

Description:	Airport Acrylic Solvent Borne - Traffic Paint
Code:	NAP301
Colors:	
White	RAL 9016
Yellow	RAL 1023
Red	RAL 3020
Gloss:	Opaque
Typical Use:	Streets, Crosswalks, Parking Lots
Dry Time:	10 Minutes @ 25°C
Coverage:	Approx. 10 m lines with 15 cm wide with 1kg

GENERAL INFORMATION

This product with good retro-reflection and fast drying properties designed for airports. The following information has been provided as a general guideline for the use and disposal of LOTUS traffic marking paints. It is also very beneficial to run a small test in a non-critical area in order to ensure the surface preparation; weather conditions, equipment and product are suitable and working properly.

SURFACE PREPARATION

Care should be taken to ensure that the surface is clean, dry and free of loose material. A simple leaf blower is typically sufficient to remove gravel and dust in most instances. When applying over previously coated areas, however, take special care to remove any loose or peeling paint. Other surface conditions, such as areas with large amounts of engine oil buildup or existing epoxy coatings, may require a power-washing procedure or abrading the surface before application of the paint. New concrete and asphalt should be aged for a minimum of 30 days prior to painting. Use caution when striping over a freshly sealed surface. Sealers can affect the adhesion and cure of traffic marking paints. For cement or old asphalts recommended using PAC01 LOTUS primer. For more information on the surface, please consult with the supplier or applicator of the surface.

WEATHER CONDITIONS AND APPLICATION

Air temperature, surface temperature, humidity and the weather conditions following application are extremely important factors in the success of the products. LOTUS formulates these coatings to be applied without further reduction. They can also be used in conjunction with the application of glass beads to improve reflectivity without sacrificing other properties. Protect fresh lines from traffic until thoroughly dry. These, as well as all solvent-borne coatings, should not be applied at temperatures below 10°C and more than 45°C and/or less than 6 hours before any expected precipitation. Evening and night applications should be avoided whenever possible due to the cooler temperatures. At lower temperatures or when humidity is extremely high (80%), a significant amount of extra time will be needed for the paints to dry. Recommended that surface temperature be more than 5°C of dew point

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EQUIPMENT

Tip size, fluid pressure, air pressure, paint viscosity and paint temperature are all critical to the appearance, consistency and performance of the paint. The equipment must be matched to the paint being applied in order to achieve the proper film thickness and coverage. Typical tip sizes for "airless" machines are .019"-.021", while "air-atomized" machines use .086"-.11" at 60 lbs. pressure. For more information, please consult with the equipment manufacturer.

PAINT SELECTION AND SAFETY

These coatings, as are all solvent-based products, are extremely flammable. Do not smoke or weld while working with these paints. Empty containers that held these products will also contain residual vapors and should be handled in the same manner as those that are full. Use only paint recommended or specified for each application. Shelter the containers when possible and avoid prolonged outside storage. Agitation of the paints by stirring or shaking should be performed in order to ensure uniform consistency, application and performance. When storing partially filled containers, a small amount of solvent may be added and allowed to stand on top in order to avoid "skinning". Always be sure the containers are sealed tightly during transporting or storing in order to avoid spillage, risk of fire and solvent evaporation. Keep paints away from heat and flame. Consult the MSDS and/or labels for further safety, personal protection, first aid, and spill or leak procedures.

WASTE DISPOSAL

Comply with all regulations regarding handling, storage and disposal of all hazardous materials and waste. Consult local agencies or disposal companies for individual instructions and requirements. Improper disposal of paint and their related materials is illegal and may result in large fines. Please comply with all regulations and minimize waste whenever possible.

Product Data Sheet:

Reflectance:	White86%(~55% colored)	E97
Density(gram/cm ³):	1.58±0.05	D1475
Solid by Weight	76±2	D1644
Solid by Volume	54±2	D1644
Coverage:	7.8 m ² /Litter	D344
Thinner	Lotus 66B	
Curing:	Solvent Evaporation	
Water Resistance:	Passed	D870
Skiing Resistance(SRT):	Passed	EN1436
Drying Time:	10 min @ 25° C	D 711