

## TECHNICAL DATA SHEET

### Road Marking Preformed Thermoplastic Paint

#### Product

Sarmac Road Marking Preformed Thermoplastic Paint AASHTO M249

#### Manufacture

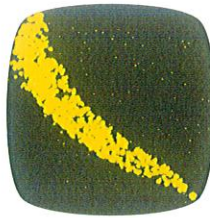
sarmac | Safety Road Materials Co. , CPC Industrial compound, Zone (D) , Str. no. (2), Factory no.(17), 6th October , Egypt –Tel. : +( 202 ) 386 42007, Fax : + ( 202 ) 386 42008 -P.O.Box : 105 / 12573

#### Description and Uses:

- Retro reflective Thermoplastic Paint road marking material with excellent whiteness and yellowness conforms to AASHTO M249 standards.
- Based on aliphatic chemistry, offers superior weathering resistance and color stability.
- Intermix glass beads offer long lasting retro reflectivity.
- Excellent wear resistance and adhesion on asphalt roads.

#### TECHNICAL DATA:

Composition	White	Yellow
Binder	Min. 18%	Min. 18%
Glass Beads (intermix)	Min. 30%	Min. 30%
Pigment	Titanium Dioxide Min. 10%	Lead chromate < 5%
Fillers	Max 42%	Max 42%
Softening point	93° C- 112° C	93° C- 112° C
Yellowness Index	-	Not more than 0.12
Drying time	Max. 10 Minutes	Max. 10 Minutes
Daylight luminance @45°	Min. 75%	Min. 45%



## Physical properties

• Appearance	Solid
• Color	White / Yellow
• Flash Point	above 235° C
• Skid resistance	>45
• Density	1.90-2.10 gm. / cm <sup>3</sup>
• Storage life	One year under ambient conditions

## Application:

- Clean surfaces and traffic areas.
- Surfaces pre-Heat.
- Place Marking.
- Heat the marking by torch.
- Use drop-on Glass beads for enhanced retro-reflectivity.

## Safety information:

- Minimize dusting of the material during using.
- Use of personal protective equipment like facemask, goggle, heat resistant gloves and protective clothing while handling the material is recommended.
- Do not inhale product or fumes, do not ingest.
- Avoid eye contact, if contacted, wash copiously with water.
- Contact of molten product could lead to thermal burns, flush with cold water, do not remove material as it could lead to severe tissue damage.

## Handling and Storage:

- Keep material dry all time.
- Stored indoors at minimum temperature of 10° C.
- Shelf time is 12 months.