

INTRODUCTION

TrackOPlus™ is a Retro-reflective Thermoplastic Road Marking Material, conforming to MORT&H 803.4 specifications. The product dries to no pickup in maximum 10 minutes when properly applied under recommended conditions (refer directions for use).

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

Some key Product Features are as follows:

- ✚ Conforms to the MORT&H 803.4 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
- ✚ Parking Lots
- ✚ Concrete/Asphalt Roads
- ✚ Expressways

SPECIFICATIONS

TECHNICAL DATA SHEET		
COLOR	WHITE	YELLOW
COMPOSITION		
Binder	18.0 min.	18.0 min.
Glass Beads	30.0	30.0
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
PHYSICAL PROPERTIES		
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 TrackOPlus, 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

The information above is believed to be accurate & represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, & we assume no liability resulting from its use, handling & or from contact . Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way Trackstar Industries be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damage, howsoever arising, even Trackstar Industries has been advised of the possibility of such damages.