



1160 SERIES

WATERBORNE ACRYLIC TRAFFIC PAINT (TTP-1952E TYPE II)

1160 Series is a 100% acrylic waterborne traffic paint formulated to deliver extraordinary performance. It is extremely fast drying over a broad range of application conditions and has excellent durability.

1160 Series is recommended for striping long line traffic markings on roads and highways, or other traffic surfaces including parking lots, driveways, sidewalks and runways. It may be applied over asphalt, Portland cement and concrete pavement.

1160 Series is available in white, lead-free yellow, black, red, blue and green.

TECHNICAL DATA

Property	1160 White	1166 LF Yellow	Other Colors
Pigment, % by weight, Minimum	60	60	60
Total Solids % by weight, Minimum	77	77	76
Nonvolatile Vehicle % by weight, Minimum	42	42	42
Weight per gallon, lbs (+/-0.3)	14	13.6	13.5
Viscosity @ 77° F, KU	80-95	80-95	80-95
Grind (Hegman Gauge) Minimum	4	4	4
Contrast Ratio 5 mil wet, Minimum	0.95	0.92	0.92
Directional Reflectance 5 mil wet, Minimum	90	50	NA
Field Test Time No track time @ ambient conditions, seconds	20-90	20-90	20-90
Dry Through Time 15 mils wet @ 90%RH, Minute, Max ASTM D-711	125	125	125
No Pick Up Time, without Beads, minutes, Max ASTM D-711	10	10	10
Thinner	Water	Water	Water
VOC g/l, Max	100	100	100

ADVANTAGES

- Superior durability.
- Excellent adhesion
- Fast drying under a wide range of climatic conditions.
- Remains flexible over time.
- Can be applied with conventional or airless spray equipment.
- No thinning for application.

PACKAGING

- 1 gallon can
- 5 gallon pail
- 55 gallon drum
- 250 gallon tote

COVERAGE

- 100 square feet per gallon at 15 mil wet film
- 300 linear feet of 4" line per gallon at 15 mil wet film.

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SURFACE PREPARATION

In general, coating performance is in direct proportion to the quality of the surface preparation. Before applying coatings, the surface should be clean and dry. The surface must be free of oil, grease, gasoline and moisture.

APPLICATION

- Do not apply when the temperature is below 50°F.
- Do not heat coating in striping system above 110°F.
- Do not apply first coat over fresh asphalt at more than 7 mils wet.
- Allow first coat to dry before applying second coat.
- New asphalt and concrete must be allowed to cure for a minimum of 30 days before application of product.
- Do not leave water or water mixed with non-subsiding cleaner for more than 24 hours in spray equipment. It is recommended to use a mixture of glycol solution and water for storing spray equipment longer than 72 hours.
- Surface temperature must be at least 5°F above dew point to prevent condensation.
- **DO NOT MIX WITH WATER.** This product comes ready mixed.

GOVERNMENT SPECIFICATIONS

- Meets Federal Std. 141D and American Standard Test Method (ASTM)
- Meets FS TTP-1952E Type II
- Meets Caltrans PTWB-01R2

MIXING

To get an even coverage of paint pigment, the paint should be agitated for 10-15 minutes. If necessary, strain the paint and remove any skins before mixing. Do not attempt to mix hardened paint films with liquid paint

ENVIRONMENTAL

- Meets SCAQMD Rule 1113.
- Dry paint chips are non-toxic
- Meets Federal Clean Air Act Regulations

CLEAN UP

Immediately clean all equipment after use with fresh water to remove any partially dried material. If paint is dry, a solvent may be necessary but be careful not to contaminate this and all waterborne paints with solvents.

SAFETY PRECAUTIONS

For industrial use only. Not for residential use. See and read MSDS and product labels before use. Safety precautions must be strictly followed during storage, handling and use.

SHELF LIFE

Water base paints are best utilized within 3 months of delivery but remains usable for 12 months.

WARRANTY

Colorado Paint warrants to the purchaser, for 6 months from the date of manufacturing, that this product when applied according to Colorado Paint Application Instructions, shall be manufactured without defects. This limited warranty covers material replacement only. Excluded from coverage is labor, any damage to the application surface or any failure of the coating caused other than by defects in the material.