



Visibility Today. Safety Tomorrow.

**THERMOPLASTIC
ROAD MARKING PAINT AND
ROAD SAFETY SOLUTIONS**
SETTING BENCHMARKS IN ROAD SAFETY SOLUTIONS



ABOUT US

M K Industries is a trusted manufacturer, supplier and applicator of high-quality thermoplastic road marking paint and road construction solutions. Our flagship “**MK Super White**” paint ensures superior brightness, durability, and long-lasting visibility for all types of roads.

We specialize in both road marking and road construction solutions across highways, urban roads, industrial zones, parking areas and airports.

Why Choose M K Industries

- Superior raw materials & strict quality control
- High visibility & weather-resistant markings
- Durable performance in heavy traffic conditions
- Competitive pricing
- On-time delivery & technical support
- Custom solutions for projects of all sizes

Quality Assurance

- National & State Highways
- Urban & Rural Roads
- Industrial & Warehouse Markings
- Parking Areas
- Airports & Runways
- Toll Plazas & Smart City Projects

Our Mission

To provide innovative, durable, and safe road marking solutions that contribute to improved traffic management and road safety.

Our Vision

To become a leading name in road marking solutions by delivering consistent quality, adopting advanced technology, and building long-term customer relationships.

Client Satisfaction

We believe in long-term partnerships and strive to exceed customer expectations through dependable products and responsive service.

General Problems/Solutions

- **Patchy reflection at night:** Improper spray of Glass Bead. Delay in spraying of Glass Bead.
- **Blackening of Strips:** Applied over new-carpeted Road. Excessive drop on Glass Beads.
- **Bubble Formation:** Applied at high temp. (Over 200°C)
- **Cracking:** Due to expansion and contraction of road surface by changing of weather. Uneven screed to TRM mixture.
- **Peel off:** Applied over dirty or wet surface. Material applied at low temperature.

THERMOPLASTIC ROAD MARKING PAINT PRODUCT DESCRIPTION



Thermoplastic Road Marking Paint is a hot-applied road marking material composed of resins, pigments, glass beads, fillers, and additives. When heated and applied on the road surface, it forms a highly durable, reflective, and weather-resistant marking, ensuring excellent visibility and long service life.

Key Features

- Hot applied at 180°C – 200°C
- Excellent night-time visibility due to glass bead reflectivity
- High skid resistance for traffic safety
- Strong adhesion to asphalt and concrete surfaces
- Quick setting and ready for traffic within minutes
- Resistant to abrasion, UV rays, oil, and weather conditions

Technical Properties

- Application Thickness: 2.5 mm – 3.0 mm
- Softening Point: Above 100°C
- Reflectivity: High retro-reflectivity with glass beads
- Strong adhesion to asphalt and concrete surfaces
- Drying Time: 3–5 minutes (depending on temperature)
- Durability: 2–3 years (traffic & climate dependent)

Available Colors

- White
- Yellow
- Customized shades on request

Applications

- Highways & Expressways
- City & Municipal Roads
- Parking Areas
- Industrial Zones
- Toll Plazas
- Airports & Runways

Advantages

- Long-lasting and cost-effective
- Reduced maintenance frequency
- Superior visibility in day & night conditions
- Performs well in extreme weather



Standards & Specifications

- Conforms to MoRTH, IRC, IS standards
- Suitable for National Highways, State Highways & Urban Roads

Packaging

- 25 kg HDPE bags
- Moisture-proof & easy to handle

Storage & Shelf Life

- Store in a cool, dry place
- Shelf life: 12 months from date of manufacture



**WE DON'T
JUST MARK
ROADS—
WE PROTECT
JOURNEYS.**

APPLICATION PROCEDURE

01

Do not hold thermoplastic above 180°C for more than 6 hours

02

The surface must be dry and free from debris before commencement of application

03

Change in colour indicates that the material has been scorched due to overheating and needs to be discarded

04

Heavy deposits of paint require removal

05

Do not heat the material above 220°C at any point of time

06

Ensure that the primer is thoroughly dry any void of solvent prior to application of the thermoplastic material

07

For aged asphalt roads and concrete roads, a primer coat is recommended for proper bonding of the material with the road surface

08

Heat the material to 180°C - 200°C in the pre-heater with adequate agitation till the material becomes a homogenised liquid

MARKETS SERVED



M K Industries serves a wide range of markets by providing high-quality thermoplastic road marking paint and applicator machines designed for durability, safety, and high performance.

Infrastructure & Road Development

- National Highways & Expressways
- State Highways
- Urban & Rural Roads
- Smart City Road Projects

Government & Public Sector

- PWD (Public Works Department)
- NHAI Projects
- Municipal Corporations
- Road Development Authorities

Industrial & Commercial

- Industrial Parks & SEZs
- Factory Premises
- Warehouses & Logistics Hubs
- Private Campuses

