

2070 SERIES

LOW VOC TRAFFIC MARKING PAINT



PRODUCT DESCRIPTION

2070 Series Low VOC Traffic Marking Paint is an Ultra-Fast Drying alkyd modified acrylic paint. It features excellent durability, flexibility and application performance. Ideal for when climatic conditions prohibit the use of waterborne counterparts.

2070 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, leadfree yellow, red, blue, green and black.

TECHNICAL DATA

PROPERTY	2070 WHITE	2076 YELLOW	OTHER COLORS
Pigment, % by weight, minimum	54	54	54
Total Solids, % by weight, minimum	70	70	70
Weight per gallon, lbs. (±0.3)	11.8	11.8	11.8
Viscosity @ 77°F, KU	75 – 88	75 – 88	75 – 88
Grind (Hegman Gauge), minimum	4	4	4
Contrast Ratio, minimum	0.92	0.85	0.85
Directional Reflectance, minimum	80	50	NA
Field Test Time, No track time @ ambient conditions, seconds	60	60	60
Dry Through Time, 15 mils wet, minutes, maximum, ASTM D711	100	100	100
No Pick Up Time, without beads, minutes, maximum, ASTM D711	5	5	5
VOC, g/l, maximum	100	100	100

ADVANTAGES

- VOC Content below 100 g/L
- Maximum durability
- Excellent adhesion
- Ultra-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

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

PACKAGING

- 5 gallon pail
- 55 gallon drum

INSTALLATION & SURFACE PREPARATION

▪ 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 Federal Specification AA-2886B Type II

▪ 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 acetone should be used. Do not use water.

SAFETY

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

SWARCO Colorado Paint, LLC warrants to the purchaser that this product shall be manufactured without defects when applied according to SWARCO Colorado Paint Application Instructions. This 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 within the material. Because the conditions of use are beyond our control, SWARCO Colorado Paint shall not be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product herein.

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy and completeness thereof is not guaranteed. Data is subject to alteration due to technical advances.

Above information not to be taken as a warranty or representation for which we assume legal responsibility. It is offered solely for consideration, investigation and verification.

If you have any questions about proper application techniques or other technical support issues, please contact your SWARCO sales or customer service representative.

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