

THERMOPLASTIC PAINT



AASHTO M249

Horizontal signage for roads, parking lots, asphalt concrete and hydraulic concrete surfaces. High night visibility.



DATA SHEET

Storage time

It must be kept free of moisture, it could not be exposed to sunlight for a long period, nor on the floor. It must be closed until the moment of its application.

Drying time

The material must be dry in a maximum of 2 minutes, as long as the ambient temperature is $10 \pm 2^\circ \text{C}$ and 2 – 10 minutes if the ambient temperature is between $32 \pm 2^\circ \text{C}$.

softening point

It must begin to melt at 95°C (ASTM D36 Standard).

Abrasion point

The material must resist and maintain its original appearance when the wheels are rubbed with thermoplastic paint with a minimum of 1.13j.

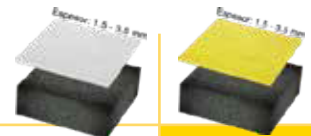
Application Method

EXTRUSION, RIBBON and HOT SPRAY

Advantages

- Thicknesses ranging from 1.27 to 3.17 millimeters.
- Excellent night visibility.
- Useful life greater than 5 years without cracking or detachment if it has been applied properly.
- Excellent Adhesion.

- High resistance to abrasion from vehicular traffic.
- Greater visibility for drivers.
- Drying time from 2 to 10 minutes.
- Excellent retro-reflectivity.
- Environmental impact: use of organic pigments in yellow thermoplastic paint.
- Product free of heavy metals.
- The duration of Thermoplastic is 8 times longer than traffic paint.



Characteristics	White Paint		Yellow Paint	
	Mini.	Max	Mini.	Max
Binder (*) (%)	18	-	18	-
Pigment (%)	-	-	-	-
Titanium dioxide	8	-	(*)	-
Calcium Carbonate and Inert (%)	-	42	-	(*)
Glass microspheres	20	-	20	-