Parking & Traffic Management

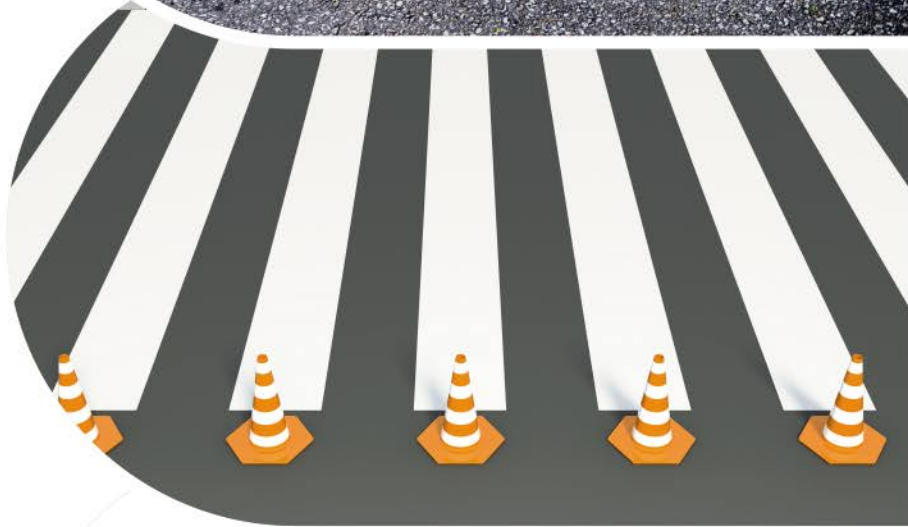
- Commercial Parking Areas
- Malls & Shopping Complexes
- Residential Societies
- Hospitals & Educational Institutions

Transportation Hubs

- Airports & Runways
- Toll Plazas
- Bus Terminals
- Railway & Metro Depots

Contractors & EPC Companies

- Road Contractors
- Infrastructure Developers
- EPC & Turnkey Project Companies

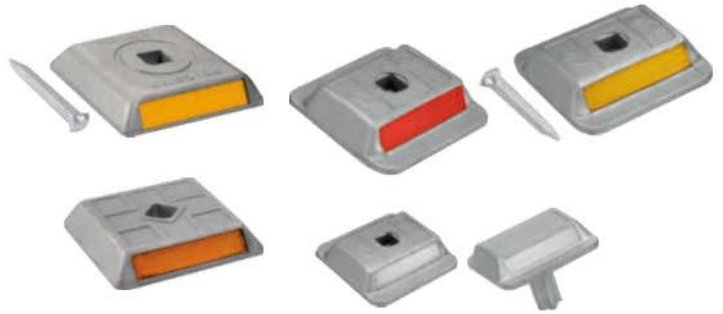




Semi Automatic Road Marking Machine



Road Studs (Aluminium Alloy Pressure Die Cast)



Solar Road Studs



ABS Plastic Road Studs



Modular Speed Breaker



Folding Portable Speed Breaker



Raised Pavement Marker / Cat's Eye / Road Studs



Median Marker



Convex Mirror



Delineator



50mm dia 600mm Long
 75mm dia 900mm Long
 75mm dia 1200mm Long
 45x45mm 1200mm Long
 63x25mm
 63x25mm
 Available in 600 mm and 1000 mm



Fixing Adhesive



PVC Safety Cones & Delineator



(Medium base) Weight: 1.1 Kg Height: 450mm Base: 260x260mm
 (Light base) Weight: 1.2 Kg
 (Heavy Weight) Weight: 3.5 Kg Height: 750mm Base: 380x380mm
 (Heavy Weight) Weight: 4.3 Kg Height: 750mm Base: 380x380mm
 (1 Meter Cone) Weight: 5.5 Kg

Spring Posts / Reboundable Delineator



LIST OF OUR MAJOR THERMOPLASTIC ROAD MARKING PROJECTS

S. No.	Name of Client	Name of Project	SQ. Mtr.	Status
1	Sky Lark	Delhi to Calcutta (NH19)	50000	Completed
2	K.C.C	Delhi to Katra (Phase-8)	42000	Completed
3	R.K Earth Movers	Bahadurgarh to Sonipat	20000	Completed
4	R.K. Earth Movers	Bahadurgarh to Beri	12000	Completed
5	S.K.S Rohtak	Rohtak to Rewari	25000	Completed
6	S.K.S Rohtak	Rohtak to Panipat	22000	Completed
7	M.S.C Hissar	Rohtak City (HUDA)	18000	Completed
8	M.G Enterprises	Gurgaon City (GMDA)	15000	Completed
9	Ruhil Infra Pvt. Ltd.	Meham to Gohana	10000	Completed
10	Deswal Construction Co.	Badahurgarh City	8000	Completed
11	Om Tech Construction	Panipat Refinery	25000	Completed
12	Udayseen Infrastructure Pvt. Ltd.	Delhi to Katra (Phase-7)	40000	Completed

Our Thermoplastic Road Marking Projects

MK Industries has successfully supplied thermoplastic road marking paint and applicator solutions for a wide range of road marking projects across various sectors. Our products are trusted for their durability, high visibility, and consistent performance, especially on bituminous (asphalt) road surfaces.

Proportions of constituents of the Marking Material		
Components	White	Yellow
Binder	18.0 Min.	18.0 Min.
Glass Beads	30-40	30-40
Titanium Dioxide	10.0 Min.	Offers a longer
Calcium Carbonate & Inert Fillers	42.0 Max.	As Per
Yellow Pigments	—	Manufacturer

Components	White		Yellow	
	As per MoRTH	MK INDUSTRIES SUPER WHITE	As per MoRTH	MK INDUSTRIES SUPER WHITE
Daylight Luminance (at 45°C)	65% Minimum	> 84%	45% Minimum	> 50%
Drying Time	Not more than 15 Min	< 8 Min	Not more than 15 Min	< 8 Min
Cracking resistance at low temperature	Shall show no crack on application to concrete block	Pass	Shall show no crack on application to concrete block	Pass
Softening Point	102.5 ± 9.5°C	98 to 105°C	102.5 ± 9.5°C	98 to 105°C
Flow Resistance	Not more than 25%	< 4%	Not more than 25%	< 4%
Yellowness Index	Not more than 0.12	< 0.05	N.A.	N.A.



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