



StreetBond® Thermo

Preformed Thermoplastic Pavement Markings



Description:

Durable, colorful, skid-resistant pursuant to ASTM E303, and available in retroreflective options, StreetBond® Thermo pavement markings are the easy-to-install messaging solution for your asphalt or concrete pavement project. From simple traffic lines to creative crosswalks, and from options to meet regulatory requirements to decorative custom logos, StreetBond® Thermo markings go down easy.

StreetBond® Thermo preformed thermoplastic pavement marking material is adhered to asphalt and concrete pavements by means of heat fusion of the preformed thermoplastic with a propane torch or infrared heater and with 1:1 2-part epoxy primer.

- Factory-integrated skid-resistant aggregate creates a design that meets ASTM E303 standards for slip resistance.
- StreetBond® Thermo is available in both retroreflective and non-retroreflective options. Retroreflective options contain retroreflective glass beads to provide both high initial retroreflectivity and better visibility throughout its service life.
- StreetBond® Thermo is available in twelve (12) standard colors and nine (9) premium colors.
- StreetBond® Thermo provides protection against the detrimental effects of common roadway substances such as motor fuels, lubricants, and hydraulic fluids.*
- StreetBond® Thermo conforms to the pavement contours and its resealing characteristics allow it to fuse to itself.
- StreetBond® Thermo has heat indicators evenly distributed on the surface which act as visual signs to aid the installer in determining when material has reached molten state and proper installation is achieved.

* StreetBond® limited warranties do not provide coverage for chemical exposure. Refer to streetbond.com for more information on limited warranty coverage and restrictions.

Material Composition:

StreetBond® Thermo is composed of aggregates, pigments, and binders which have been factory-produced into a finished product.

Heating Indicators: The top surface of StreetBond® Thermo has heat indicators to aid the installer in determining when material has reached its molten state and proper installation has been achieved. In addition to the heat indicators, the following visual signs will signify satisfactory adhesion and proper installation.

- Material edges will relax and slant downward.
- Small bubbles and/or steam may be visible.
- Satisfactory adhesion is achieved when material conforms to the substrate.

Thickness: Minimum average thickness of 90 mil (2.286 mm) or 125 mil (3.175 mm) as specified.

- Standard Colors are available in 90 mil and 125 mil.
- Premium Colors are available in 125 mil only.

Protection Against Wear and Tear:

StreetBond® Thermo provides protection against the damaging effects of water, UV, and other adverse weather conditions.

Installation:

Prior to application StreetBond® Thermo remains flexible and capable of being handled without breaking at temperatures at or above 50° F. Without preheating of the substrate, StreetBond® Thermo is fusible to asphalt or concrete by means of a propane torch or infrared heater and 1:1 epoxy primer.

- Apply StreetBond® Thermo in accordance with manufacturer's recommendations. Refer to *StreetBond® Thermo Application Instructions* for surface preparation and installation instructions.
- 1:1 epoxy primer is required on all substrates.
- ALL moisture must be completely removed from the surface prior to application.
- Application site must be clean and free of all debris.
- All previous pavement markings must be eradicated.
- Application surface must be free of concrete curing agents. Material can be applied to new concrete, wait at least 30 days or until the concrete has sufficiently cured before installing.
- Manufacturer recommends a torch with a rating between 210,000 and 600,000 BTUs.

Packaging:

StreetBond® Thermo is packaged in suitable cartons clearly labeled with Item Description, Material Thickness, Manufactured Date, and Batch Number for ease of identifying the contents.