

## INTRODUCTION

**TrackOSpark™** is a Retro-reflective Thermoplastic Road Marking Material, conforming to AASTHO M 249-12 specifications. The product dries to no pickup in maximum 10 minutes when properly applied under recommended conditions (refer directions for use).

**TrackOSpark™** has excellent chemical & dirt resistant properties which provide exceptional adhesion to concrete & asphalt surfaces.

Some key Product Features are as follows:

- ✚ Conforms to the AASHTO M 249-12 specifications
- ✚ Retro-reflective Thermoplastic Road Marking Compound with excellent whiteness
- ✚ Intermix glass beads offer long lasting retro-reflectivity
- ✚ Optimal balance between melt flow & flow resistance to achieve well-defined lines as per the desired width and thickness
- ✚ Specifically designed for tropical conditions
- ✚ Excellent wear resistance & adhesion on asphalt roads
- ✚ Based on aliphatic chemistry; offers superior weathering resistance and color stability
- ✚ Suitable for application with manual or screed / extrusion automatic machines
- ✚ High visibility
- ✚ Ready to use
- ✚ Fast drying properties

## RECOMMENDED USES

- ✚ Airport Markings
- ✚ Concrete/Asphalt Roads
- ✚ Parking Lots
- ✚ Expressways

## SPECIFICATIONS

TECHNICAL DATA SHEET		
COLOR	WHITE	YELLOW
<b>COMPOSITION</b>		
Binder	18.0 min.	18.0 min.
Glass Beads	30.0-40.0	30.0-40.0
White Pigment	10.0 min.	-
Yellow Pigment	-	2.00 min.
Calcium Carbonate & Inert Fillers	42.0 max.	50.0 max.

TECHNICAL TEST VALUES		
COLOR	WHITE	YELLOW
<b>PHYSICAL PROPERTIES</b>		
Impact Resistance	115.0 mm/kg	
Bond Strength to CC	1.24 MPa	
Softening Point	102.5 ± 9.5 °C	
Drying Time	2.0 – 10.0 minutes	
Yellowness Index	0.12 max.	-
Flowability – Ext. Heat	28%	
Crack Resistance	No cracks	

## DIRECTIONS FOR USE

- ✚ Ensure that the road surface is clean, free from dust, oil & grease
- ✚ Heavy deposits of earlier paint or thermoplastic should be removed
- ✚ Wire brushing & water washing is recommended for removal of dust from the road surface
- ✚ The surface should be thoroughly dry & free from moisture before painting
- ✚ Surface temperature must be at least 3°C above dew point but not above 50°C
- ✚ Do not paint at temperatures below 10°C or at relative humidity over 85%
- ✚ Under cold & humid conditions the paint would require longer drying time

## METHODOLOGY OF APPLICATION

- Heat the material to 180 - 200°C in the pre-heater with adequate agitation till it becomes a homogenized liquid
- Ensure that the road surface is clean and free from dust & moisture
- For aged asphalt roads and concrete roads the application of TrackOSpark, a primer coat; is recommended for proper bonding of the material with the road surface
- Ensure that the primer is thoroughly dry and void of solvent prior to application of TrackOSpark
- Ensure temperature of 180 - 200°C and adequate agitation during application
- Do not hold thermoplastic above 180°C for more than six hours
- Do not heat the material above 220°C at any point in time
- Change in color indicates that the material has been scorched owing to overheating and needs to be discarded
- Drop-on glass beads must be immediately deposited after thermoplastic application

## STORAGE & WASTE DISPOSAL

- ✚ A minimum shelf life of 12 months when stored in a cool, dry & covered place
- ✚ For industrial use only
- ✚ Keep thermoplastic paints from freezing
- ✚ Keep away from children

## CLEAN UP INSTRUCTIONS

Clean spills & spatters with any sharp equipment after drying. Clean hands & tools immediately after use with soap & warm water. Follow manufacturer's safety recommendations when using the materials.

## PACKAGING

- ✚ 25 kg PP-PE highly laminated water proof bags

## DISCLAIMER

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