

PRODUCT INFORMATION

PRODUCT DESCRIPTION

SS LineStripe is hybrid lithium traffic marking and safety paint. This water-based lithium silicate formulation is fast drying and will provide long-lasting performance and easy maintenance.

- water clean up
- single component
- durable
- fast drying
- able to have glass beads added

PRODUCT CHARACTERISTICS

Finish: Semi-gloss / matte (depending on surface porosity and amount of material applied)

Colors: Safety Yellow, Accessible Blue, Green, White, Red, and Black

Volume Solids: 33% - 37%

Weight Solids: 33% - 37%

VOC: 50 <gms/L

PROPERTIES

Finish: Semi-gloss / matte (depending on surface porosity and amount of material applied)

Total Solids: 33-37%
 Specific Gravity: 1.15 -1.17
 Active Ingredients: 100% of total solids
 VOC: 50<gms/l
 PH: 11.2 - 12.2
 Film: Yes
 Freeze Point: 32° F (0°C)
 Depth of Surface Penetration: 2-8 mm (non-pigment chemistry)
 Shelf Life: 1 year unopened container
 Flash Point: None
 Clean Up/Reducer: Water

SPREAD RATE

Wet Mils: 4-6
 Lineal Feet: 600 (Based on a 4" stripe)

* It is not necessary to tape down the lines prior to application as long as you have the proper equipment to ensure a straight line.

**A 3/8 nap roller may be used in smaller areas

DRYING SCHEDULE

At 4-6 Mils wet, at 75° F

To The Touch: 30 minutes

Foot Traffic: 30 minutes

Vehicle Traffic: 3 hours

TESTING

Tack Time (71°) ASTM D-711

No-pick-up time @ 15 mil thickness (wet) - 1.47

No-pick-up time @ 25 mil thickness (wet) - 5.11

Drying Time (mins) ASTM D-1640 - 7.10

Water Resistance ASTM D-870

Blistering	PASS
Loss of Adhesion	PASS
Discoloration	PASS

Solvent Resistance ASTM D-2795

Gasoline	PASS
Motor Oil	PASS

Pull-off Adhesion ASTM D-3559

Concrete, Thickness (wet) 15 - 850

Abrasion Resistance ASTM D-4060

(Thickness (wet) 15 Mil, curing 24 hrs, air dry, load 1000g, and cycles 1000)

Without beads; weight loss (mg) - 80
Without beads; wear index - 80
With beads; weight loss - 119
With beads; wear index - 119
Opacity (15 mils wet) - 10

Flexibility ASTM D-522

Fineness of Grind - 5-6

COMPOSITION INFORMATION

Total Solids: 33% - 37%

Pigment Weight Percent: 8% -15%

Vehicle Type: Aquis



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SS LineStripe Lithium Paint

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SURFACE PREPARATIONS

1. Thoroughly clean surface to be treated, removing any dirt, grease, oil, rust, salts or any other surface contaminants that interfere with adhesion by using a chemical etch or mechanical etch, such as shot blasting.
2. Create an open surface profile for long-term placement by shot blast, bead blast, soda blast or deep scrub with Thermo-Clean by Rochester Midland, Jon-Stone by Johnson Wax, and Neutral Floor Cleaner Concentrate by Zep. A one to one vinegar and water mixture can also be used to etch the surface prior to application. Neutralize following the vinegar water etch by using a neutral cleaner with a pH level of 8-10, followed by a clean water rinse to remove any possible vinegar solution that may impede adhesion of the material.

No matter what surface preparation is used we recommend applying a test sample to a small area to assess adhesion.

4. Surface must be clean, dull, and completely dry prior to application.
5. Mask area surrounding the surface to be treated to protect from overspray.
6. Properly agitate material prior to application.

APPLICATION CONDITIONS

Try to control the temperature of the environment as best as possible, if not please follow these guidelines.

Temperature: 40° F for minimum and 95° F for maximum

Humidity: If above 85% please follow application instructions for high humidity. We also recommend discussing application with our technical department at 801-224-3800.

APPLICATION PROCEDURES

Material to be sprayed onto surface. Viscosity is similar to most industrial line stripe paints.

1. Mechanically mix material with a mixing wand immediately prior to application. (Although LineStripe™ is a one-part material, complete mixing is essential for product performance.)
2. Spray out material at 4-6 mils wet (coverage rate will depend on width of stripe). If a second application is necessary, wait until first coat is dry, at least 1 hour. Application rate should be 600 Lineal Feet per gallon based on a 4 inch wide stripe. Rates will change based on width of stripe.
3. Allow surface to cure 30 minutes prior to pedestrian use and 3 hours prior to vehicle traffic. For additional protection, allow LineStripe™ to dry for 1 hour and then apply a very thin application of DuraGloss 50+™ (for interior surfaces) or DuraGloss EXT™ (for exterior surfaces) to treated surface with a 100% polyester microfiber pad.
4. When cleaning the surface never use a citrus cleaner, delimonene, or any type of cleaner with butoxyethanol

Application in High Humidity

1. Apply as above, increasing cure times to one hour for initial foot traffic and 4 hours for vehicle traffic. LineStripe™ may take up to 14 days to achieve maximum performance under conditions of extreme temperature or humidity.

SAFETY PRECAUTIONS

Please refer to MSDS sheet before applying the SS LineStripe material.



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APPLICATION EQUIPMENT

Please see the following recommendations in regards to equipment for proper application. Changes in stated tip size and pressure can be changed to accommodate each application. If the spraying tool is used for other materials, please make sure equipment is cleaned to avoid contamination of the LineStripe.

Clean Up/Reducer: Water

Pressure: 1800 psi

Tip Size: 315 or .019" (Tip size can vary depending on technique and equipment used for application)

Hose Size: 1/2 inch to 3/8 in

Reduction: As needed

*Note: We recommend the Graco 3900 linestripe machine, with a 315 tip and around 1800 psi, or equal.

PACKAGING

Packaging: 5 gallon containers

Please contact SealSource International directly for pricing and ordering at 801-224-3800

PERFORMANCE STANDARDS

Advantages of using the SS LineStripe include:

Fast Drying, Abrasion Resistant, Environmentally Friendly
Bleed Resistant, UV Stable, High Visibility, Strong/Durable
Easy Preparation, Easy Application, High Hiding, Water clean up

RECOMMENDED USES

Designed and compatible for application on concrete, asphalt, and masonry. Applications include but are not limited to the following:

Parking Lots and Garages, Manufacturing Facilities
Service Bays, Highways and Roads, Bridges, Curbing
Sidewalks, Airport Runways, Warehouses, Car Parks

PERFORMANCE TIPS

For a successful installation please follow the guidelines to achieve proper adhesion.

Properly mix material with a mechanical mixing wand prior to application

Check adhesion by applying a test sample to determine surface readiness

Application areas need to be properly prepped and cleaned prior to application. Please see the surface preparation section for more details, or call SealSource Technical Department at 801-224-3800

Do not spray LineStripe on a wet surface

Do not spray LineStripe below 40° F

Drying times can be affected by extreme weather conditions, and/or damp, cool conditions

Make sure application equipment is clean and dry before application

Application rates can vary depending on porosity of surface, profile of surface, climate conditions, overthinning with

WARRANTY

SealSource International, LLC warrants the SS LineStripe against manufacturing defects in accordance with SealSource International quality control. Liability for products proven to be defective is limited to the replacement of the defective material only.

DISCLAIMER

The information given in this Product Data Sheet is based upon tests conducted by or on behalf of SealSource International. Such information is subject to change and pertain to the product at the time of publication. Contact SealSource International to obtain the most recent product data information and application instructions.