

Description

Optiline, is a *quick dry* 100% acrylic, lead-free premium waterborne traffic and line marking paint, specially manufactured and formulated for cold weather, **excellent dirt pick-up resistance** and durability. Optiline is quick -drying, durable, water resistant and has excellent dirt pick-up resistance for traffic. Product dries to tack-free dry in 4 – 5 minutes.

Product Advantages: Quick drying even in nighttime environment, does not require heating to dry fast, will not crack and remains flexible over time. Requires no thinning, is pre-strained and is environmentally safe and user friendly.

Recommended Uses

Optiline is designed for use as traffic marking, legend identification work, and instructional markings on roadways, sidewalks, crosswalks, curbs, and parking lots. A multi-surface product suitable for application on fully cured traffic-bearing surfaces such as Portland cement concrete, asphalt, and previously painted surfaces.

Colors

White, Yellow and Red

Packaging

Five gallon containers

Finish

Low Sheen with slight angular sheen.

Surface Preparation

All surfaces must be clean, dry and free from dirt, oil, grease, carbons, wax, loose or peeling paint or contaminants that may interfere with adhesion. Pressure washing using degreasers or TSP, etching, bead or sand blasting is a recommended method of removal of any/all dirt deposits prior to application.

New asphalt or top sealed asphalt surfaces should ideally be allowed to thoroughly cure before striping. Place a small inconspicuous test stripe to determine if surface of asphalt has cured sufficiently. Optiline is not recommended over water-soluble top sealers.

Application

Apply by sprayer only using conventional or airless equipment. Spray equipment must be designed to resist corrosion from constant contact with water. Do not paint during extreme cold, frost, fog, or damp weather conditions. Recommended application temperature ranges 50-90° F. Do not apply below 50° F or if rain is expected within 24 hours.

Caution: When using this product where high foot traffic areas exists and may become slippery when wet, aggregate such as clean sand or *antislip additives* should be added if non-skid characteristics are desired.

Coverage

Theoretical: 339 lineal feet per gallon at 15 mils (wet) / 8 mils (dry) with a 4" stripe; 114 square feet per gallon 15 mils (wet) / 8 mils (dry). Overall coverage will depend on method of application and surface conditions of substrates.

Mil Thickness

Wet = 15.0 - 30.0 Dry = 9.0 - 18.0

Thinning

Not recommended. If thinning is required, thin only with clean water. Any water added will slow the dry time.

Clean Up

Rinse spray equipment and tools promptly with warm soapy water.

Product Mixing

Important! Agitate or stir before using product to allow for uniform consistencies of paint.

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Revised 01.16

Fast Dry 100% Acrylic Traffic Finish

Architectural Coating - Specialty

Continued

Special Notes

The presence of concrete sealers or efflorescence on new concrete may interfere with adhesion and should be removed - [see section of surface preparation](#).

Optiline Traffic and Line Marking products are formulated for airless spray without thinning at ambient temperatures above 50° F.

Product limitations - not recommended for immersion service.

Product Application

Conventional Spray	.055 - .070
Airless-Tip Size	.013 - .019

Most *typical* working pressures are 1500 - 2700 psi, using a .013 - .019 tip size in walk behind machines. 50 to 100 mesh filters at the gun are recommended.

Note: Tip sizes may vary depending on type of equipment used and manufacturer's specs. It is recommended that a small test stripe be applied in an inconspicuous area for desired application requirements.

Helpful Hint: Due to the quick drying nature of the product, it is suggested that before spraying you may want to add approximately 16 oz. of clean water through the opening at the top of the pail. Simply unscrew the closure cap on the lid and add the water. The water floats at the surface and acts as a seal to help prevent [product skinning](#) at the surface level. A highly recommended method when both spraying and prior to storing the materials at the end of a job. Be sure the [closure cap](#) and [lid](#) are *tight* and *secured* before storing product.

Storage Conditions

Store in dry well-ventilated area. Storage temperatures should be between 40° F. and 90°. [Do Not Freeze](#). Shelf life is recommended at 12 months.

Composition

Titanium Dioxide	7.8%
Extenders	58.4%
TOTAL PIGMENT	66.2%

Resin	13.7%
Additives / Solvents	3.7%
Water	16.4%
TOTAL VEHICLE	33.8%

Weights & Measurements +/-3.0%

Solids by Volume:	50.0%
Solids by Weight:	63.5%
VOC:	97 g/l
Weight Per Gal:	14.3 lbs.
Viscosity:	88 - 90 KU

Fast Dry Formulas

Field Test: Tack-free dry time is 60-120 seconds and can dry to no-tracking in less than 15 minutes without beads, depending on wet film thickness and ambient conditions.

Drying Schedule: Dry to no traffic pick-up after 15 minutes. Dry through in 25 minutes @ 73° F. and 90% relative humidity. Dry times will be extended at increased humidity and temperatures below 50° F.

Conformance

SCAQMD - complies with Rule 1113, Architectural Coatings

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