

# 2050 SERIES

## ZONE MARKING PAINT



### PRODUCT DESCRIPTION

2050 Series Zone Marking Paint is an alkyd modified 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, leadfree yellow, red, blue, green and black.

### TECHNICAL DATA

| PROPERTY   | 2050<br>White | 2056<br>Yellow | Other<br>Colors |
|--|---------------|----------------|-----------------|
| Pigment, % by weight, minimum                                | 54            | 54             | 54              |
| Total Solids, % by weight, minimum                           | 70            | 70             | 70              |
| Weight per gallon, lbs. ( $\pm 0.3$ )                        | 11.4          | 11.4           | 11.4            |
| Viscosity @ 77°F, KU   | 75 – 88       | 75 – 88        | 75 – 88         |
| Grind (Hegman Gauge), minimum                                | 4             | 4              | 4               |
| Contrast Ratio, 5 mil wet, minimum                           | 0.92          | 0.85           | 0.85            |
| Directional Reflectance, 5 mil wet, minimum                  | 80            | 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

## 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 (19 Liters)

## INSTALLATION & SURFACE PREPARATION

### ▪ Surface Preparation

All technical data regarding material type, application rate, and the glass beads will be provided by a SWARCO Colorado Paint Company representative to the project engineer prior to starting work. All procedures must be followed exactly per manufacturer's instructions.

### ▪ 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

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.

Rev. 11/24