

# 2210 SERIES

## 2K WATERBORNE DURABLE PAVEMENT MARKING



### PRODUCT DESCRIPTION

2210 Series Two-Component Waterborne Durable Pavement Marking is an epoxy-modified acrylic latex striping paint ideal for high traffic areas. This product is specifically engineered to have superior adhesion and durability than conventional and high build striping products. It offers the handling and spray ability of a waterborne system. It provides quick dry time and long pot life.

2210 Series is recommended for bike lanes, bus lanes, runways, sidewalks, parking lots as well as striping long line traffic markings on roads and highways. It may be applied over asphalt and Portland cement concrete surfaces. 2210 Series is available in white, yellow and bike lane green. Other colors may be available upon request.

### TECHNICAL DATA

PROPERTY	2210 White	2216 Yellow	Other Colors
Pigment, % by weight, minimum	55	55	55
Total Solids, % by weight, minimum	75	75	75
Weight per gallon, lbs (±0.3)	13.0	13.0	13.0
Viscosity @ 77°F, KU	80-95	80-95	80-95
Grind (Hegman Gauge), minimum	4	4	4
Contrast Ratio, 15 mil wet, minimum	0.95	0.92	0.92
Directional Reflectance, 5 mil wet, minimum	90	50	NA
Dry-to-touch, 30 mils wet, minutes	15	15	15
Dry Through Time, 30 mils wet, hours	2 – 2.5	2 – 2.5	2 – 2.5
No Pick Up Time, without beads, 30 mils wet, minutes, maximum, ASTM D711	20	20	20
VOC, g/l, maximum	100	100	100

### ADVANTAGES

- Exceptional durability
- Maximum film build
- Superior adhesion for longer life applications
- Fast drying under a wide range of climatic conditions
- Excellent glass bead retention
- Can be applied with conventional or airless spray equipment
- Long pot life

## COVERAGE

- 50 - 55 square feet per gallon at 30 mils wet film
- 160 lineal feet of 4" line per gallon at 30 mils wet film

## PACKAGING

- 5-gallon pail Part A
- 1-gallon container Part B

## INSTALLATION & SURFACE PREPARATION

### ▪ Surface Preparation

In general, coating performance is in direct proportion to the quality of the surface preparation. Before applying coatings, the surface must be clean and dry. Surface preparation must include thorough cleaning and removal of grease, oil, gasoline, dirt, grass, loose gravel, old loose or flaking paint, and other materials. Previous marking that is thinner than 5 mils (150  $\mu\text{m}$ ) and adheres very well to the surface may be painted over. New asphalt, concrete, and seal-coated surfaces shall be in place for a minimum of 30 days prior to application and all of the sealants and curing compounds must be removed. The pavement surface area to be prepared shall be wider than the line to be applied, such that the area shall be clean on all sides after application.

### ▪ Preparation

Add a pre-measured container of 2285 Part B to Part A. If using a partial container, combine Part A and Part B at 6.1:1 by volume. Mix thoroughly using a drill mixer until homogenous. It is ideal to begin mixing Part A slightly before addition of Part B. Continue mixing while adding Part B. It is important to establish a vortex to pull Part B into Part A. Excessive mixing can result in air entrapment and skin formation. Each component will dry and harden on its own, therefore, containers must be kept closed to prevent skinning. For long line application, Type 2 or Type 3 glass beads are recommended for better retro. For green bike lanes, anti-skid materials such as crushed glass and corundum are recommended. Pressurized bead/aggregate systems are recommended. Hand broadcasting of aggregate will not give acceptable results.

### ▪ Application

- Do not apply when the temperature is below 50° F.
- Surface temperature must be at least 5°F above dew point to prevent condensation.
- Do not apply when rain is expected within 8 hours.
- Do not heat coating in striping system above 110° F.
- 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.
- DO NOT MIX WITH WATER. This product comes ready mixed.

- **Pot life**

Once Part A and B are combined, they should be used within 12 hours or less. If left too long, viscosity will increase over time resulting in changes in spray behavior. It is recommended to always empty and clean the equipment at the end of a job. Viscosity will increase over time and mixture will harden and will be difficult to remove from the striping equipment.

- **Environmental**

Dry paint chips are non-toxic  
Meets Federal Clean Air Act Regulations

- **Cleanup**

Immediately clean all equipment after use with fresh water to remove any partially dried material. If paint is dry, a methanol / water mixture may be necessary in cleaning the equipment.

## SAFETY

FOR INDUSTRIAL USE ONLY! Not for residential use. See and read SDS and product labels before use. Safety precautions must be strictly followed during storage, handling and use.

## STORAGE

Store in a dark, dry, and cool place. Protect from freezing. Water based paints are best utilized within 3 months of delivery but remain usable for 12 months.

## 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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