



2050 SERIES

ACRYLIC ZONE MARKING PAINT

2050 Series Acrylic Zone Marking Paint is a 100% acrylic, solventborne traffic paint. It features excellent durability, flexibility and application performance. Ideal for when climatic conditions prohibit the use of waterborne counterparts.

2050 Series is recommended for striping long line traffic markings on roads and highways, or other traffic surfaces including parking lots, driveways, garages, sidewalks and runways. It may be applied over asphalt and Portland cement concrete surfaces. Available in white, lead-free yellow, red, blue, green and black.

Note: For applications requiring lower VOC content, we recommend 2070 Series Low VOC Acrylic Fast-Dry Traffic Paint

TECHNICAL DATA

Property	2050 White	2056 Yellow	Other Colors
Pigment, % by weight, (± 2)	62	60	60
Total Solids, % by weight, (± 2)	70	70	70
Nonvolatile Vehicle, % by weight, (± 2)	28	28	28
Weight per gallon, lbs. (± 0.3)	13	12.8	12.8
Viscosity @ 77°F, KU	80 – 95	80 – 95	80 – 95
Grind (Hegman Gauge), minimum	4	4	4
Contrast Ratio, 5 mil wet, minimum	0.92	0.90	0.90
Directional Reflectance, 5 mil wet, minimum	85	50	NA
Field Test Time, No track time @ ambient conditions, seconds	120	120	120
Dry Through Time, 15 mils wet, minutes, maximum, ASTM D711	125	125	125
No Pick Up Time, without beads, minutes, maximum, ASTM D711	15	15	15
VOC, g/l, maximum	450	450	450

ADVANTAGES

- Maximum 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 necessary

PACKAGING

- 5 gallon pail (19 Liters)

COVERAGE

- 100 square feet per gallon at 15 mils wet film
- 300 linear feet per gallon, 4-inch line at 15 mils wet film thickness

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SURFACE PREPARATION

In general, coating performance is directly proportional to the quality of surface preparation. Before applying coatings, surfaces must be clean and dry. Remove all grease, oil, gasoline, dirt, grass, loose gravel, old, peeling or flaking paint, and other contaminants. Previous markings that are thinner than 5 mil (150 µm) and adheres well to the surface may be painted over. New asphalt, concrete, and seal-coated surfaces should be in place for a minimum of 30 days prior to application and all residual sealants and curing compounds must be removed.

The prepared area should extend beyond the boundaries of the marking to be applied such that there remains cleaned surface beyond the edges of the applied marking.

APPLICATION

- Do not apply when the temperature is below 35°F
- Do not apply first coat over fresh asphalt at more than 7 wet mils
- Allow first coat to dry before applying second coat
- Surface temperature must be at least 5°F above dew point to prevent condensation
- DO NOT THIN. This product comes ready-mixed.
- Flammable! Use proper grounding protocol. Keep away from sparks, open flame or other sources of ignition.

GOVERNMENT SPECIFICATIONS

- Meets the latest revision of Federal Specification TT-P-115
- Meets definition of "Zone Marking Paints" as described under §40 CFR 59.402 (450 g/L VOC maximum in containers of 19 L (5 gallons) or less)

MIXING

Thoroughly mix prior to use to ensure even coverage. If necessary, strain the paint to remove skins or other foreign debris. Dried paint cannot be reincorporated to its liquid form.

CAUTION: FLAMMABLE!!

Keep away from open flame and other ignition sources. Do not smoke when using this product, or immediately after using this product. Wash hands and clothing thoroughly after use and before smoking or coming near open flame. Apply only in well ventilated areas. Avoid breathing in vapors. Wear proper safety equipment. Soiled rags should be disposed of in an approved container.

CLEANUP

Immediately clean all equipment after application. A suitable solvent, such as toluene, acetone, or xylene should be used. Do not use water.

SAFETY PRECAUTIONS

FOR INDUSTRIAL USE ONLY! Not for residential use. Review Safety Data Sheet (SDS) and product label before using. Safety precautions must be strictly followed during storage, handling and use.

STORAGE

Store tightly sealed containers in a cool, dry place. Do not store above 75°F, and keep away from open flame, sparks or other ignition sources. Always use proper grounding protocol. This product is best utilized within 3 months of delivery but remains usable for 12 months from the date of manufacture.

WARRANTY

Colorado Paint warrants to the purchaser, for 6 months from the date of manufacturing, that this product shall be manufactured without defects when applied according to Colorado Paint Application Instructions. 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 material.

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