

1040 SERIES

WATERBORNE STANDARD DRY STRIPING PAINT



PRODUCT DESCRIPTION

1040 Series is a 100% acrylic waterborne traffic paint designed to be a standard dry paint under normal conditions.

1040 Series is recommended for striping parking lots, driveways, garages, or other traffic surfaces including long line traffic markings on roads and highways. It may be applied over asphalt and Portland cement concrete surfaces.

1040 Series is available in white, lead-free yellow, black, red, blue and green.

TECHNICAL DATA

PROPERTY	1040 White	1046 Yellow	Other Colors
Pigment by weight	55% ($\pm 1\%$)	55% ($\pm 1\%$)	55% ($\pm 1\%$)
Total Solids, by weight	$\geq 65\%$	$\geq 65\%$	$\geq 65\%$
Volume Solids, by volume	$\geq 47.0\%$	$\geq 47.0\%$	$\geq 47.0\%$
Nonvolatile Vehicle, by weight	$\geq 23.0\%$	$\geq 23.0\%$	$\geq 23.0\%$
Weight per gallon, lbs.	13.1 ± 0.3	13.0 ± 0.3	13.0 ± 0.3
Viscosity @ 77°F, KU	80 - 90	80 - 90	80 - 90
Grind, Hegman	≥ 4	≥ 4	≥ 4
Contrast Ratio	≥ 0.92	≥ 0.92	≥ 0.92
Directional Reflectance	≥ 86	≥ 50	Varies
Field Test Time, No track time at ambient conditions, minutes	< 20	< 20	< 20
No Pick Up Time, without beads, minutes, ASTM D711	< 60	< 60	< 60
Volatile Organic Compound, g/L	< 100	< 100	< 100

ADVANTAGES

- Excellent balance of value and performance
- Superior durability and adhesion
- Standard Dry formula allows for easier application while drying fast enough for quick return-to-use
- 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
- 250 gallon tote

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 50° F
- Do not allow coating temperature inside the striping system to go above 110° F
- Do not apply first coat over fresh asphalt at more than 7 wet mils
- Allow first coat to dry before applying second coat
- 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 when 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 readymixed.

▪ Government Specifications

Meets FS TT-P-1952B performance

▪ 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.

- **Environmental**

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

- **Cleanup**

Immediately clean all equipment after use with fresh water. Dried paint may be removed with a methanol/water mixture or other suitable solvent

SAFETY

FOR INDUSTRIAL USE ONLY! Not for residential use. Review Safety Data Sheet (SDS) and product label before using. Wear appropriate personal protection equipment when using. Safety precautions must be strictly followed during storage, handling and use. Water based paints are best utilized within 3 months of delivery but remain usable for 12 months.

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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