



TRACK

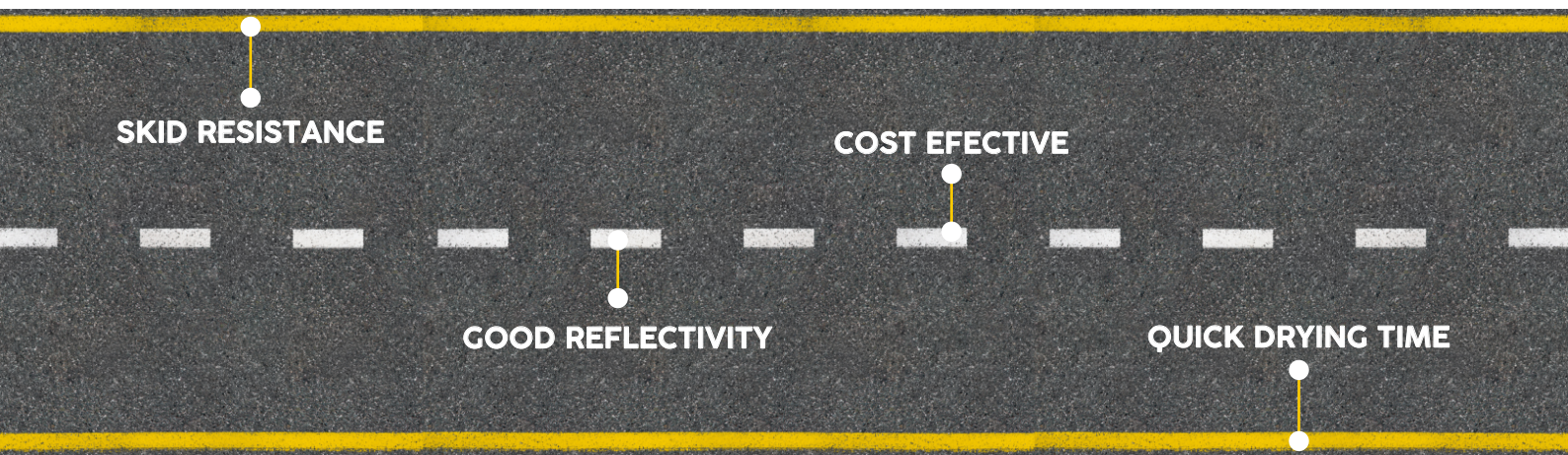
ROAD MARKING PAINTS



We manufacture high quality Thermoplastic Road Marking paints that deliver better visibility and high performance ensuring safety with low maintenance. Our thermoplastic road marking paint conforms to MoRTH, 803.4.

This paint is most suitable for use on bituminous and concrete surfaces. It can also be used for parking lots, arrow markings, etc.

This product is specially designed for the tropical Indian temperatures with high durability and excellent whiteness. Our quality of intermix glass beads is one of the highest in the industry and it ensures long lasting retro reflectivity.



We, being in the highway construction business ourselves, realise the importance of life and quality of the product. Our product is suitable for application with manual as well as automatic machines.



YELLOW

PACKAGING:



WHITE

25KG

STORAGE:

A minimum shelf life of 12 months when stored in a cool, dry and covered place.

WHY US

Dedicated team for productions and quality control.



In House manufacturing company and testing facilities.

Huge production capacity and timely delivery commitment.



Top quality glass beads used in intermix as well as drop on.



Dedicated team for packaging and transportation of material to keep product shelf life.



APPLICATION PROCEDURE

1

Do not hold thermoplastic above 180 0C for more than 6 hours

2

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

3

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

4

Heavy deposits Of paint require removal

7

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

5

Do not heat the material above 220 0C at any point of time

6

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

8

Heat the material to 180 0 C- 200 0C in the pre - heater with adequate agitation till the material becomes a homogenised liquid

GLASS BEADS INTERMIX BENEFITS

- Moisture Proof.
- Free Flowing.
- The advantage of using beads in the road marking enhances the night time visibility.

Offers a longer
preview time.

Abrasion
Resistant.

Excellent Retro
Reflectivity.

More than 80%
Roundness.

Easily compatible
with Solvent and
Waterborne
systems.



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 Manufacturer
Yellow Pigments	————	

Components	White		Yellow	
	As per MoRTH	TRACK	As per MoRTH	TRACK
Daylight Luminance (at 45°C)	65% Minimum	> 80%	45% Minimum	> 47%
Drying Time	Not more than 15 Min	< 7 Min	Not more than 15 Min	< 7 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	100 to 108°C	102.5 ± 9.5°C	100 to 108°C
Flow Resistance	Not more than 25%	< 3%	Not more than 25%	< 3%
Yellowness Index	Not more than 0.12	< 0.04	N.A.	N.A.
Daylight Luminance (at 45°C)	Not less than 45	> 50	Not Less than 45	> 50

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RETRO REFLECTIVE THERMOPLASTIC
ROAD MARKING MATERIAL



Technology of:

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Manufactured & Marketed By:

Knight Building Solutions LLP

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