



Reflective Pavement Markers



AUTOMARK
INDUSTRIES (INDIA) PVT. LTD

Automark Group of companies is the leading Manufacturer & Trader of Thermoplastic Road Marking Materials, Drop-on Glass Beads, Concrete Primer, Road Marking Machineries & Contractors for execution of Thermoplastic Road Markings in India since 1998, as well as Exporters of all types of Thermoplastic Road Marking Materials & Machineries.

Achievement of Automark Group:

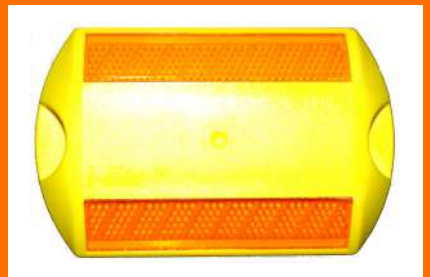
- ▶ Automark group has successfully completed more than 1,00,00,000 m² Road Marking work for NHAI & various State Highways.
- ▶ More than 15,00,000 m² work is in Progress.
- ▶ Our Material & works are approved by prestigious consultants such as – NHAI, Wilbur Smith, SMEC, Span, Scott Wilson, LASA, ICT, Feedback, Egis India etc.
- ▶ To add one more feather in the cap now we have manufactured the Reflective Pavement Marker [RPM] (Alias Road Studs, Cat Eyes) with state of the art manufacturing process under the brand name "**i-lite+**".



White Body-Red Lens



White Body-White Lens



Yellow Body-Amber Lens



Characteristics	Advantages	Benefits
Tough Engineered Body	Provides High Compressive Strength	Ensures longevity in life of RPM
	Tough , Durable and Stable	Very low damages even with heavy laden vehicles
	Unbreakable & Shock Resistant	Improves Performance and Stability and reduces product damages
	Brand Name	Embossed Brand Name upon the body that shows the quality of the product
	Deeper & Wider finger grip	<i>i-lite+</i> RPM gives deeper finger grip for easy installation
Body Colours	Red Body With Red Lens	<i>i-lite+</i> RPM gives the benefit of same body colours as lens which enables clear vision to the driver in day time
	White Body With White Lens	
	Yellow Body With Amber Lens	
Lens	Excellent Brightness	Improves visibility at high risk locations
	Good visibility for all types of traffic	Visible in darkness and unfavourable conditions such as Rain, Fog and Storm
	Define the riding area for safe movement of traffic	Guides driver in difficult or confusing traffic at night time
		Alerts driver without diverting their attentions from the road
	Alerts drivers while approaching curves	Wide angularity and high luminance
		Long lasting reflectivity and performance
Body Base	Elevated	The base of RPM is elevated for proper gelling, bonding with the epoxy & road surface
		The Epoxy used for fixing is good for cement concrete as well as asphalt surface
Temperature & Weather Resistant	Suitable for all types of weather condition over a long period of time	Uniform visibility in all types of weather
		Body designed to suit Indian weather conditions
Scratch and Abrasion Resistant	Resistance to penetration of rain water and dust	Zero effect on reflectivity even in rain, moisture & dew
		Better grip and strength
Rumble Effect	Alerts driver during lane crossing	Delivers high reflectivity and durability
Compatible with Bitumen and Epoxy Adhesive	Easy application and no nails required	Reduces accidents during day and night
SHANKS	Available with Twin Shanks	Does not damage tyres
		Gives better grip on the road
		Long Durability
		Prevents Misalignment

Application Guidelines

Checklist for Tools and Tackles

- Blower
- Grinder
- Drill machine
- Portable generator
- Wire brushes and waste cloth
- Container for mixing along with mixing rod
- Traffic cones etc. to control traffic
- Reflective jackets
- Hand Gloves

Surface Preparation Before Fixing

Before fixing the RPM to the Road Surface, the road surface needs to be cleaned and prepared and few things are to be ensured as under:

- The road surface should be dry and moisture free
- The road surface should be free from dust, debris, oil spillages
- Before fixing of RPM the road surface should be thoroughly cleaned with the help of Wire Brush and Blower. In case of ineradicable mud etc. grinding of road surface is recommended for making road surface suitable for fixing RPMs.

Fixing procedure of RPM without Shank

- Apply adequate quantity of Adhesive on the road surface where the RPM is to be fixing. make sure you are wearing Hand Gloves to protect your skin from damages.
- Place the RPM on the Adhesive and press tenderly. Do not put excessive pressure to avoid spillage of the Adhesive.
- Do not tamper or let traffic move over the RPM for approximately 60 to 90 minutes so that the RPM sets properly to the road surface.



Preparation of Adhesive

Part A - Resin - 1Kg
Part B - Hardener - 800 Gms
Part B - Filter - 2 Kg

- Mix Part B in Part A container provided. Then add part C slowly to form a thick paste.
- To avoid fast gelling, divide the mixture into 2-3 parts.
- Above mixture is sufficient to apply 50 ROMs.
- Pot life is 15-30 minituss depending on the ambient temperature and quantity of mixture.
- Setting time 60-90 minutes depending on ambient temperature

Fixing procedure of RPM with Shank

- Use a templete to get correct spacing between holes With use of Drill make holes of proportionate bore & depth as per size of Shank at calibrated intervals on the road.
- Clean the road surface thoroughly using Wire Brush and Blower. Apply adequate quantity of Adhesive on the riad surface around the hole. Make sure you are wearing Hand Gloves to protect your skin.
- Put the Shank inside the hole and press the RPM tenderly from above so as to fix it properly in the hole. Do not apply excessive pressure to avoid spilliage of the Adhesive.
- Do not tamper or let traffic move over the RPM for approximately 60 to 90 minutes so that the RPM sets properly to the road surface.

