

1190 SERIES

LOW TEMPERATURE WATERBORNE ACRYLIC TRAFFIC PAINT



PRODUCT DESCRIPTION

1190 Series is a low temperature, 100% acrylic waterborne traffic paint that can be applied at temperature as low as 35°F. This product is designed to offer quick dry at low temperature application where standard paints would not.

1190 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.

1190 Series is available in white, lead-free yellow, black, red, blue and green.

TECHNICAL DATA

PROPERTY	1190 WHITE	1196 LF YELLOW	OTHER COLORS
Pigment, % by weight (+/-2)	61	61	61
Total Solids, % by weight (+/-2)	77	77	77
Nonvolatile Vehicle % by weight (+/-2)	41	41	41
Weight per gallon, lbs (+/-0.3)	13.9	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	0.90	0.90
Directional Reflectance 5 mil wet, Minimum	90	50	NA
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	8	8	8
Thinner	Water	Water	Water
VOC g/l, Max	100	100	100

ADVANTAGES

- Can be applied at temperature as low as 35°F.
- Extended striping season for increased productivity.
- Good performance.
- Quick dry at low application temperatures.
- Improved adhesion to oily surfaces.
- Exceptional flexibility.
- Can be applied with conventional or airless spray equipment.
- No thinning for application. Can be applied at temperature as low as 35°F.

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.

COVERAGE

- Coverage depends on desired layer thickness, application technique, machine adjustments, and the type and state of the surface.
- 100 square feet per gallon at 15 mil wet film
- 300 linear feet of 4" line per gallon at 15 mil wet film.

PACKAGING

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

INSTALLATION & SURFACE PREPARATION

General Information

All the instructions provided herein and by SWARCO Colorado Paint Company / SWARCO technical representative must be followed exactly. Any variations from the directions may compromise applicability and performance. Only drop-on materials and techniques approved by the manufacturer should be used.

General 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. Moisture content of concrete surfaces must not exceed 4% when applying marking.

Application

- Do not apply when the temperature is below 35°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.

Environmental

- Meets SCAQMD Rule 1113.
- 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 solvent may be necessary but be careful not to contaminate this and all waterborne paints with solvents.

SAFETY

Before working with this product, the user is required to read and understand the information provided in the Safety Data Sheets and to follow the safety precautions and good industrial hygiene practices. Designed for the use by trained professional personnel only. For industrial use only, not for residential use.

SHELF LIFE

Water base paints are best utilized within 3 months of delivery but remains 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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