the pavement and doesn't have any minimum road or air temperature requirements.

The top surface of the material has regularly-spaced indents, or heating indicators, which provide a visual cue during application that the material has reached a molten state, indicating satisfactory adhesion and that proper bead embedment has been achieved. The indents also provide a post-application visual cue that the application procedures have been followed. A recommended sealer is required when applying PreMark® pavement markings on concrete surfaces and for large, multi-colored specialty markings and colorized lanes.

**ENHANCED VISIBILITY:** With high initial and retained retroreflectivity, PreMark® pavement markings provide enhanced brightness and better visibility throughout the service life. In addition to the intermixed glass beads within the material, factory-applied surface glass beads deliver the visibility of bigger beads and the durability of smaller beads.

**ENHANCED DURABILITY:** Engineered as a true heavy-duty intersection grade pavement marking, they provide optimum wear in adverse conditions. When properly applied, Pre-Mark® pavement markings do not slip, peel up, or, in any way, lose its adhesion. They can last 6 to 8 times longer than paint under similar conditions.

**IMPERVIOUS TO OIL AND GAS:** PreMark® pavement markings are oil and gas impervious, yet compatible with all asphalt surfaces. They can be inlaid or applied on freshly-set asphalt.

**WORKER & ENVIRONMENTAL SAFETY:** With no lead chromate, heavy metal compounds or VOCs, PreMark® pavement markings are non-hazardous based on current EPA and OSHA standards either during application or removal.

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