

## TECHNICAL DATA SHEET

**PRODUCT NAME:** TTP-1952E or F Type I, Fast Dry Waterborne Traffic Marking Paint, WHITE & COLORS.

**PRODUCT FEATURES:** Water-base, Non-Flammable, Tough, durable Federal Specification paint.

**RECOMMENDED USES:** Parking Lots, Roads, Runways, Airports, Warehouses, Safety Zones & Crosswalks.

**SURFACE PREPARATION:** Substrates must be dry and free of dirt and grease and loose debris. New Asphalt ( 90 days ) and Concrete ( 30 days ) must be aged, cured properly and be free of any laitance, dirt, grease before application. Get an expert opinion before spraying hard to stick surfaces or for problematic conditions.

**APPLICATION EQUIPMENT:** Can be sprayer with airless and conventional traffic paint line spray machines.

Airless Line Striper: Pressure 1800 – 2700 psi. Hose ¼ - 3/8 inch ID. Tips .015 - .019 inch. Filter: 60 mesh.

Conventional Line Striper: Gun: Binks 21, Fluid Nozzle: #68, Air Nozzle: Internal mix #709,  
Atomization Pressure: 20 – 80 psi, Fluid Pressure: 30 – 60 psi.

Brush or Roller: Not recommended because this is a fast dry paint.

**APPLICATION Tips:** Paint should be completely and thoroughly mixed before application. Concrete sealers on new concrete will interfere for proper adhesion and should be removed by weathering or shot blasting. Most previously painted traffic lines can be repainted without additional surface preparation, provided the old paint is tightly adhering to the surface. New asphalt surfaces should be allowed to age several months before striping. Paint will not bleed on most asphalt surfaces, however shrinkage of the paint film during curing can cause new asphalt to lift or crack.

**STORAGE & WASTE DISPOSAL:** For professional use only. Make sure lids are properly closed to avoid any spillage. Strictly comply with all local and federal regulations during storage, application and disposal of paints.

## SPECIFICATION DATA

<b>Resin Type:</b> Acrylic Latex co-polymer.	<b>Weight per Gallon:</b> 13.8 – 14.10
<b>Container:</b> 5 gallons or 55 gallon drums or 275 gallon totes.	<b>Pigment Weight:</b> 60 – 62 %.
<b>Color:</b> White, Yellow, Black, Red, Blue.	<b>Grind:</b> 5 Hegman minimum.
<b>Viscosity:</b> 80 - 90 KU.	<b>Weight Pigments:</b> 48 – 50 %.
<b>Finish:</b> Satin.	<b>Coverage:</b> 320 lineal feet of 4" wide line.
<b>Weight Solids:</b> 74 % Minimum.	<b>Dry Opacity:</b> 5 mils Bird, .92 , min.
<b>Volume Solids:</b> 60 % minimum.	<b>Directional Reflectance:</b> 85 min.
<b>Volatile Organic Compounds:</b> .79 lbs / gal or 95.00 gms / lit ( max )	<b>Water Resistant:</b> Good.
<b>Dry Time:</b> at 77 deg. 50 % RH, 15 mils wet. maximum 10 mins for No pickup on wheels but longer for complete dry through.	<b>Thinning;</b> max with 10 % water if needed. <b>Clean-up:</b> With soap and water.
<b>Dry Through:</b> 2 hours at 50 % relative humidity, 77 deg F.	<b>% Flash Point:</b> Non-Flammable, 150 deg F
<b>Application ( surface ) Temperature :</b> 50 F min – 110 F max	<b>Storage:</b> Protect from Freezing.
<b>Relative Humidity :</b> 85 % max or it will affect proper paint drying	<b>Shelf Life:</b> 12 months unopened stored indoors.

**Disclaimer:** There are no warranties which extended beyond the information in the TDS. TCC warrants this product to conform to its own specifications. Manufacturer's liability on this warranty is limited to the return of the purchase price of this product. The buyer assumes all risks and liability resulting from the use of this product. USSC neither assumes nor authorizes any person to assume for it any other liability in connection with the sale or use of this product. Request a MSDS if needed.

