

Thermoplastic Road Marking Paint

Everything for traffic safety



TOURAN TRAFFIC manufactures and supplies a full line of durable thermoplastic road marking paint in C5 hydrocarbon resin formulations engineered to meet your specification whether **AASHTO, BS3262, EN1871, Chinese Standard, or other commercial based.**



Description of Touran's THERMOPLASTIC ROAD MARKING PAINT.

Thermoplastic road marking paint is a 100% solid, environmentally and user safe compound containing binder, pigments, glass beads, performance additives, and fillers, which becomes liquid when heated over 180~200°C (356~391°F). Pigments provide color and chromaticity performance; fillers, such as calcium carbonate, add bulk and provide a certain strength and anti-skid performance; and binders, performance additives, provide toughness, flexibility and bond strength while holding all the components together. Intermixed and drop-on glass beads provide retroreflectivity for nighttime visibility of the pavement marking. There are generally four types of applications.



Benefits of using TOURAN's THERMOPLASTIC ROAD MARKING PAINT

Superior performance:

- Excellent adhesive property, Abrasion resistant for durability,
- Stability and long-term reflective ability
- Mechanically adheres to all asphalt pavements
- Adhesive bond to concrete (requires primer for application)

Extended durability results from:

- Intermix beads for maintained retroreflectivity
- Flexible application thicknesses
- Strictly abide by the construction process

Flexible application performance:

- Fast dry, < 3 minutes at temperatures as low as 25°C(77°F). Engineered to minimize lane interruptions and closures
- Applied by spray, extrusion, screed to realize flat line, dot line, ribbon line, convex line.

Complete thermoplastic product line available in lead-free yellow

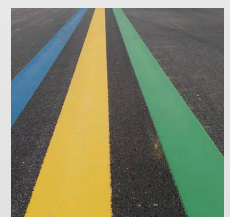


There are two kinds of packaging for option

One is 25kg compound-plastic bag, It is general packaging method. Another is a kind of EVA melted bag, It can be melted with thermoplastic paint, and can improve the performance of the paint to a certain extent. It is customized packaging.

Standard Color:

Both White & Yellow are commonly used color. Besides, a specially formulated black, Blue or Green thermoplastic paint, used with white or yellow combination, enhances visual contrast on concrete or light-colored asphalt.



Above statements, technical information and recommendations contained herein is based on our present knowledge. It is intended to furnish general remarks on our products and their application. Therefore, the information should neither be taken literally nor as a guarantee for special characteristics of products or useful fields of application, and it implies no liability or other legal responsibility on our part. We reserve the right to make any changes according to technological progress. If you have any questions or doubts please don't hesitate to contact with us.



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From Parking lots, Urban road to Express Way, Mountain Road, and more, TOURAN TRAFFIC can help you determine the right Touran's Thermoplastic specification for your thermoplastic road marking project.

What kind of paint specification should be selected for different application methods?

Formulated to meet AASHTO-M249 or BS3262/EN1871

- User-friendly formulation for fast melting.
- Excellent performance in wide range of application conditions.
- Applied by conventional extrusion, ribbon extrusion, or spray.
- Economical refurbishment for touching up worn quickly by spray application.



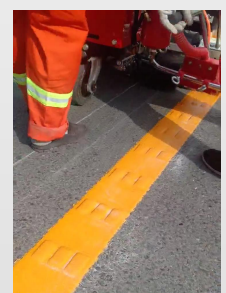
Formulated to meet Chinese JT/T280

- Cost-effective alternative for use in wide range of application conditions.
- Durable alternative to paint for skip lines, edge lines, or center lines.
- Especially for use on new asphalt road, cost-effective is more obvious.
- Applied by conventional screed with the proper glass beads, adds additional retroreflectivity.



Formulated to CONVEX LINE [PROFILED LINE], to meet Chinese JT/T280

- Specialized formulation provides improved durability, crack resistance, abrasion resistance, compression resistance and adhesion in adverse conditions.
- Convex (profiled) markings to enhance wet-reflective visibility.
- Delivers an audible delineation and “rumble” to alert motorists of lane departure.



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